

# **Distribution Development Plan 2008-2017**

**Electric Power Industry Management Bureau  
Department of Energy**

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## Executive Summary

In the planning period 2008-2017, the Distribution Utilities (DUs) expect an increase in peak demand of 4,547 MW from 8,810 MW in 2008 to 12,956 MW in 2017, representing an average growth of 4.4% annually. Luzon is projected to have a 4.3% annual average growth rate in peak demand, from 6,535 MW in 2008 to 9,505 MW in 2017. Visayas and Mindanao will have a higher growth rate at 5.1% and 4.7%, respectively from 1,097 MW in 2008 to 1,701 MW in 2017 for Visayas, and from 1,177 MW in 2008 to 1,751 MW in 2017 for Mindanao.

In terms of energy requirement, DUs in Luzon is projected to grow at an annual average growth rate of 4.7% over the ten-year planning period, from 38,844 GWh in 2008 to 58,433 GWh in 2017. Visayas DUs is seen to register an annual average growth rate of 5.0%, from 5,871 GWh in 2008 to 9,026 GWh in 2017, Mindanao DUs will register a 5.0% annual average growth rate, from 6,436 GWh in 2008 to 9,664 GWh in 2017.

DUs are projecting a substantial increase in the number of customers in 2017: Luzon at 11.079 million; Visayas at 3.295 million; and Mindanao at 3.051 million. These translate to an annual average growth rates of 4.5% in Luzon, 5.1% in Visayas, and 5.6 % in Mindanao in energy sales, respectively.

To meet the projected increase in energy requirements over the planning horizon, an estimated 23,929 ckt-km of lines are programmed for rehabilitation and/or upgrading, 17,448 ckt-km of lines are for construction, and an additional 7,871 MVA substation capacity will be constructed. These will have corresponding investment requirements amounting to Php70.7 billion, broken down into: Php21.1 billion for electrification projects, Php30 billion for construction of new lines and additional substation capacity, and Php19.6 billion for rehabilitation of distribution lines.

# 2008 Distribution Development Plan

## Introduction

The Department of Energy (DOE) publishes annually the Distribution Development Plan (DDP) of all distribution utilities (DUs) in the country. The DOE consolidates into the national DDP the individual DDPs of DUs: the Private Investor-Owned Utilities (PIOUs), Local Government Unit-Owned Utilities (LGUOUs), Multi-purpose Cooperatives, and the Electric Cooperatives (ECs) as endorsed by the National Electrification Administration (NEA).

The annual submission and preparation of the DDP is in compliance with Republic Act No. 9136 and is prescribed by the DOE Department Circular No. 2004-02-002.

The DDP covers the DUs<sup>1</sup> 10-year program on acquisition of sub-transmission assets, expansion and rehabilitation of distribution facilities and the costs associated to these activities, projected number of customers, and the corresponding energy and demand requirements.

TABLE 1. DDP Submission Rate of DUs

GRID	Type of DUs	Total DUs	DDP Submission
Luzon	ECs	56	45
	PIOUs *	9	7
	LGUOUs	5	1
	<b>Sub-Total</b>	<b>70</b>	<b>53</b>
Visayas	ECs	31	29
	PIOUs	4	3
	LGUOUs	2	0
Mindanao	<b>Sub-Total</b>	<b>37</b>	<b>32</b>
	ECs	33	29
	PIOUs	4	4
	LGUOUs	1	0
<b>Total</b>	<b>Sub-Total</b>	<b>38</b>	<b>33</b>
	<b>Total</b>	<b>145</b>	<b>118</b>
	<b>ECs</b>	<b>103</b>	<b>103</b>
	<b>PIOUs</b>	<b>14</b>	<b>14</b>
	<b>LGUOUs</b>	<b>1</b>	<b>1</b>

\* includes Subic Enerzone Corporation

The 2008 DDP contains the individual DDPs of 118 DUs (Table 1).

## Highlights of the 2008 DDP

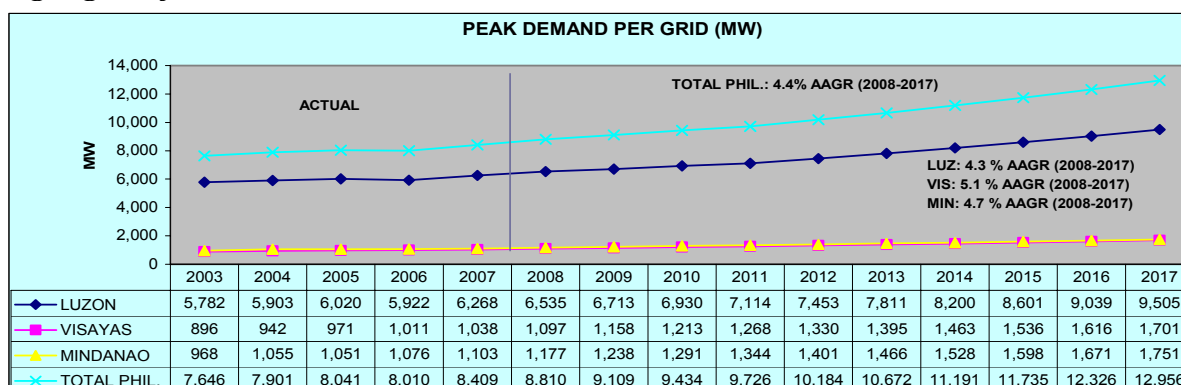


Figure 1. Peak Demand per Grid (MW), 2003-2017

Note: Figures include data from 2006 and 2007 DDP. Please see Table 5, 6, and 7.

## Peak Demand Requirement

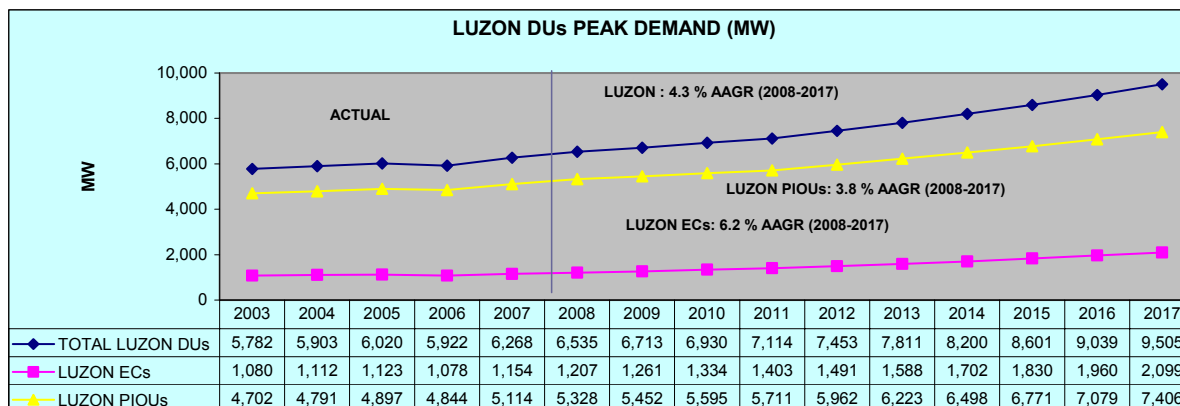
In the planning period, 2008–2017, the DUs total peak demand<sup>3</sup>, which stood at 8,132 MW in 2007, is expected to grow annually at an average rate of 4.4% (Figure 1). Luzon's peak demand is estimated to increase annually at an average of 4.3%, with demand reaching 6,535 MW in 2008 and 9,505 MW in 2017 (Figure 2).

<sup>1</sup> A total of 17 DUs did not submit its 2008 DDPs. These DUs are: Luzon DUs; IEEC, PUD, Corcuera Electric System, Banton Electric System, Concepcion Electric System, PANELCO III, ISELCO I, QUIRELCO, BATANELCO, PELCO III, SAJELCO, and SORECO II, Visayas DUs; Hilabaan Multipurpose Coop., Maripipi Multipurpose Coop., Mindanao DUs; Bumburan Electric Light System and CASELCO.

<sup>2</sup> In the case of DUs without 2007 DDP submission (footnote 1), data from their respective 2006 and 2007 DDP are used.

<sup>3</sup> Peak Demand indicated is non-coincident peak.

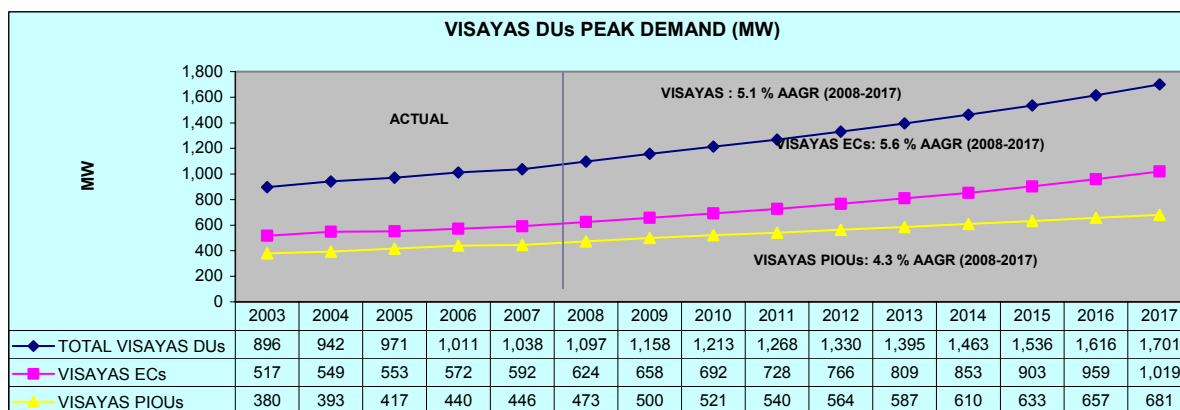
In the Visayas, DUs demand is estimated to peak at 1,097 MW in 2008 and 1,701 MW in 2017, equivalent to an annual average growth rate of 5.1% over the planning period (Figure 3). In Mindanao, DUs are projecting an annual average rate of 4.7% increase in peak demand, from 1,177 MW in 2008 to 1,751 MW in 2017 (Figure4).



**Figure 2. Luzon DUs Peak Demand (MW), 2003-2017**

Note: Figures include data from 2006 and 2007 DDP. Please see Table 5.

Luzon PIOUs and LGUOUs peak demand will increase annually at an average of 3.8%, with demand reaching 6,535 MW in 2008 and 9,505 MW in 2017 while the ECs estimate an annual average increase of 6.2%.

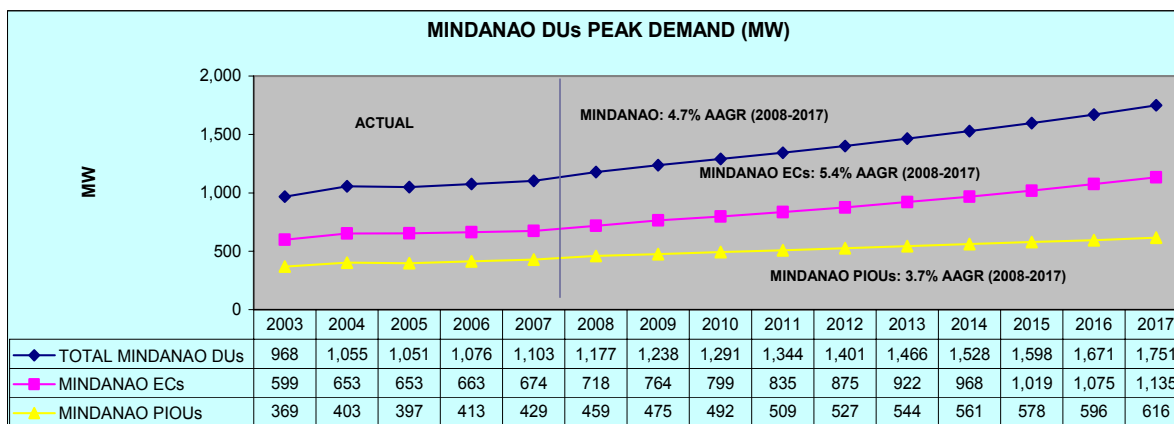


**Figure 3. Visayas DUs Peak Demand (MW), 2003-2017**

Note: Figures include data from 2007 DDP. Please see Table 6.

Visayas PIOUs peak demand will increase at an average of 4.3% annually, with demand reaching 473 MW in 2008, 564 MW in 2012 and further to 681 MW in 2017 while Visayas ECs are expected to increase by an annual average rate of 5.6%. (Figure 3).

Mindanao PIOUs are projected to increase annually by an average rate of 3.7% in peak demand, with demand reaching 459 MW in 2008 and 616 MW in 2017. ECs expected a higher increase in peak demand at an average rate of 5.4% annually, bringing peak demand from 718 MW in 2008 to 1,135 MW in 2017 (Figure 4).



**Figure 4. Mindanao DUs Peak Demand (MW), 2003-2017**

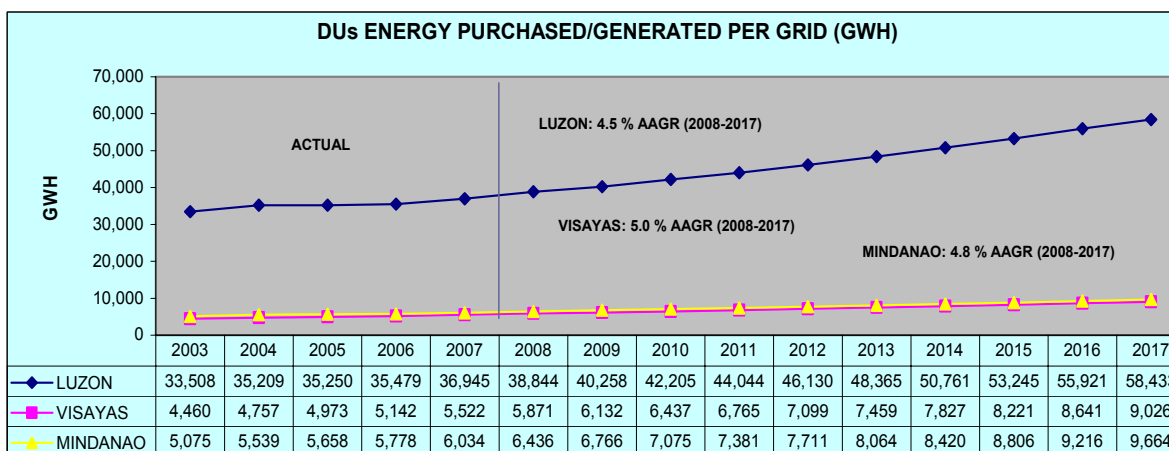
### Energy Requirement

Energy requirement of the DUs is estimated to increase to 51,151 GWh in 2008, 60,940 GWh in 2012 and 77,123 GWh in 2017<sup>4</sup> (Figure5). An annual average growth rate of 4.7% in the energy requirements of Luzon is projected over the ten-year planning period, from 38,844 GWh in 2008 to 58,433 GWh in 2017. Visayas is seen to register an annual average growth rate of 5.0%, from 5,871 GWh in 2008 to 9,026 GWh in 2017, whereas Mindanao will register a 5.0% annual average growth rate, from 6,436 GWh in 2008 to 9,664 GWh in 2017 (Figure 5).

Luzon's PIOUs and LGUOUS energy requirement will increase at an average of 4.3% annually, from 32,684 GWh in 2008 to 47,376 GWh in 2017, while Luzon ECs are expecting an increase of 6.6% annually from 6,160 GWh in 2008 to 11,057 GWh in 2017.

Visayas PIOUs energy requirements will grow at an average of 4.0% annually, from 2,732 GWh in 2008 to 3,833 GWh in 2017, while that of Visayas ECs will rise by 5.9% from 3,138 GWh in 2008 to 5,192 GWh in 2017.

Mindanao PIOUs energy requirement will increase at an average of 3.5% annually while their EC counterparts see a growth of 5.6%.



**Figure 5. DUs ENERGY PUR/GEN PER GRID (GWH), 2003-2017**

<sup>4</sup> In the case of DUs without 2008 DDP submission (footnote 1), data from their respective 2006 and 2007 DDP are used.

## Infrastructure and Capital Requirements

To meet projected increase in energy requirements, about 23,929 ckt-km of lines are programmed for rehabilitation and/or upgrading and 17,448 ckt-km of lines are for construction while an additional 7,871 MVA substation capacity will be constructed<sup>5</sup> (Figure 6 and 7). On a per grid basis, Luzon DUs will require 4,707 MVA additional substation capacity, 9,192 ckt-km of new distribution lines and rehabilitation of 19,734 ckt-km of lines. In the Visayas, DUs plan to rehabilitate 2,059 ckt-km of lines, extend coverage of distribution lines by 4,026 ckt-km, and construct new substation capacity of 1,285 MVA. In Mindanao, developments in the infrastructure requirements are focused on construction of 780 MVA substation capacity and 4,372 ckt-km of distribution lines, and rehabilitation of 2,136 ckt-km of lines.

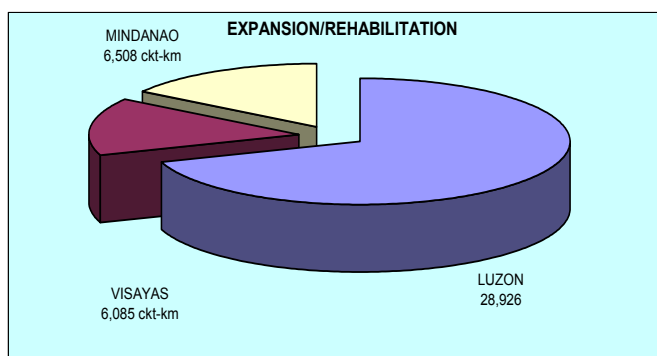


Figure 6. Total Expansion/Rehabilitation (ckt-km), 2008-2017

Implementing all these projects will require P70.7 billion investments (Figure 8). The largest bulk of the financial investments, estimated at about P21.2 billion is for the electrification projects while P30.0 billion will be utilized in the construction of new distribution lines and additional substation capacity and P19.6 billion for rehabilitation of distribution lines.

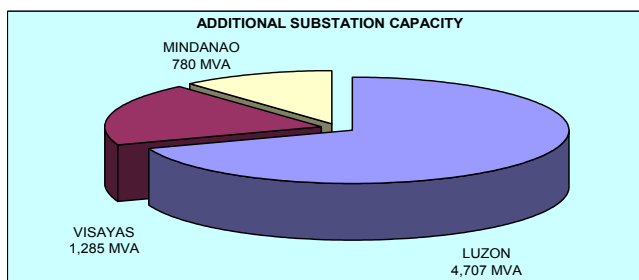


Figure 7. Total Substation Capacity Addition (MVA), 2008-2017

In Luzon, costs for rehabilitation of distribution lines will amount to PhP9.4 billion whereas construction of additional substation capacity and implementation of electrification projects will require P3.4 billion and P10.6 billion, respectively. Expansion projects will entail P7.6 billion in cost. Looking at similar infrastructure requirements in Visayas, expansion of new distribution lines will reach P6.1 billion. Moreover, total cost for new substation capacities is estimated at P6.3 billion, electrification projects at P4.8 billion and rehabilitation projects at P5.2 billion. Similarly, to improve system performance in Mindanao, DUs are projecting an investment of P4.7 billion in expansion of new distribution lines, P2.2 billion in additional substation capacities, P5.8 billion in electrification projects, and P5.1 billion in rehabilitation and upgrading of existing distribution lines.

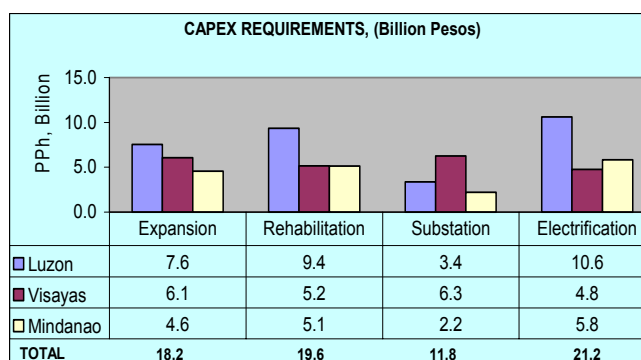


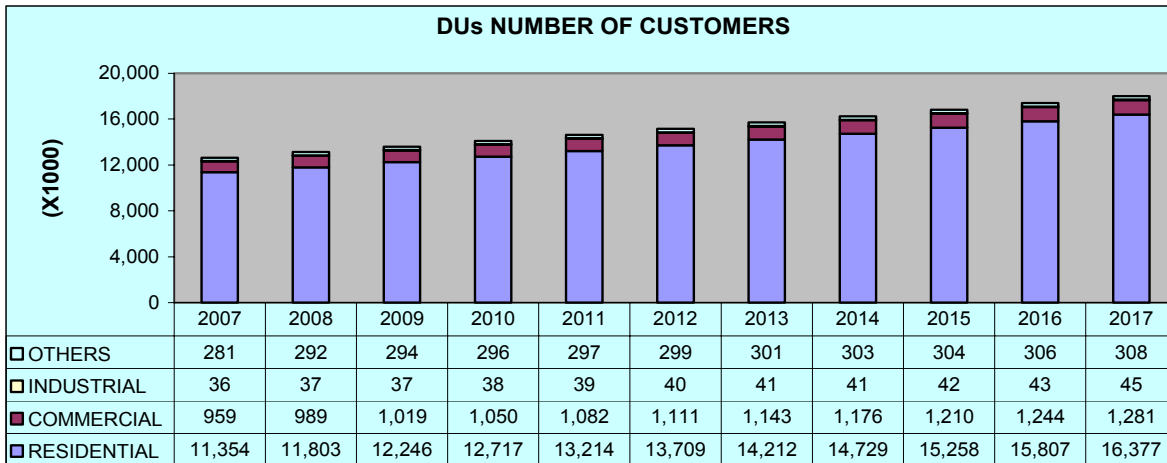
Figure 8. Capital Expenditure Requirements (PPh B), 2008-2017

<sup>5</sup> Figures from DUs with 2008 DDP submission only.



## Number of Customers

In 2007, DUs provided electricity services to at least 12.631 million customers. Over the 2008-2017 planning period, the DUs are expecting a 3.6% increase in the number of customers in 2008, 3.6% in 2012 and 3.5% in 2017<sup>6</sup> (Figure 9). The DUs in Luzon are projecting that their customers will reach 11.079 million in 2017 whereas DUs in the Visayas and Mindanao will have to expand their services to 3.295 million and 3.051 million customers, respectively by 2017.

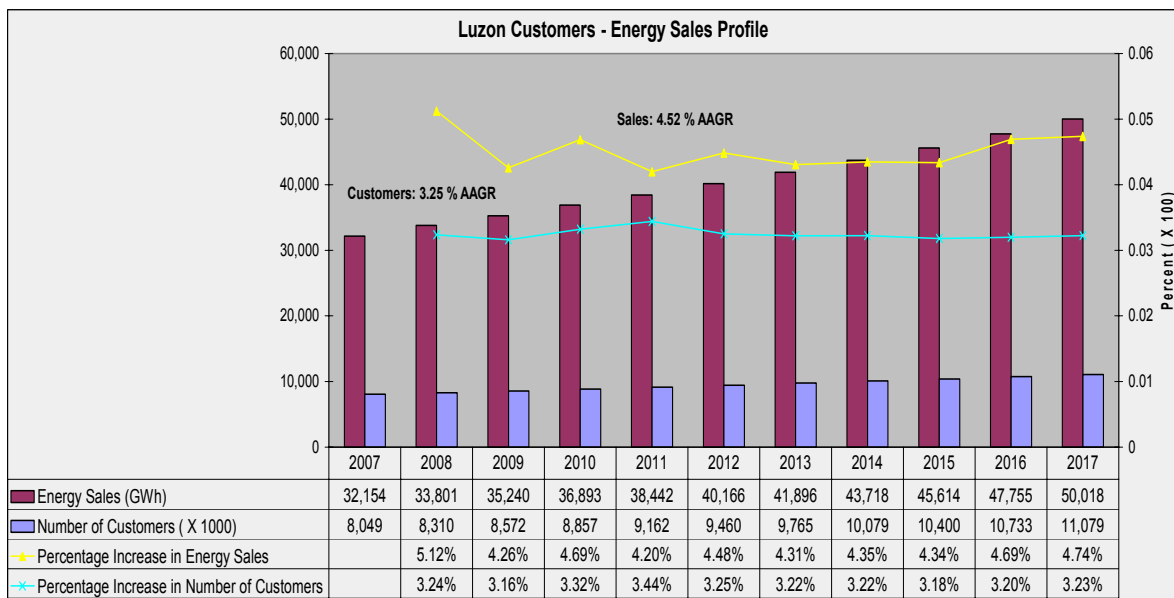


**Figure 9. DUs Number of Customers , 2007-2017**

Note: 2007 Figures are actual.

Over the planning period Luzon PIOUs and LGUOs are projecting an increase of 2.0% in their number of customers whereas Luzon ECs project a 4.9% increase in its customers.

The projected growth rate of 3.2% in the total number of customers in the Luzon grid, from 8.310 million customers in 2008 to 11.079 million customers in 2017, will have a corresponding increase in energy sales of 4.5%, with a estimated energy sales of 33,801 GWh in 2008 to 50,018 GWh in 2017 (Figure 10).



**Figure 10. Luzon Energy Sales - Number of Customers**

Note: 2007 Figures are actual.

In 2007, residential customers of Luzon PIOUs/LGUOUs and ECs account to approximately 55% and 36% respectively of Luzon’s total number of customers. Over the planning period, residential customers of Luzon PIOUs/LGUOUs will comprise of 48% of Luzon DU total customers and around 43% will be that of ECs. PIOUs / LGUOUs customers will be in average 90% residential, while for the ECs an average of 92% are residential customers.

In the Visayas, PIOUs are expecting an increase of 2.5% in their number of customers while the ECs project an increase of 4.8% in its customers.

In 2007, of the total number DU customers in the Visayas region, 73% are residential customers of ECs and 17% are PIUO customers. Over the planning period, 77% of ECs customers will be residential while 14% for PIOUs customers. Approximately 91% in the Visayas region will be residential customers.

A growth rate in energy sales of 5.12% is projected in the Visayas Grid, from 5,193 GWh in 2008 to 8,001 GWh in 2017. This is in comparison with the 4.4% expected growth rate in the number of customers over the planning period from 2.258 Million customers in 2008 to 3.295 million customers in 2017 (Figure 12).

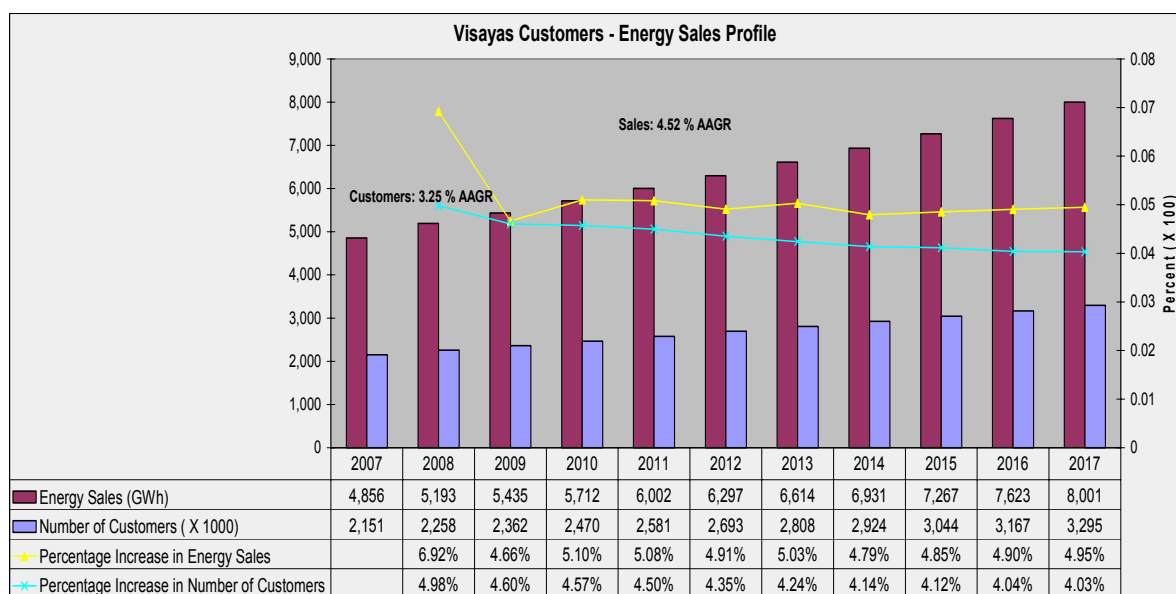


Figure 11. Visayas Energy Sales - Number of Customers

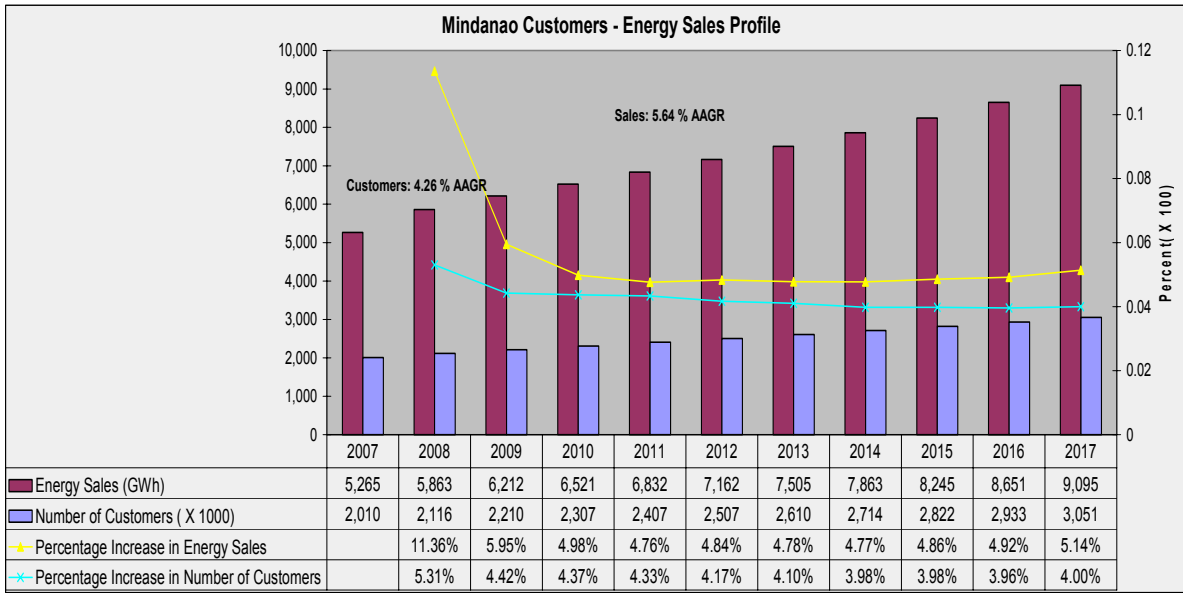
Note: 2007 Figures are actual.

In Mindanao, PIOUs are projecting an increase of 3.4% in their number of customers while the ECs project an increase of 4.3% in its customers.

In total, it is estimated that there will be 3.051 million customers in 2017 from 2.116 million customers in 2008. This is equivalent to a growth rate of 4.3%.

With this increase in the number of customer, Mindanao DUs expect an equivalent growth rate in energy sales over the planning period by an average growth rate of 5.6%, from 5,863 GWh in 2008 to 9,095 GWh in 2017.

Approximately 87 % of Mindanao DUs were residential customer in the year 2007. This percentage will relatively not change over the planning period. Of the total customers of Mindanao DUs, 21% are residential customers of PIOUs while 72% are residential customers of ECs.



**Figure 12. Mindanao Energy Sales - Number of Customers**

Note: 2007 Figures are actual.

<sup>6</sup> Figures from DUs with 2008 DDP submission only.

## SUMMARY TABLES

Annex 1. Total Number of Customers 2007-2017

	ACTUAL	PROJECTION									
<b>LUZON</b>											
<b>PIOUs/LGUOUs</b>	<b>2007</b>	<b>2008</b>	<b>2009</b>	<b>2010</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>	<b>2017</b>
Residential	4,393,629	4,489,008	4,585,198	4,682,215	4,791,351	4,885,913	4,979,456	5,072,655	5,164,854	5,254,882	5,343,452
Commercial	443,885	455,359	467,195	479,889	492,058	502,884	514,945	526,939	538,812	550,494	562,855
Industrial	11,688	11,654	11,613	11,576	11,550	11,558	11,568	11,588	11,613	11,643	11,687
Others	5,470	5,774	5,943	6,030	6,108	6,212	6,299	6,456	6,622	6,820	7,053
<b>Total</b>	<b>4,854,672</b>	<b>4,961,796</b>	<b>5,069,948</b>	<b>5,179,710</b>	<b>5,301,068</b>	<b>5,406,567</b>	<b>5,512,268</b>	<b>5,617,637</b>	<b>5,721,901</b>	<b>5,823,838</b>	<b>5,925,047</b>
<b>ECs</b>											
<b>ECs</b>	<b>2007</b>	<b>2008</b>	<b>2009</b>	<b>2010</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>	<b>2017</b>
Residential	2,913,367	3,056,173	3,203,761	3,371,344	3,547,052	3,731,518	3,922,260	4,122,765	4,329,647	4,550,385	4,784,416
Commercial	156,218	162,363	168,269	174,571	181,256	188,296	195,637	203,434	211,741	220,744	230,284
Industrial	5,066	5,233	5,371	5,539	5,715	5,888	6,044	6,214	6,389	6,579	6,777
Others	119,884	124,129	124,930	125,788	126,631	127,426	128,418	129,399	130,357	131,255	132,433
<b>Total</b>	<b>3,194,535</b>	<b>3,347,898</b>	<b>3,502,331</b>	<b>3,677,242</b>	<b>3,860,635</b>	<b>4,053,128</b>	<b>4,252,360</b>	<b>4,461,813</b>	<b>4,678,134</b>	<b>4,908,964</b>	<b>5,153,911</b>
<b>LUZON TOTAL CUSTOMERS</b>	<b>8,049,207</b>	<b>8,309,694</b>	<b>8,572,280</b>	<b>8,856,952</b>	<b>9,167,722</b>	<b>9,459,695</b>	<b>9,764,628</b>	<b>10,079,450</b>	<b>10,400,035</b>	<b>10,732,802</b>	<b>11,078,958</b>
<b>VISAYAS</b>											
<b>PIOUs</b>	<b>2007</b>	<b>2008</b>	<b>2009</b>	<b>2010</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>	<b>2017</b>
Residential	366,183	376,680	384,603	393,190	401,706	410,131	418,565	427,280	436,119	445,086	454,188
Commercial	44,561	44,852	47,473	50,145	52,812	55,472	58,131	60,811	63,500	66,197	68,904
Industrial	2,402	2,581	2,702	2,824	2,945	3,077	3,199	3,325	3,454	3,584	3,714
Others	943	998	947	981	1,014	1,046	1,080	1,113	1,146	1,179	1,212
<b>Total</b>	<b>414,089</b>	<b>425,111</b>	<b>435,725</b>	<b>447,139</b>	<b>458,477</b>	<b>469,725</b>	<b>480,974</b>	<b>492,529</b>	<b>504,218</b>	<b>516,046</b>	<b>528,018</b>
<b>ECs</b>											
<b>ECs</b>	<b>2007</b>	<b>2008</b>	<b>2009</b>	<b>2010</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>	<b>2017</b>
Residential	1,563,672	1,653,352	1,743,205	1,835,679	1,931,449	2,028,383	2,126,232	2,226,447	2,329,422	2,436,447	2,546,893
Commercial	93,769	97,051	100,304	103,858	107,550	111,239	115,763	119,952	125,263	128,971	133,807
Industrial	3,378	3,530	3,656	3,773	3,915	4,059	4,199	4,347	4,503	4,659	4,822
Others	75,957	78,934	79,055	79,349	79,707	80,013	80,474	80,548	80,741	80,970	81,225
<b>Total</b>	<b>1,736,776</b>	<b>1,832,867</b>	<b>1,926,220</b>	<b>2,022,859</b>	<b>2,122,621</b>	<b>2,223,694</b>	<b>2,326,668</b>	<b>2,431,294</b>	<b>2,539,929</b>	<b>2,651,046</b>	<b>2,766,747</b>
<b>VISAYAS TOTAL CUSTOMERS</b>	<b>2,150,865</b>	<b>2,257,979</b>	<b>2,361,945</b>	<b>2,469,999</b>	<b>2,581,098</b>	<b>2,693,418</b>	<b>2,807,642</b>	<b>2,923,823</b>	<b>3,044,147</b>	<b>3,167,092</b>	<b>3,294,765</b>
<b>MINDANAO</b>											
<b>PIOUs</b>	<b>2007</b>	<b>2008</b>	<b>2009</b>	<b>2010</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>	<b>2017</b>
Residential	364,570	377,854	391,520	405,642	420,232	435,381	451,020	467,160	483,811	500,987	518,697
Commercial	55,501	57,678	58,802	59,994	61,273	61,992	62,807	63,738	64,805	66,025	67,351
Industrial	3,685	3,707	3,750	3,795	3,840	3,895	3,952	4,010	4,069	4,129	4,190
Others	194	213	215	216	231	235	238	240	245	249	248
<b>Total</b>	<b>423,950</b>	<b>439,451</b>	<b>454,288</b>	<b>469,649</b>	<b>485,576</b>	<b>501,503</b>	<b>518,018</b>	<b>535,148</b>	<b>552,930</b>	<b>571,390</b>	<b>590,486</b>
<b>ECs</b>											
<b>ECs</b>	<b>2007</b>	<b>2008</b>	<b>2009</b>	<b>2010</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>	<b>2017</b>
Residential	1,389,901	1,473,386	1,547,631	1,624,375	1,703,776	1,783,755	1,865,378	1,947,266	2,032,617	2,120,658	2,213,115
Commercial	110,898	114,905	118,547	122,399	126,321	130,128	134,155	138,269	142,490	146,865	151,446
Industrial	6,269	6,499	6,731	6,966	7,220	7,495	7,795	8,125	8,492	8,905	9,375
Others	78,730	82,179	82,835	83,273	83,721	84,064	84,504	84,917	85,212	85,668	86,333
<b>Total</b>	<b>1,585,799</b>	<b>1,676,969</b>	<b>1,755,744</b>	<b>1,837,013</b>	<b>1,921,038</b>	<b>2,005,442</b>	<b>2,091,831</b>	<b>2,178,578</b>	<b>2,268,811</b>	<b>2,362,096</b>	<b>2,460,269</b>
<b>MINDANAO TOTAL CUSTOMERS</b>	<b>2,009,749</b>	<b>2,116,420</b>	<b>2,210,032</b>	<b>2,306,663</b>	<b>2,406,613</b>	<b>2,506,945</b>	<b>2,609,850</b>	<b>2,713,727</b>	<b>2,821,741</b>	<b>2,933,486</b>	<b>3,050,755</b>
<b>TOTAL PHILIPPINES</b>											
<b>CUSTOMER TYPE</b>	<b>2007</b>	<b>2008</b>	<b>2009</b>	<b>2010</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>	<b>2017</b>
<b>RESIDENTIAL</b>	<b>10,991,322</b>	<b>11,426,454</b>	<b>11,855,918</b>	<b>12,312,646</b>	<b>12,795,567</b>	<b>13,275,080</b>	<b>13,762,912</b>	<b>14,263,573</b>	<b>14,776,471</b>	<b>15,308,445</b>	<b>15,860,762</b>
<b>COMMERCIAL</b>	<b>904,832</b>	<b>932,208</b>	<b>960,590</b>	<b>990,856</b>	<b>1,021,271</b>	<b>1,050,010</b>	<b>1,081,438</b>	<b>1,113,143</b>	<b>1,146,611</b>	<b>1,179,296</b>	<b>1,214,648</b>
<b>INDUSTRIAL</b>	<b>32,488</b>	<b>33,203</b>	<b>33,824</b>	<b>34,472</b>	<b>35,184</b>	<b>35,972</b>	<b>36,757</b>	<b>37,609</b>	<b>38,520</b>	<b>39,500</b>	<b>40,565</b>
<b>OTHERS</b>	<b>281,178</b>	<b>292,227</b>	<b>293,926</b>	<b>295,639</b>	<b>297,412</b>	<b>298,997</b>	<b>301,013</b>	<b>302,674</b>	<b>304,322</b>	<b>306,139</b>	<b>308,503</b>
<b>TOTAL</b>	<b>12,209,821</b>	<b>12,684,092</b>	<b>13,144,257</b>	<b>13,633,613</b>	<b>14,149,434</b>	<b>14,660,058</b>	<b>15,182,119</b>	<b>15,717,000</b>	<b>16,265,923</b>	<b>16,833,380</b>	<b>17,424,478</b>

NOTE: figures as per 2008 DDP submission only

**Annex 2. Projected Infrastructure Requirements, 2008-2017**

LUZON	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	Total
<b>ECs</b>											
Expansion (ckt-km)	1,299	601	630	444	411	265	143	175	119	147	4,233
Rehabilitation (ckt-km)	936	386	214	228	262	147	167	66	92	53	2,552
Substation (MVA)	255	155	155	80	70	108	55	50	75	25	1,028
<b>PIOUs/LGUOUs</b>											
Expansion (ckt-km)	758	662	689	707	716	286	286	287	286	284	4,959
Rehabilitation (ckt-km)	3,670	3,554	3,257	2,947	3,709	13	8	8	8	8	17,182
Substation (MVA)	496	1,038	312	1,106	672		55				3,679
<b>TOTAL LUZON</b>	<b>2006</b>	<b>2007</b>	<b>2008</b>	<b>2009</b>	<b>2010</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>	<b>Total</b>
Expansion (ckt-km)	2,056	1,263	1,319	1,151	1,127	551	429	462	404	430	9,192
Rehabilitation (ckt-km)	4,606	3,941	3,471	3,175	3,971	160	175	74	100	61	19,734
Substation (MVA)	751	1,193	467	1,186	742	108	110	50	75	25	4,707
<b>VISAYAS</b>	<b>2008</b>	<b>2009</b>	<b>2010</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>	<b>2017</b>	<b>Total</b>
<b>ECs</b>											
Expansion (ckt-km)	638	422	293	146	121	119	96	87	70	58	2,050
Rehabilitation (ckt-km)	353	295	189	113	127	119	73	88	71	94	1,522
Substation (MVA)	109	95	63	35	33	40	35	15	36	10	470
<b>PIOUs/LGUOUs</b>											
Expansion (ckt-km)	201	296	180	185	184	190	184	184	185	185	1,975
Rehabilitation (ckt-km)	50	52	50	51	50	58	62	54	55	56	537
Substation (MVA)	220	90	250	60	50	25	35	35	25	25	815
<b>TOTAL VISAYAS</b>	<b>2006</b>	<b>2007</b>	<b>2008</b>	<b>2009</b>	<b>2010</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>	<b>Total</b>
Expansion (ckt-km)	839	718	474	331	306	309	280	271	255	243	4,026
Rehabilitation (ckt-km)	403	347	239	164	177	177	135	142	126	150	2,059
Substation (MVA)	329	185	313	95	83	65	70	50	61	35	1,285
<b>MINDANAO</b>	<b>2008</b>	<b>2009</b>	<b>2010</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>	<b>2017</b>	<b>Total</b>
<b>ECs</b>											
Expansion (ckt-km)	1,813	729	637	257	136	89	81	100			3,842
Rehabilitation (ckt-km)	657	322	321	243	153	90	77	57	46	26	1,992
Substation (MVA)	207	25	20	21	45	25	6	55	0	0	404
<b>PIOUs/LGUOUs</b>											
Expansion (ckt-km)	136	39	72	57	57	49	31	28	27	35	530
Rehabilitation (ckt-km)	35	40	11	17	1	7	15	6	6	6	144
Substation (MVA)	185	43		27	53		53	15			376
<b>TOTAL MINDANAO</b>	<b>2007</b>	<b>2008</b>	<b>2009</b>	<b>2010</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>	<b>Total</b>
Expansion (ckt-km)	1,949	769	709	314	193	137	111	128	27	35	4,372
Rehabilitation (ckt-km)	691	362	332	260	154	96	92	63	52	32	2,136
Substation (MVA)	392	68	20	48	98	25	59	70	0	0	780
<b>TOTAL PHILIPPINES</b>	<b>2008</b>	<b>2009</b>	<b>2010</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>	<b>2017</b>	<b>Total</b>
Expansion (ckt-km)	4,845	2,749	2,502	1,796	1,626	997	820	861	686	708	17,590
Rehabilitation (ckt-km)	5,700	4,650	4,042	3,599	4,302	432	403	279	279	243	23,929
Substation (MVA)	1,472	1,446	800	1,329	923	198	239	170	136	60	6,771

NOTES: figures as per 2008 DDP submission only

**Annex 3. Projected Capital Investment Requirements (Million Pesos) 2008-2017**

<b>LUZON</b>	<b>2008</b>	<b>2009</b>	<b>2010</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>	<b>2017</b>	<b>Total</b>
<b>ECs</b>											
Expansion (ckt-km)	1,818	1,011	983	947	591	454	138	302	55	251	6,549
Rehabilitation (ckt-km)	1,281	957	690	599	1,009	864	1,043	766	1,002	882	9,092
Substation Projects (MVA)	528	444	452	224	194	248	170	148	212	80	2,701
Electrification Projects	1,234	1,030	1,009	947	1,027	974	1,014	1,052	1,100	1,121	10,508
<b>PIOUs/LGUOU</b>											
Expansion (ckt-km)	232	154	98	112	71	80	75	64	61	61	1,009
Rehabilitation (ckt-km)	75	57	38	38	11	24	5	5	5	5	264
Substation Projects (MVA)	135		122		236		168	0			661
Electrification Projects	10	10	10	10	10	10	10	10	10	10	100
<b>TOTAL LUZON</b>											
Expansion (ckt-km)	2,051	1,165	1,081	1,058	662	534	213	366	116	313	7,558
Rehabilitation (ckt-km)	1,356	1,014	728	638	1,019	888	1,048	771	1,007	887	9,356
Substation Projects (MVA)	663	444	573	224	430	248	339	148	212	80	3,362
Electrification Projects	1,244	1,040	1,019	957	1,037	984	1,024	1,062	1,110	1,131	10,608
<b>VISAYAS</b>	<b>2008</b>	<b>2009</b>	<b>2010</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>	<b>2017</b>	<b>Total</b>
<b>ECs</b>											
Expansion (ckt-km)	853	750	379	227	236	158	179	114	129	104	3,130
Rehabilitation (ckt-km)	601	553	480	457	454	419	339	351	389	372	4,416
Substation Projects (MVA)	458	217	160	98	74	111	92	66	107	20	1,403
Electrification Projects	681	486	417	424	446	435	429	421	454	457	4,650
<b>PIOUs/LGUOU</b>											
Expansion (ckt-km)	248	283	269	274	285	294	304	314	324	334	2,928
Rehabilitation (ckt-km)	60	47	78	72	75	79	81	84	86	89	751
Substation Projects (MVA)	392	516	462	455	461	478	495	523	529	546	4,855
Electrification Projects	9	10	11	11	12	12	12	12	12	12	113
<b>TOTAL VISAYAS</b>											
Expansion (ckt-km)	1,101	1,033	647	501	521	452	483	428	453	439	6,058
Rehabilitation (ckt-km)	661	600	558	529	529	498	421	435	475	461	5,167
Substation Projects (MVA)	849	733	621	554	535	589	587	589	636	566	6,259
Electrification Projects	690	496	428	436	458	447	441	433	466	469	4,764
<b>MINDANAO</b>	<b>2008</b>	<b>2009</b>	<b>2010</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>	<b>2017</b>	<b>Total</b>
<b>ECs</b>											
Expansion (ckt-km)	1,481	788	705	412	89	60	40	82	5	4	3,665
Rehabilitation (ckt-km)	625	420	516	489	537	438	450	435	502	505	4,918
Substation Projects (MVA)	694	92	141	156	135	48	55	117	0	0	1,439
Electrification Projects	800	541	493	518	593	491	547	513	573	572	5,641
<b>PIOUs/LGUOU</b>											
Expansion (ckt-km)	191	42	200	137	69	62	35	50	45	72	904
Rehabilitation (ckt-km)	59	47	24	30	2	9	20	6	6	6	208
Substation Projects (MVA)	312	86		50	115	27	126	27		46	788
Electrification Projects	81	51	18	10	11	5	5	5			186
<b>TOTAL MINDANAO</b>											
Expansion (ckt-km)	1,672	830	906	549	158	122	75	131	50	76	4,569
Rehabilitation (ckt-km)	684	467	541	519	539	447	471	441	508	510	5,126
Substation Projects (MVA)	1,006	179	141	206	250	75	181	144	0	46	2,227
Electrification Projects	881	592	511	528	604	496	552	518	573	572	5,827
<b>TOTAL PHILIPPINES</b>	<b>2008</b>	<b>2009</b>	<b>2010</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>	<b>2017</b>	<b>Total</b>
Expansion (ckt-km)	4,824	3,028	2,634	2,109	1,341	1,108	770	925	620	827	18,185
Rehabilitation (ckt-km)	2,702	2,080	1,827	1,686	2,088	1,832	1,939	1,647	1,990	1,858	19,649
Substation Projects (MVA)	2,518	1,355	1,335	984	1,216	912	1,106	881	848	692	11,847
Electrification Projects	2,815	2,128	1,958	1,922	2,099	1,928	2,016	2,012	2,149	2,172	21,199

NOTES: figures as per 2008 DDP submission only





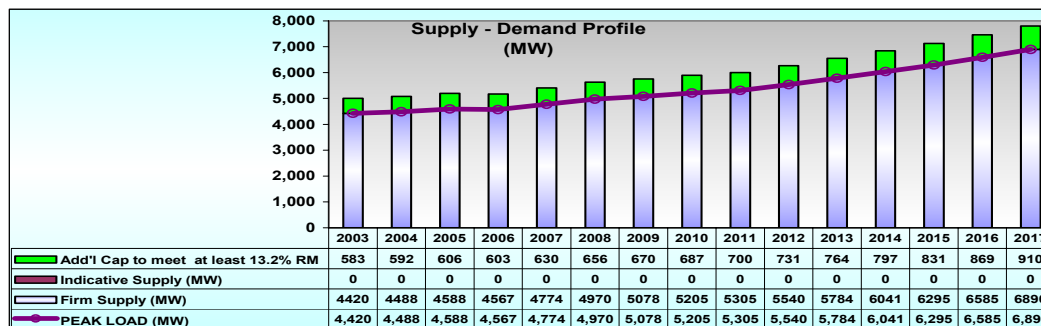


**LUZON  
ONE-PAGE DDP  
SUMMARY**

LUZON  
PRIVATE INVESTOR-OWNED  
UTILITIES and LOCAL  
GOVERNMENT  
UNIT-OWNED UTILITIES

## Manila Electric Company, Inc. (MERALCO)

General Information	
Location	Project Management Office, 3rd Flr. TSB, Meralco
Contact Person	Ricardo V. Buenacamino
Position	Executive Vice President & Head, Networks
Tel. No:	1622-8695
Fax No:	1622-6557
E-mail Address	rvbuenacamino@meralco.com.ph
Coverage Area	9,337.5 sq.km.
No. of barangays	4,314
Franchise Population	
SUPPLY HIGHLIGHTS	



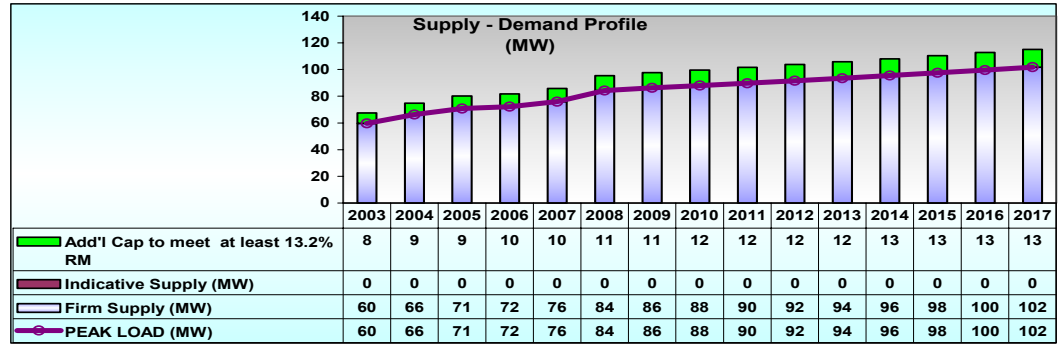
No. of Customers	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	AAGR
Residential	4,134,468	4,222,625	4,309,892	4,407,926	4,493,040	4,576,893	4,659,360	4,740,318	4,819,644	4,897,216	2%
Commercial	413,812	424,413	435,753	446,595	458,027	469,227	480,234	491,050	501,710	512,161	2%
Industrial	9,964	9,835	9,704	9,583	9,490	9,394	9,301	9,208	9,113	9,025	-1%
Others	4,222	4,288	4,353	4,417	4,480	4,543	4,604	4,664	4,723	4,781	2%
<b>Total</b>	<b>4,562,466</b>	<b>4,661,161</b>	<b>4,759,702</b>	<b>4,868,521</b>	<b>4,965,037</b>	<b>5,060,057</b>	<b>5,153,499</b>	<b>5,245,240</b>	<b>5,335,190</b>	<b>5,423,183</b>	<b>2%</b>
Energy Sales per Customer Type (MWh)	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	AAGR
Residential	9,036,013	9,300,569	9,639,909	9,954,020	10,283,778	10,573,417	10,867,943	11,167,600	11,472,664	11,783,451	3%
Commercial	10,611,782	11,150,312	11,767,033	12,288,982	12,909,206	13,549,908	14,233,824	14,922,117	15,727,084	16,545,146	5%
Industrial	7,637,478	7,898,563	8,197,454	8,492,641	8,799,610	9,080,360	9,351,469	9,618,174	9,927,411	10,236,351	3%
Others	277,783	275,876	278,497	279,500	286,543	293,483	300,307	307,007	313,571	319,991	2%
<b>Total</b>	<b>27,563,056</b>	<b>28,625,319</b>	<b>29,882,893</b>	<b>31,015,143</b>	<b>32,279,137</b>	<b>33,497,168</b>	<b>34,753,544</b>	<b>36,014,898</b>	<b>37,440,730</b>	<b>38,884,939</b>	<b>4%</b>
Projected Infrastructure Requirements	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	TOTAL
Distribution/Sub-transmission Facilities	4,003	3,885	3,629	3,337	4,108						18,961
Expansion(ckt-km)	380	360	392	412	420						1,963
Rehabilitation(ckt-km)	3,623	3,524	3,237	2,925	3,688						16,998
Substation Capacity (MVA)	466	1,013	282	1,066	632						3,459
Reactive Power Compensation Plan (MVAr)	14	50	25	14	29						133
Capital Investment Requirements(in Million Php)	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	TOTAL
Distribution/Sub-transmission Facilities											
Expansion											
Rehabilitation											
Substation Projects											
Electrification Projects											
<b>Total</b>											
Level of Electrification	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	
<b>Barangay Level (%)</b>	<b>99%</b>	<b>99%</b>	<b>99%</b>	<b>99%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	
No of Barangays Electrified (On-Grid)	4,256	4,263	4,270	4,274	4,274	4,274	4,274	4,274	4,274	4,274	
No. of Barangays Electrified (Off-Grid)				16	40	40	40	40	40	40	
<b>Total</b>	<b>4,256</b>	<b>4,263</b>	<b>4,270</b>	<b>4,290</b>	<b>4,314</b>	<b>4,314</b>	<b>4,314</b>	<b>4,314</b>	<b>4,314</b>	<b>4,314</b>	
<b>Household Level (%)</b>	<b>99%</b>	<b>99%</b>	<b>99%</b>	<b>99%</b>	<b>99%</b>	<b>99%</b>	<b>99%</b>	<b>99%</b>	<b>99%</b>	<b>99%</b>	
No. of Households Electrified (On-Grid)	4,468,409	4,534,272	4,599,285	4,663,837	4,728,286	4,793,025	4,858,483	4,925,093	4,993,347	5,063,773	
No. of Households Electrified (Off-Grid)											
<b>Total</b>	<b>4,468,409</b>	<b>4,534,272</b>	<b>4,599,285</b>	<b>4,663,837</b>	<b>4,728,286</b>	<b>4,793,025</b>	<b>4,858,483</b>	<b>4,925,093</b>	<b>4,993,347</b>	<b>5,063,773</b>	

**Franchise Coverage:**

Covers the whole of Metro Manila, the whole province of Bulacan, Cavite and Rizal and portions of the provinces of Laguna, Batangas and Quezon: Laguna; Alaminos, Bay, Biñan, Cabuyao, Calamba, Calauan, Liliw, Los Baños, Luisiana, Magdalena, Majayjay, Nagcarlan, Pila, Rizal, San Pablo City, San Pedro, Sta.Cruz, Sta.Rosa, and Victoria; Batangas; Batangas City, San Pascual, and Sto.Tomas; Quezon; Candelaria, Dolores, Lucban, Lucena City, Mauban, Pagbilao, Sampaloc, San Antonio, Sariaya, Tayabas, and Tiaong; Pampanga; barangays of Apalit, Candaba, and San Simon.

# San Fernando Electric Light and Power Company, Inc. (SFELAPCO)

General Information	
Location	Lourdes, City of San Fernando
Contact Person	Jose T. Lazatin
Position	Senior VP and General Manager
Tel. No:	(045) 961-2727 loc. 116
Fax No:	(045) 961-1210
E-mail Address	sfelapco@aboitiz.com
Coverage Area	203,514 sq.km.
No. of barangays	68
Franchise Population	
SUPPLY HIGHLIGHTS	



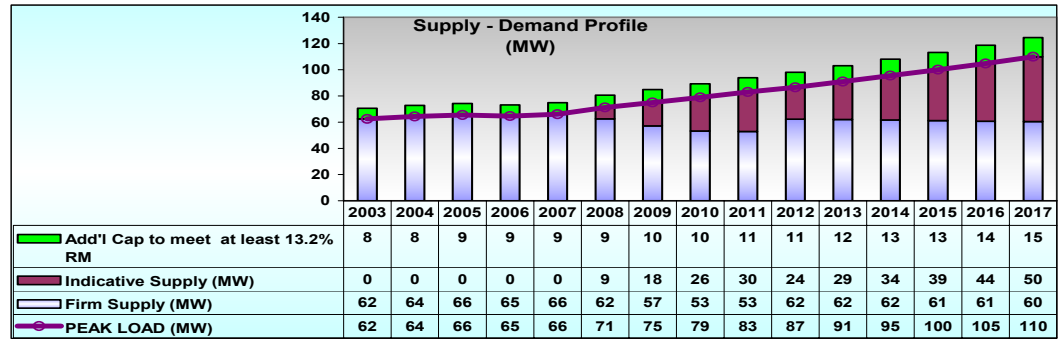
No. of Customers	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	AAGR
Residential	62,166	63,409	64,678	65,971	67,290	68,636	70,009	71,409	72,837	74,294	2%
Commercial	7,330	7,550	7,776	8,010	8,250	8,497	8,752	9,015	9,285	9,564	3%
Industrial	203	209	215	222	228	235	242	249	257	264	3%
Others	153	153	153	153	153	153	153	153	153	153	0.1%
<b>Total</b>	<b>69,852</b>	<b>71,321</b>	<b>72,822</b>	<b>74,356</b>	<b>75,921</b>	<b>77,521</b>	<b>79,156</b>	<b>80,826</b>	<b>82,532</b>	<b>84,275</b>	<b>2%</b>
Energy Sales per Customer Type (MWh)	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	AAGR
Residential	122,799	124,027	125,267	126,520	127,785	129,063	130,353	131,657	132,974	134,303	1%
Commercial	86,519	88,249	90,014	91,815	93,651	95,524	97,434	99,383	101,371	103,398	2%
Industrial	220,552	226,320	232,289	238,464	244,857	251,474	258,322	265,414	272,756	280,360	5%
Others	7,756	7,756	7,756	7,756	7,756	7,756	7,756	7,756	7,756	7,756	0%
<b>Total</b>	<b>437,626</b>	<b>446,352</b>	<b>455,326</b>	<b>464,555</b>	<b>474,049</b>	<b>483,817</b>	<b>493,865</b>	<b>504,210</b>	<b>514,857</b>	<b>525,817</b>	<b>3%</b>
Projected Infrastructure Requirements	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	TOTAL
Distribution/Sub-transmission Facilities	24	12	10	10	7	11	5	5	5	5	94
<i>Expansion(ckt-km)</i>	22	10	8	5	5	4	3	3	3	3	66
<i>Rehabilitation(ckt-km)</i>	2	2	2	5	2	7	2	2	2	2	28
Substation Capacity (MVA)	10		30		25		25				90
Reactive Power Compensation Plan (MVar)	1.2	0.3	0.6	0.3	0.6	0.3	0.6	0.3	0.6	0.3	5
Capital Investment Requirements(in Million Php)	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	TOTAL
Distribution/Sub-transmission Facilities	58	14	23	27	12	38	11	11	12	12	219
<i>Expansion</i>	53	11	18	13	9	14	7	7	7	7	147
<i>Rehabilitation</i>	5	2	5	14	3	24	4	5	5	5	72
Substation Projects	35		122		112		123				392
Electrification Projects											
<b>Total</b>											
Level of Electrification	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	
Barangay Level (%)	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	
No of Barangays Electrified (On-Grid)	68	68	68	68	68	68	68	68	68	68	
No. of Barangays Electrified (Off-Grid)											
<b>Total</b>	<b>68</b>	<b>68</b>	<b>68</b>	<b>68</b>	<b>68</b>	<b>68</b>	<b>68</b>	<b>68</b>	<b>68</b>	<b>68</b>	
Household Level (%)											
No. of Households Electrified (On-Grid)											
No. of Households Electrified (Off-Grid)											
<b>Total</b>											

Franchise Coverage:

San Fernando City and Floridablanca

## Angeles Electric Corporation, Inc. (AEC)

General Information	
Location	Don Juan cor. Dona Teresa Ave., Nepo Mart
Contact Person	Engr. Geromin T. Nenomuceno, Jr.
Position	President
Tel. No:	(045) 888-2888/(045) 322-8311
Fax No:	(045) 636-6494
E-mail Address	aec_engg@mozcom.com
Coverage Area	62.17 sq.km.
No. of barangays	33
Franchise Population	263,971 (Census Population, May 2000)



### SUPPLY HIGHLIGHTS

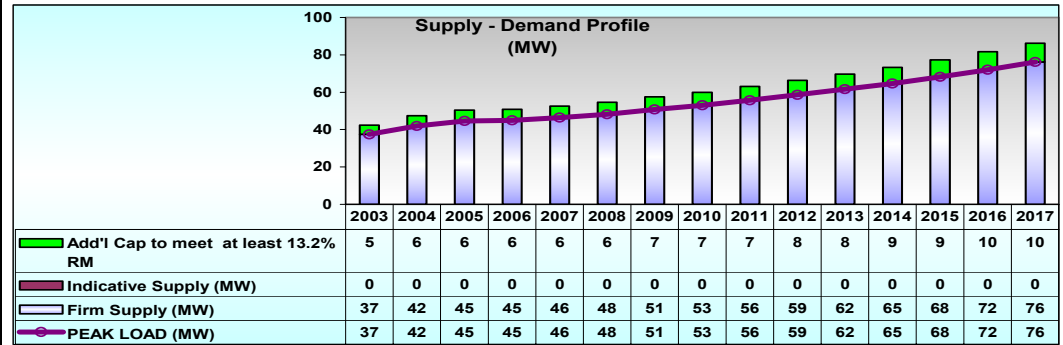
No. of Customers	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	AAGR
Residential	69,024	70,824	72,672	74,568	76,514	78,510	80,559	82,661	84,817	87,030	3%
Commercial	10,048	10,216	10,387	10,561	10,737	10,917	11,100	11,285	11,474	11,666	1%
Industrial	1,304	1,375	1,451	1,531	1,616	1,705	1,799	1,898	2,002	2,113	6%
Others	585	554	525	498	472	447	424	402	381	361	-6%
<b>Total</b>	<b>80,961</b>	<b>82,969</b>	<b>85,035</b>	<b>87,158</b>	<b>89,339</b>	<b>91,579</b>	<b>93,882</b>	<b>96,246</b>	<b>98,674</b>	<b>101,170</b>	<b>2%</b>
Energy Sales per Customer Type (MWh)	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	AAGR
Residential	164,097	171,964	180,262	189,015	198,054	207,581	217,627	228,221	239,397	250,944	5%
Commercial	176,526	188,079	200,480	213,795	227,142	241,407	256,657	272,964	290,407	308,032	7%
Industrial	9,000	9,427	9,878	10,354	10,794	11,254	11,735	12,237	12,763	13,233	5%
Others	12,811	13,532	14,303	15,128	15,864	16,641	17,461	18,329	19,246	20,036	6%
<b>Total</b>	<b>362,433</b>	<b>383,002</b>	<b>404,922</b>	<b>428,292</b>	<b>451,854</b>	<b>476,883</b>	<b>503,479</b>	<b>531,751</b>	<b>561,812</b>	<b>592,245</b>	<b>6%</b>
Projected Infrastructure Requirements	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	TOTAL
Distribution/Sub-transmission Facilities	42	5	10	5	5	5	5	5	5	5	92
Expansion(ckt-km)	24	5	5	5	5	5	5	5	5	5	69
Rehabilitation(ckt-km)	19		5								23
Substation Capacity (MVA)				40							40
Reactive Power Compensation Plan (MVAr)											
Capital Investment Requirements(in Million Php)	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	TOTAL
Distribution/Sub-transmission Facilities	59	60	21			4	4	4	4	4	161
Expansion	33	60	11			4	4	4	4	4	124
Rehabilitation	26		10								36
Substation Projects				64	64						128
Electrification Projects	10	10	10	10	10	10	10	10	10	10	100
<b>Total</b>	<b>69</b>	<b>70</b>	<b>31</b>	<b>74</b>	<b>74</b>	<b>14</b>	<b>14</b>	<b>14</b>	<b>14</b>	<b>14</b>	<b>389</b>
Level of Electrification	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	
<b>Barangay Level (%)</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	
No. of Barangays Electrified (On-Grid)	33	33	33	33	33	33	33	33	33	33	
No. of Barangays Electrified (Off-Grid)											
<b>Total</b>	<b>33</b>	<b>33</b>	<b>33</b>	<b>33</b>	<b>33</b>	<b>33</b>	<b>33</b>	<b>33</b>	<b>33</b>	<b>33</b>	
<b>Household Level (%)</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	
No. of Households Electrified (On-Grid)	69,024	70,824	72,672	74,568	76,514	78,510	80,559	80,559	82,661	84,817	
No. of Households Electrified (Off-Grid)											
<b>Total</b>	<b>69,024</b>	<b>70,824</b>	<b>72,672</b>	<b>74,568</b>	<b>76,514</b>	<b>78,510</b>	<b>80,559</b>	<b>80,559</b>	<b>82,661</b>	<b>84,817</b>	

Franchise Coverage:

1 City (Angeles City)

## Tarlac Electric Incorporated (TEI)

General Information	
Location	123 Mabini Street, Tarlac City
Contact Person	Vivencio M. Romero Jr.
Position	President/General Manger
Tel. No:	(045) 982-3411
Fax No:	(045) 982-3411
E-mail Address	
Coverage Area	395 sq.km.
No. of barangays	76
Franchise Population	
SUPPLY HIGHLIGHTS	



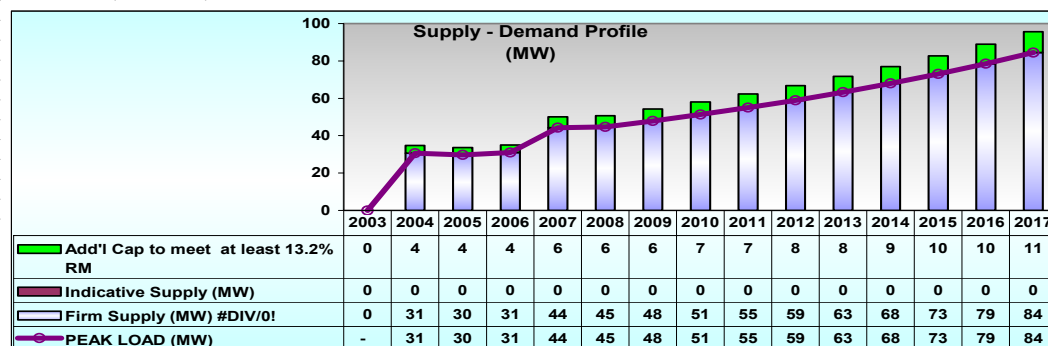
No. of Customers	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	AAGR
Residential	54,200	55,826	57,500	59,513	61,596	63,752	66,302	68,954	71,712	74,580	4%
Commercial	3,086	3,179	3,284	3,402	3,531	3,658	3,790	3,927	4,068	4,214	3%
Industrial	24	25	26	26	27	28	29	30	31	32	3%
Others	70	73	75	78	81	85	90	95	100	105	4%
<b>Total</b>	<b>57,380</b>	<b>59,103</b>	<b>60,885</b>	<b>63,019</b>	<b>65,235</b>	<b>67,523</b>	<b>70,211</b>	<b>73,006</b>	<b>75,911</b>	<b>78,931</b>	<b>4%</b>
Energy Sales per Customer Type (MWh)	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	AAGR
Residential	79,673	83,048	86,737	91,137	95,770	100,659	106,308	112,218	118,458	125,044	5%
Commercial	34,819	36,438	38,242	40,273	42,493	44,727	47,079	49,530	52,082	54,767	5%
Industrial	50,515	53,747	57,520	61,854	66,516	71,528	76,919	82,756	89,078	95,884	7%
Others	46,759	51,708	53,785	56,405	59,513	63,070	67,092	71,427	75,904	80,800	6%
<b>Total</b>	<b>211,766</b>	<b>224,941</b>	<b>236,284</b>	<b>249,669</b>	<b>264,292</b>	<b>279,984</b>	<b>297,398</b>	<b>315,931</b>	<b>335,522</b>	<b>356,495</b>	<b>6%</b>
Projected Infrastructure Requirements	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	TOTAL
Distribution/Sub-transmission Facilities	38	26	15	15	15	15	15	15	12	10	176
<i>Expansion(ckt-km)</i>	31	15	15	15	15	15	15	15	12	10	158
<i>Rehabilitation(ckt-km)</i>	7	11									19
Substation Capacity (MVA)	20						30				50
Reactive Power Compensation Plan (MVAr)	2	1	1	1	1	1	1	1	1	1	8
Capital Investment Requirements(in Million Php)	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	TOTAL
Distribution/Sub-transmission Facilities	74	64	24	29	29	29	36	29	27	25	367
<i>Expansion</i>	60	36	24	29	29	29	36	29	27	25	325
<i>Rehabilitation</i>	14	27									42
Substation Projects	100			4			45				148
Electrification Projects											
<b>Total</b>	<b>174</b>	<b>64</b>	<b>24</b>	<b>32</b>	<b>29</b>	<b>29</b>	<b>81</b>	<b>29</b>	<b>27</b>	<b>25</b>	<b>515</b>
Level of Electrification	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	
<b>Barangay Level (%)</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	
No of Barangays Electrified (On-Grid)	76	76	76	76	76	76	76	76	76	76	
No. of Barangays Electrified (Off-Grid)											
<b>Total</b>	<b>76</b>	<b>76</b>	<b>76</b>	<b>76</b>	<b>76</b>	<b>76</b>	<b>76</b>	<b>76</b>	<b>76</b>	<b>76</b>	
<b>Household Level (%)</b>	<b>95%</b>	<b>96%</b>	<b>96%</b>	<b>97%</b>	<b>97%</b>	<b>97%</b>	<b>97%</b>	<b>98%</b>	<b>98%</b>	<b>99%</b>	
No. of Households Electrified (On-Grid)	54,200	55,826	57,500	59,513	61,596	63,752	66,302	68,954	71,712	74,580	
No. of Households Electrified (Off-Grid)											
<b>Total</b>	<b>54,200</b>	<b>55,826</b>	<b>57,500</b>	<b>59,513</b>	<b>61,596</b>	<b>63,752</b>	<b>66,302</b>	<b>68,954</b>	<b>71,712</b>	<b>74,580</b>	

Franchise Coverage:

City of Tarlac

## Subic Enerzone Corporation (SEZ)

General Information	
Location	Canal Road Corner Labitan St., Subic Bay Freeport
Contact Person	Engr. Dante T. Pollescas
Position	Vice President and General Manager
Tel. No:	(047) 252-7392
Fax No:	(047) 252-7397
E-mail Address	dpollescas@aboitiz.com
Coverage Area	675.04 sq.km.
No. of barangays	
Franchise Population	
SUPPLY HIGHLIGHTS	
SEZ is a utility company operating in Subic Bay Freeport Zone. SEZ started its operation last Oct. 2003. Energy Supply needed used to be purchased from NPC and Mirant Philippines but SEZ ended its contract with Mirant, so energy requirement is now solely sourced from NPC.	



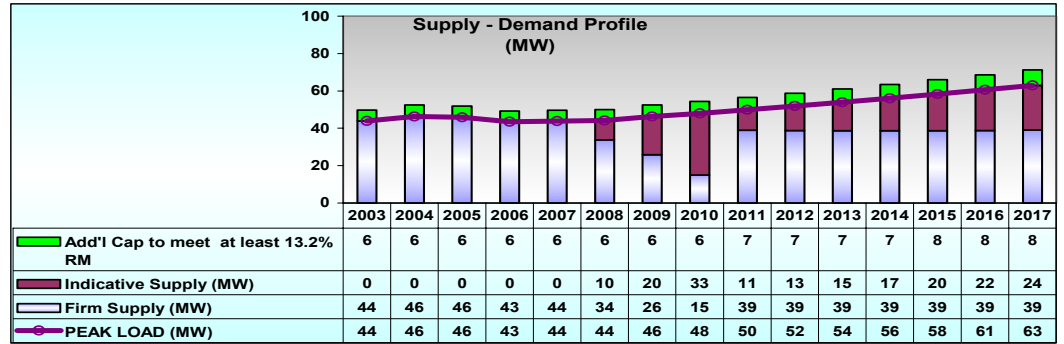
No. of Customers	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	AAGR
Residential	1,549	1,593	1,638	1,684	1,732	1,781	1,831	1,883	1,936	1,991	3%
Commercial	860	880	899	920	940	961	983	1,005	1,028	1,051	2%
Industrial	82	89	96	103	111	119	128	138	149	160	8%
Others	112	134	160	190	227	270	322	384	458	547	19%
<b>Total</b>	<b>2,603</b>	<b>2,696</b>	<b>2,793</b>	<b>2,897</b>	<b>3,010</b>	<b>3,131</b>	<b>3,264</b>	<b>3,410</b>	<b>3,571</b>	<b>3,749</b>	<b>4%</b>
Energy Sales per Customer Type (MWh)	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	AAGR
Residential	14,307	15,159	16,063	17,020	18,035	19,110	20,249	21,455	22,734	24,089	6%
Commercial	48,939	49,709	50,492	51,288	52,095	52,916	53,749	54,596	55,455	56,329	2%
Industrial	189,054	205,388	223,133	242,412	263,356	286,110	310,830	337,686	366,862	398,558	12%
Others	3,776	3,844	3,910	3,978	4,048	4,120	4,192	4,264	4,340	4,416	2%
<b>Total</b>	<b>256,076</b>	<b>274,100</b>	<b>293,598</b>	<b>314,698</b>	<b>337,534</b>	<b>362,256</b>	<b>389,020</b>	<b>418,001</b>	<b>449,391</b>	<b>483,392</b>	<b>9%</b>
Projected Infrastructure Requirements	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	TOTAL
Distribution/Sub-transmission Facilities	3.7	4.5	1.5	23.5	3.5	2.5	2.0	1.5	1.5	1.5	46
Expansion(ckt-km)	3	3	1	23	1	2	2	1	1	1	38
Rehabilitation(ckt-km)	1	2	1	1	3	1	1	1	1	1	8
Substation Capacity (MVA)					100						100
Reactive Power Compensation Plan (MVAr)	3	2	2	1	0.5	0.5	0.5	0.5	0.5	0.5	10
Capital Investment Requirements(in Million Php)	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	TOTAL
Distribution/Sub-transmission Facilities	5	4	2	33	1	1	1	1	1	1	50
Expansion	4	3	1	32		1	1	1	1	1	45
Rehabilitation	1	1	1	1	1						4
Substation Projects					60						60
Electrification Projects											
<b>Total</b>	<b>5</b>	<b>4</b>	<b>2</b>	<b>33</b>	<b>61</b>	<b>1</b>	<b>1</b>	<b>1</b>	<b>1</b>	<b>1</b>	<b>110</b>
Level of Electrification	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	
<b>Barangay Level (%)</b>											
No of Barangays Electrified (On-Grid)											
No. of Barangays Electrified (Off-Grid)											
<b>Total</b>											
<b>Household Level (%)</b>											
No. of Households Electrified (On-Grid)											
No. of Households Electrified (Off-Grid)											
<b>Total</b>											

Franchise Coverage:

Subic Bay Freeport Zone, Redondo Peninsula, Grande Island

## Dagupan Electric Corporation, Inc. (DECORP)

General Information	
Location	Suite 300, Veria Building, #62 West Avenue, Quezon
Contact Person	Dave Andrew F. Opiso
Position	Business Manager
Tel. No:	(02) 374-2134 / 3039
Fax No:	(02) 371-4683
E-mail Address	dafo74@yahoo.com
Coverage Area	
No. of barangays	153
Franchise Population	
SUPPLY HIGHLIGHTS	



No. of Customers	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	AAGR
Residential	75,196	77,828	80,552	83,371	85,120	87,516	89,972	92,489	95,069	97,713	3%
Commercial	7,995	8,469	9,098	9,775	8,542	8,702	8,864	9,029	9,197	9,369	2%
Industrial	10	11	11	11	11	11	11	11	11	11	2%
Others	23	23	23	23	23	23	23	23	23	23	-3%
<b>Total</b>	<b>83,224</b>	<b>86,331</b>	<b>89,684</b>	<b>93,180</b>	<b>93,696</b>	<b>96,252</b>	<b>98,870</b>	<b>101,552</b>	<b>104,300</b>	<b>107,116</b>	<b>3%</b>
Energy Sales per Customer Type (MWh)	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	AAGR
Residential	108,310	112,101	116,025	118,020	124,788	131,320	137,593	143,584	149,266	154,614	4%
Commercial	78,396	82,407	87,265	89,809	93,847	98,088	102,540	107,215	112,124	117,278	4%
Industrial	35,088	36,759	36,759	36,759	36,759	36,759	36,759	36,759	36,759	36,759	5%
Others	4,960	4,960	4,960	4,960	4,960	4,960	4,960	4,960	4,960	4,960	0%
<b>Total</b>	<b>226,754</b>	<b>236,227</b>	<b>245,009</b>	<b>249,548</b>	<b>260,354</b>	<b>271,127</b>	<b>281,852</b>	<b>292,518</b>	<b>303,109</b>	<b>313,611</b>	<b>4%</b>
Projected Infrastructure Requirements	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	TOTAL
Distribution/Sub-transmission Facilities	58	20	14	14	14	14	14	14	14	14	191
Expansion(ckt-km)	56	18	14	14	14	14	14	14	14	14	185
Rehabilitation(ckt-km)	3	3									6
Substation Capacity (MVA)		25									25
Reactive Power Compensation Plan (MVar)											
Capital Investment Requirements(in Million Php)	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	TOTAL
Distribution/Sub-transmission Facilities	70	24	10	10	10	10	10	10	10	10	177
Expansion	66	21	10	10	10	10	10	10	10	10	170
Rehabilitation	3	3									7
Substation Projects		62									62
Electrification Projects											
<b>Total</b>	<b>70</b>	<b>86</b>	<b>10</b>	<b>10</b>	<b>10</b>	<b>10</b>	<b>10</b>	<b>10</b>	<b>10</b>	<b>10</b>	<b>239</b>
Level of Electrification	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	
Barangay Level (%)	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	
No. of Barangays Electrified (On-Grid)	153	153	153	153	153	153	153	153	153	153	
No. of Barangays Electrified (Off-Grid)											
<b>Total</b>	<b>153</b>	<b>153</b>	<b>153</b>	<b>153</b>	<b>153</b>	<b>153</b>	<b>153</b>	<b>153</b>	<b>153</b>	<b>153</b>	
Household Level (%)	86%	87%	88%	89%	90%	90%	91%	92%	93%	94%	
No. of Households Electrified (On-Grid)	78,144	80,352	82,616	84,937	87,315	89,752	92,249	94,809	97,432	100,120	
No. of Households Electrified (Off-Grid)											
<b>Total</b>	<b>78,144</b>	<b>80,352</b>	<b>82,616</b>	<b>84,937</b>	<b>87,315</b>	<b>89,752</b>	<b>92,249</b>	<b>94,809</b>	<b>97,432</b>	<b>100,120</b>	

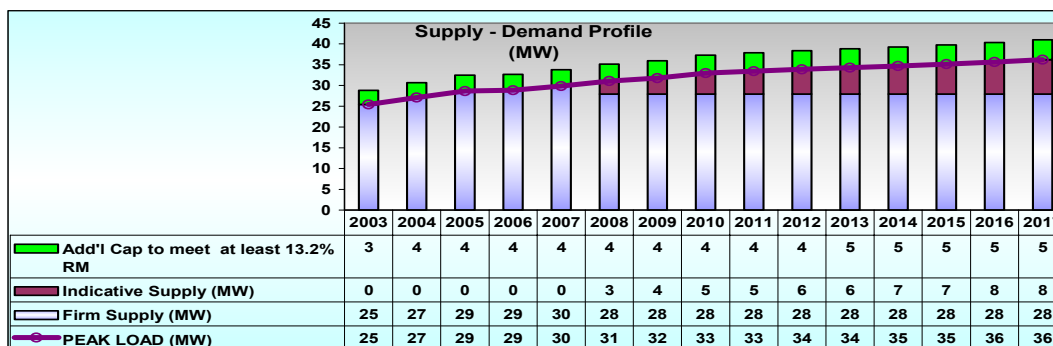
Franchise Coverage:

1 City (Dagupan) and 5 Municipalities (Calasiao, Sta. Barbara, San Fabian, San Jacinto, and Manaoag)



## Cabanatuan Electric Corporation, Inc. (CELCOR)

General Information	
Location	Maharlika Highway, Bitas, Cabanatuan City
Contact Person	Engr. Cesar Elmer V. Sta Romana
Position	Operation Manager
Tel. No:	(044) 463-5220 , (044) 463-0505
Fax No:	(044) 463-1052
E-mail Address	CELCOR@eudoramail.com
Coverage Area	268.6 sq.km.
No. of barangays	89
Franchise Population	



SUPPLY HIGHLIGHTS	

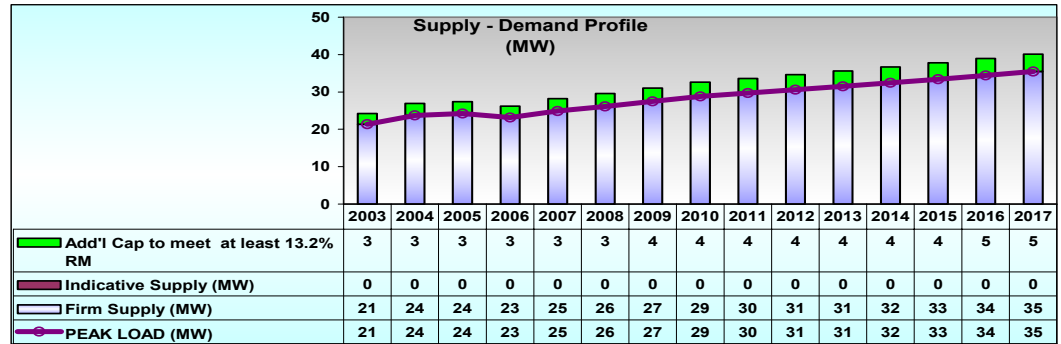
No. of Customers	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	AAGR
Residential	43,869	43,166	43,936	45,524	46,348	46,587	47,300	48,246	48,367	48,487	1%
Commercial	6,851	6,965	7,021	6,971	6,876	6,841	6,909	7,025	7,082	8,002	2%
Industrial	51	52	55	55	55	55	55	55	55	55	1%
Others	343	448	480	487	520	524	589	655	735	845	10%
<b>Total</b>	<b>51,114</b>	<b>50,631</b>	<b>51,492</b>	<b>53,037</b>	<b>53,799</b>	<b>54,007</b>	<b>54,853</b>	<b>55,981</b>	<b>56,239</b>	<b>57,389</b>	<b>1%</b>
Energy Sales per Customer Type (MWh)	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	AAGR
Residential	62,926	62,904	62,947	62,954	63,087	63,097	63,119	63,194	63,208	63,283	0.1%
Commercial	64,229	65,678	69,804	71,267	72,770	74,224	75,594	76,998	78,447	80,166	3%
Industrial	7,363	7,624	8,922	9,373	9,907	10,541	11,295	12,193	13,265	14,544	7%
Others	16,211	17,848	19,430	19,507	19,585	19,664	19,744	19,824	19,905	19,986	3%
<b>Total</b>	<b>150,729</b>	<b>154,055</b>	<b>161,102</b>	<b>163,101</b>	<b>165,349</b>	<b>167,526</b>	<b>169,752</b>	<b>172,209</b>	<b>174,825</b>	<b>177,980</b>	<b>2%</b>
Projected Infrastructure Requirements	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	TOTAL
Distribution/Sub-transmission Facilities	12	18	18	20	23						91
Expansion(ckt-km)	4	10	10	10	10						44
Rehabilitation(ckt-km)	9	8	8	10	13						47
Substation Capacity (MVA)											
Reactive Power Compensation Plan (MVar)											
Capital Investment Requirements(in Million PhP)	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	TOTAL
Distribution/Sub-transmission Facilities	11	10	10	10	10						51
Expansion	3	6	6	5	4						24
Rehabilitation	8	4	4	5	6						27
Substation Projects											
Electrification Projects											
<b>Total</b>	<b>11</b>	<b>10</b>	<b>10</b>	<b>10</b>	<b>10</b>						
Level of Electrification	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	
<b>Barangay Level (%)</b>	<b>99%</b>	<b>99%</b>	<b>99%</b>	<b>99%</b>	<b>99%</b>	<b>99%</b>	<b>99%</b>	<b>99%</b>	<b>99%</b>	<b>99%</b>	
No of Barangays Electrified (On-Grid)	88	88	88	88	88	88	88	88	88	88	
No. of Barangays Electrified (Off-Grid)											
<b>Total</b>	<b>88</b>	<b>88</b>	<b>88</b>	<b>88</b>	<b>88</b>	<b>88</b>	<b>88</b>	<b>88</b>	<b>88</b>	<b>88</b>	
<b>Household Level (%)</b>											
No. of Households Electrified (On-Grid)											
No. of Households Electrified (Off-Grid)											
<b>Total</b>											

Franchise Coverage:

CELCOR holds the franchise to distribute electricity in the City of Cabanatuan.

## La Union Electric Company, Inc. (LUECO)

General Information	
Location	Quezon Avenue, San Fernando City, La Union.
Contact Person	Jerry V. Parlan
Position	Asst. Vice President, Operations
Tel. No:	(07) 700-5205
Fax No:	(072) 242-1237
E-mail Address	lueco@sflu.com
Coverage Area	229.5 sq.km.
No. of barangays	139
Franchise Population	
SUPPLY HIGHLIGHTS	



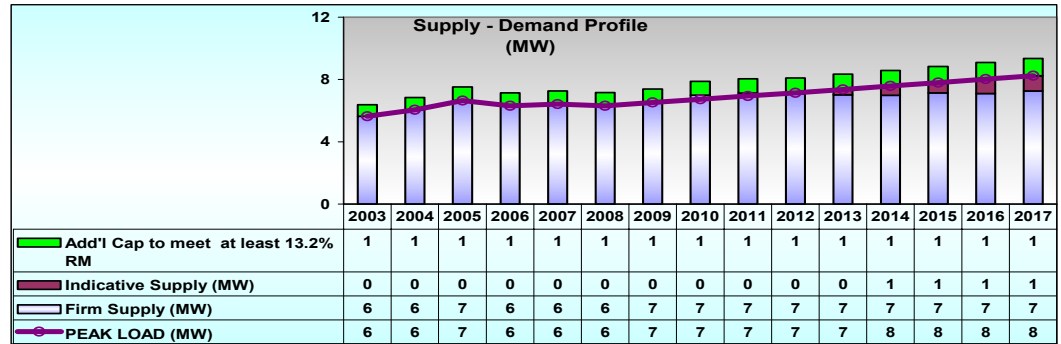
No. of Customers	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	AAGR
Residential	31,188	32,124	33,088	34,080	35,103	36,156	37,241	38,358	39,509	40,694	3%
Commercial	4,169	4,295	4,423	4,556	4,693	4,834	4,979	5,128	5,282	5,440	3%
Industrial	16	17	18	19	20	21	23	24	25	27	5%
Others	61	70	65	71	69	72	73	78	78	74	3%
<b>Total</b>	<b>35,435</b>	<b>36,505</b>	<b>37,594</b>	<b>38,726</b>	<b>39,885</b>	<b>41,083</b>	<b>42,315</b>	<b>43,583</b>	<b>44,893</b>	<b>46,235</b>	<b>7%</b>
Energy Sales per Customer Type (MWh)	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	AAGR
Residential	52,645	55,278	58,041	59,783	61,576	63,423	65,326	67,286	69,305	71,384	4%
Commercial	42,406	44,526	46,753	48,155	49,600	51,088	52,621	54,199	55,825	57,500	4%
Industrial	16,035	16,837	17,679	18,209	18,756	19,318	19,898	20,495	21,110	21,743	4%
Others	10,795	11,334	11,901	12,258	12,626	13,005	13,395	13,797	14,211	14,637	4%
<b>Total</b>	<b>121,881</b>	<b>127,975</b>	<b>134,374</b>	<b>138,405</b>	<b>142,558</b>	<b>146,834</b>	<b>151,239</b>	<b>155,777</b>	<b>160,450</b>	<b>165,263</b>	<b>4%</b>
Projected Infrastructure Requirements	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	TOTAL
Distribution/Sub-transmission Facilities	249	250	251	252	253	254	255	256	258	258	2536
Expansion(ckt-km)	243	244	245	246	247	248	249	250	252	252	2476
Rehabilitation(ckt-km)	6	6	6	6	6	6	6	6	6	6	60
Substation Capacity (MVA)					15						15
Reactive Power Compensation Plan (MVAr)											
Capital Investment Requirements(in Million PhP)	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	TOTAL
Distribution/Sub-transmission Facilities	12	18	28	23	19	22	17	13	12	14	178
Expansion	12	18	27	22	19	21	17	13	12	14	174
Rehabilitation	0.3	0.4	0.7	0.5	0.5	0.5	0.4	0.3	0.3	0.3	4
Substation Projects											
Electrification Projects											
<b>Total</b>	<b>12</b>	<b>18</b>	<b>28</b>	<b>23</b>	<b>19</b>	<b>22</b>	<b>17</b>	<b>13</b>	<b>12</b>	<b>14</b>	<b>178</b>
Level of Electrification	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	
Barangay Level (%)	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	
No of Barangays Electrified (On-Grid)	90	90	91	92	93	94	95	96	97	98	
No. of Barangays Electrified (Off-Grid)	49	49	48	47	46	45	44	43	42	41	
<b>Total</b>	<b>139</b>	<b>139</b>	<b>139</b>	<b>139</b>	<b>139</b>	<b>139</b>	<b>139</b>	<b>139</b>	<b>139</b>	<b>139</b>	
Household Level (%)											
No. of Households Electrified (On-Grid)	31,188	31,188	32,124	33,088	34,080	35,103	36,156	37,241	38,358	39,509	
No. of Households Electrified (Off-Grid)											
<b>Total</b>											

Franchise Coverage:

1 City (San Fernando) and 2 Municipalities (Bauang and San Juan).

## Bauan Electric Light System/ First Bay Power (FBPC) Corp. (BELS)

General Information	
Location	Kapitan Ponso st. Ext. Poblacion Bauan Batangas
Contact Person	Rav Florence T. Reyes
Position	General Manager
Tel. No:	(043) 727-3441
Fax No:	(043) 727-3351
E-mail Address	rftr@yahoo.com.ph
Coverage Area	
No. of barangays	40
Franchise Population	
SUPPLY HIGHLIGHTS	



No. of Customers	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	AAGR
Residential	17,348	17,803	18,259	18,714	19,170	19,625	20,081	20,536	20,991	21,447	3%
Commercial	1,208	1,228	1,248	1,268	1,288	1,308	1,328	1,348	1,368	1,388	3%
Industrial											
Others	205	200	196	191	187	182	178	173	169	164	7%
<b>Total</b>	<b>18,761</b>	<b>19,231</b>	<b>19,703</b>	<b>20,173</b>	<b>20,645</b>	<b>21,115</b>	<b>21,587</b>	<b>22,057</b>	<b>22,528</b>	<b>22,999</b>	<b>3%</b>
Energy Sales per Customer Type (MWh)	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	AAGR
Residential	18,224	19,146	20,068	20,990	21,912	22,834	23,756	24,678	25,600	26,522	4%
Commercial	7,531	6,672	5,912	5,238	4,641	4,112	3,643	3,228	2,860	2,534	-12%
Industrial											
Others	6,538	6,108	5,676	5,246	4,814	4,384	3,952	3,522	3,090	2,660	-9%
<b>Total</b>	<b>32,293</b>	<b>31,926</b>	<b>31,656</b>	<b>31,474</b>	<b>31,367</b>	<b>31,330</b>	<b>31,351</b>	<b>31,428</b>	<b>31,550</b>	<b>31,716</b>	<b>0%</b>
Projected Infrastructure Requirements	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	TOTAL
Distribution/Sub-transmission Facilities	1										1
Expansion(ckt-km)											
Rehabilitation(ckt-km)	1										1
Substation Capacity (MVA)											
Reactive Power Compensation Plan (MVAr)		0.3	0.3	0.2							1
Capital Investment Requirements(in Million PhP)	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	TOTAL
Distribution/Sub-transmission Facilities	18	18	18	18							72
Expansion											
Rehabilitation	18	18	18	18							72
Substation Projects											
Electrification Projects											
<b>Total</b>	<b>18</b>	<b>18</b>	<b>18</b>	<b>18</b>							<b>72</b>
Level of Electrification	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	
<b>Barangay Level (%)</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	
No. of Barangays Electrified (On-Grid)	40	40	40	40	40	40	40	40	40	40	
No. of Barangays Electrified (Off-Grid)											
<b>Total</b>	<b>40</b>	<b>40</b>	<b>40</b>	<b>40</b>	<b>40</b>	<b>40</b>	<b>40</b>	<b>40</b>	<b>40</b>	<b>40</b>	
<b>Household Level (%)</b>											
No. of Households Electrified (On-Grid)											
No. of Households Electrified (Off-Grid)											
<b>Total</b>											

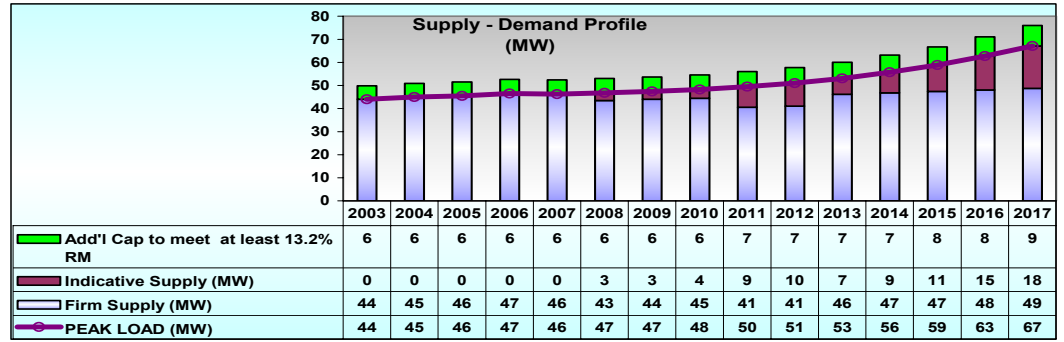
Franchise Coverage:

Municipality of Bauan, Batangas

**REGION 1  
ELECTRIC COOPERATIVES**

## Central Pangasinan Electric Cooperative, Inc. (CENPELCO)

General Information	
Location	Padilla St., San Carlos City, Pangasinan
Contact Person	Edgardo R. Piamonte
Position	Executive Officer/PS
Tel. No:	(075) 532-2222, local 201
Fax No:	(075) 955-5499 / 532-3146
E-mail Address	
Coverage Area	
No. of barangays	553
Franchise Population	
SUPPLY HIGHLIGHTS	
In order to meet the demand, old substations will be upgraded and new ones will be commissioned. Ninety percent (90%) of power supply will come from NPC thru a bilateral contract and the remaining 10% will come from the WESM.	



No. of Customers	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	AAGR
Residential	142,092	145,336	151,065	156,857	162,394	167,857	173,825	180,580	188,108	196,611	4%
Commercial	7,041	7,338	7,697	8,081	8,488	8,923	9,399	9,925	10,505	11,149	5%
Industrial	137	140	159	177	188	193	197	201	203	205	6%
Others	2,135	2,138	2,165	2,186	2,198	2,204	2,208	2,212	2,215	2,216	1%
<b>Total</b>	<b>151,406</b>	<b>154,951</b>	<b>161,085</b>	<b>167,300</b>	<b>173,267</b>	<b>179,177</b>	<b>185,628</b>	<b>192,917</b>	<b>201,032</b>	<b>210,181</b>	<b>4%</b>
Energy Sales per Customer Type (MWh)	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	AAGR
Residential	140,878	146,715	153,110	161,854	171,479	183,897	199,734	217,666	238,086	261,531	7%
Commercial	30,549	32,387	34,453	36,788	39,425	42,412	45,809	49,689	54,138	59,257	7%
Industrial	4,007	4,106	4,209	4,346	4,472	4,590	4,705	4,823	4,944	5,063	3%
Others	13,963	14,491	15,039	15,615	16,211	16,976	17,780	18,623	19,509	20,439	4%
<b>Total</b>	<b>189,397</b>	<b>197,699</b>	<b>206,810</b>	<b>218,604</b>	<b>231,587</b>	<b>247,875</b>	<b>268,027</b>	<b>290,801</b>	<b>316,677</b>	<b>346,291</b>	<b>7%</b>
Projected Infrastructure Requirements	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	TOTAL
Distribution/Sub-transmission Facilities	64	19	34	23	7	1	1	1	1	1	153
Expansion(ckt-km)	57	2	32	16	6						112
Rehabilitation(ckt-km)	8	17	2	7	1	1	1	1	1	1	41
Substation Capacity (MVA)	15	10	10	10							45
Reactive Power Compensation Plan (MVar)											
Capital Investment Requirements(in Million Php)	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	TOTAL
Distribution/Sub-transmission Facilities	99	40	56	41	31	25	25	25	25	25	392
Expansion	87	4	52	28	26						198
Rehabilitation	12	36	4	13	5	25	25	25	25	25	194
Substation Projects	55	51	52	38							196
Electrification Projects	32	20	28	28	28	31	22	25	27	31	272
<b>Total</b>	<b>186</b>	<b>111</b>	<b>136</b>	<b>107</b>	<b>59</b>	<b>56</b>	<b>47</b>	<b>50</b>	<b>52</b>	<b>56</b>	<b>860</b>
Level of Electrification	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	
<b>Barangay Level (%)</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	
No of Barangays Electrified (On-Grid)	552	552	552	552	552	552	552	552	552	552	
No. of Barangays Electrified (Off-Grid)	1	1	1	1	1	1	1	1	1	1	
<b>Total</b>	<b>553</b>	<b>553</b>	<b>553</b>	<b>553</b>	<b>553</b>	<b>553</b>	<b>553</b>	<b>553</b>	<b>553</b>	<b>553</b>	
<b>Household Level (%)</b>	<b>80%</b>	<b>80%</b>	<b>80%</b>	<b>80%</b>	<b>81%</b>	<b>82%</b>	<b>83%</b>	<b>84%</b>	<b>86%</b>	<b>88%</b>	
No. of Households Electrified (On-Grid)	139,652	142,725	146,179	150,070	154,468	159,453	165,113	171,559	178,928	187,381	
No. of Households Electrified (Off-Grid)											
<b>Total</b>	<b>139,652</b>	<b>142,725</b>	<b>146,179</b>	<b>150,070</b>	<b>154,468</b>	<b>159,453</b>	<b>165,113</b>	<b>171,559</b>	<b>178,928</b>	<b>187,381</b>	

Franchise Coverage:

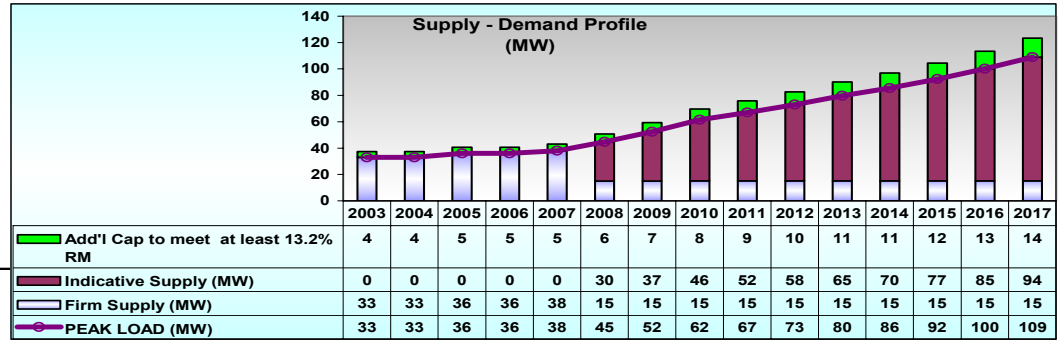
San Carlos City, Mangaldan, Lingayen, Bugallon, Labrador, Sual, Bayambang, Malasiqui, Binmaley, Mangatarem, Aguilar, Urbiztondo, Basista, Alcala, and Bautista.

## Ilocos Norte Electric Cooperative, Inc. (INEC)

General Information	
Location	Suvo, Dinaras, Ilocos Norte
Contact Person	Renato A. Balintec, PEE
Position	Officer-In-Charge
Tel. No:	(077) 784-7049
Fax No:	(077) 784-7125
E-mail Address	inec_engg@yahoo.com
Coverage Area	3622 sq. km.
No. of barangays	557
Franchise Population	117,575 (2007 Census)

### SUPPLY HIGHLIGHTS

Northwind Power has sold to INEC about 80,972,604 kwh from Jan.2006 to Sept. 2007, while WESM has sold to INEC 37,137,847 kwh from Jan.-Sept. 2007 and NPC 204,385,309 kwh. By year 2010, renewables such as PNOC, UPC-Asia & ELG with a projected capacity of about 100MW on available basis will be on stream to the TRANSCO Grid and INEC is encouraged to buy and sell their generated output.



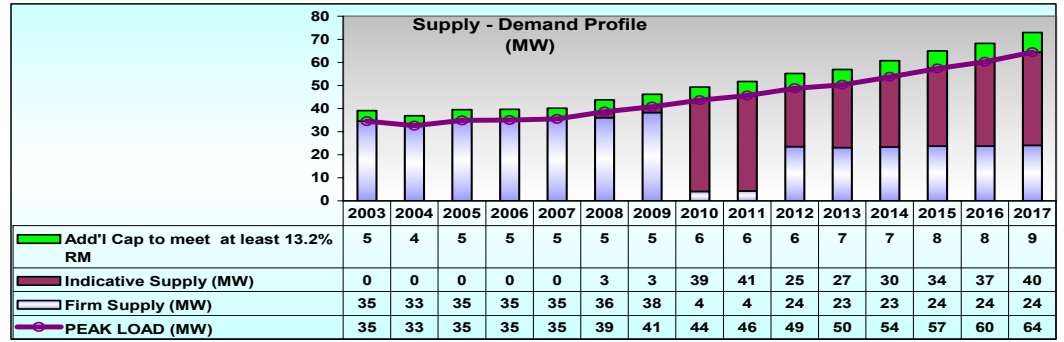
No. of Customers	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	AAGR
Residential	113,831	117,299	121,036	125,319	129,751	134,276	138,959	144,221	149,683	155,352	3%
Commercial	7,137	7,650	8,201	8,827	9,502	10,232	11,020	11,870	12,846	13,905	8%
Industrial	17	16	16	17	17	17	17	17	17	17	5%
Others	3,177	3,182	3,185	3,190	3,193	3,210	3,216	3,142	3,142	3,143	0.2%
<b>Total</b>	<b>124,161</b>	<b>128,148</b>	<b>132,439</b>	<b>137,353</b>	<b>142,463</b>	<b>147,736</b>	<b>153,212</b>	<b>159,250</b>	<b>165,689</b>	<b>172,418</b>	<b>4%</b>
Energy Sales per Customer Type (MWh)	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	AAGR
Residential	99,779	105,858	112,309	120,893	130,134	140,078	151,504	165,122	179,965	196,142	8%
Commercial	53,196	59,903	67,705	76,869	87,381	99,692	113,943	130,543	150,433	173,361	14%
Industrial	4,969	5,444	6,033	6,719	7,445	8,325	9,312	10,418	11,709	13,164	12%
Others	28,437	48,573	73,231	79,373	86,150	93,725	94,044	93,939	94,240	94,550	21%
<b>Total</b>	<b>186,380</b>	<b>219,779</b>	<b>259,278</b>	<b>283,853</b>	<b>311,111</b>	<b>341,820</b>	<b>368,803</b>	<b>400,022</b>	<b>436,347</b>	<b>477,216</b>	<b>11%</b>
Projected Infrastructure Requirements	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	TOTAL
Distribution/Sub-transmission Facilities	200	47	59	51	73	34	56	41	66	34	660
Expansion(ckt-km)	96	4	19	2	8	0	22	1	14	4	171
Rehabilitation(ckt-km)	104	42	39	48	64	34	34	41	52	30	489
Substation Capacity (MVA)	10		10		10		10		20		70
Reactive Power Compensation Plan (MVar)	7	7	8	8	8	8	8	9	9	9	81
Capital Investment Requirements(in Million Php)	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	TOTAL
Distribution/Sub-transmission Facilities	223	54	62	24	67	9.5	50	9.6	17	8	525
Expansion	107	5	20	1	8	0.04	19	0.1	4	1	165
Rehabilitation	117	49	41	23	59	9.4	31	9.4	13	7	359
Substation Projects			24		24		24		48		144
Electrification Projects	51	45	47	43	34	38	35	39	38	27	399
<b>Total</b>	<b>275</b>	<b>99</b>	<b>133</b>	<b>67</b>	<b>125</b>	<b>48</b>	<b>110</b>	<b>72</b>	<b>103</b>	<b>36</b>	<b>1,068</b>
Level of Electrification	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	
<b>Barangay Level (%)</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	
No. of Barangays Electrified (On-Grid)	557	557	557	557	557	557	557	557	557	557	
No. of Barangays Electrified (Off-Grid)											
<b>Total</b>	<b>557</b>	<b>557</b>	<b>557</b>	<b>557</b>	<b>557</b>	<b>557</b>	<b>557</b>	<b>557</b>	<b>557</b>	<b>557</b>	
<b>Household Level (%)</b>	<b>93%</b>	<b>94%</b>	<b>94%</b>	<b>94%</b>	<b>95%</b>	<b>96%</b>	<b>96%</b>	<b>97%</b>	<b>98%</b>	<b>99%</b>	
No. of Households Electrified (On-Grid)	113,741	117,153	120,668	124,891	129,263	133,789	138,472	143,734	149,195	154,865	
No. of Households Electrified (Off-Grid)											
<b>Total</b>	<b>113,741</b>	<b>117,153</b>	<b>120,668</b>	<b>124,891</b>	<b>129,263</b>	<b>133,789</b>	<b>138,472</b>	<b>143,734</b>	<b>149,195</b>	<b>154,865</b>	

### Franchise Coverage:

Whole Province of Ilocos Norte (22 Municipalities & 1 City) Adams, Pagudpud, Bangui, Dumalneg, Burgos, Pasuquin, Bacarra, Vintar, Sarrat, Pidig, Carasi, Solsona, Dingras, Marcos, Banna, Nueva Era, San Nicolas, Batac, Paoay, Currimaog, Pinili, Badoc, and Laoag City.

## Ilocos Sur Electric Cooperative, Inc. (ISECO)

General Information	
Location	Bigbiga, Santiago, Ilocos Sur
Contact Person	Cesar G. Gironella
Position	General Manager
Tel. No:	(077) 742-4147 / 742-6175
Fax No:	(077) 742-6175 / 742-5036
E-mail Address	
Coverage Area	
No. of barangays	768
Franchise Population	
SUPPLY HIGHLIGHTS	
By year 2008, the Transition Supply Contract (TSC) with NPC will have expired, leaving WESM as the sole power supplier. There is a planned bilateral contract with BGNPI by 2011. A 5MVA substation at Sta. Cruz will be constructed by 2008 and another 5 MVA substation at San Juan will be constructed by 2009.	



No. of Customers	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	AAGR
Residential	118,096	124,001	130,333	136,870	143,732	150,936	158,472	166,385	174,694	183,418	5%
Commercial	6,466	6,951	7,473	8,033	8,636	9,283	9,980	10,728	11,533	12,398	8%
Industrial	46	46	47	48	49	50	51	52	53	54	2%
Others	2,495	2,498	2,502	2,506	2,509	2,511	2,514	2,518	2,522	2,526	0.4%
<b>Total</b>	<b>127,103</b>	<b>133,497</b>	<b>140,355</b>	<b>147,457</b>	<b>154,926</b>	<b>162,780</b>	<b>171,017</b>	<b>179,683</b>	<b>188,802</b>	<b>198,396</b>	<b>5%</b>
Energy Sales per Customer Type (MWh)	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	AAGR
Residential	106,767	113,226	120,080	127,347	135,054	143,227	151,894	161,084	170,829	181,163	6%
Commercial	35,295	38,700	42,435	46,530	51,020	55,944	61,342	67,262	73,752	80,870	10%
Industrial	3,027	3,190	3,361	3,541	3,731	3,931	4,142	4,365	4,599	4,846	5%
Others	16,197	17,326	18,550	19,897	21,353	22,833	24,499	26,296	28,235	30,330	7%
<b>Total</b>	<b>161,285</b>	<b>172,442</b>	<b>184,426</b>	<b>197,316</b>	<b>211,158</b>	<b>225,936</b>	<b>241,877</b>	<b>259,006</b>	<b>277,415</b>	<b>297,208</b>	<b>7%</b>
Projected Infrastructure Requirements	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	TOTAL
Distribution/Sub-transmission Facilities	12	15	12								39
Expansion(ckt-km)	12	15	12								39
Rehabilitation(ckt-km)											
Substation Capacity (MVA)	5	5		5	5		5	5		5	35
Reactive Power Compensation Plan (MVar)											
Capital Investment Requirements(in Million Php)	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	TOTAL
Distribution/Sub-transmission Facilities	92	93	49	44	48	42	36	42	37	42	525
Expansion	92	93	49								234
Rehabilitation				44	48	42	36	42	37	42	291
Substation Projects	13	18		18	18		18	18		18	121
Electrification Projects	43	28	34	34	33	27	29	30	32	32	324
<b>Total</b>	<b>148</b>	<b>139</b>	<b>83</b>	<b>96</b>	<b>100</b>	<b>69</b>	<b>84</b>	<b>90</b>	<b>70</b>	<b>92</b>	<b>970</b>
Level of Electrification	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	
<b>Barangay Level (%)</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	
No of Barangays Electrified (On-Grid)	767	767	767	767	767	767	767	767	767	767	
No. of Barangays Electrified (Off-Grid)	1	1	1	1	1	1	1	1	1	1	
<b>Total</b>	<b>768</b>	<b>768</b>	<b>768</b>	<b>768</b>	<b>768</b>	<b>768</b>	<b>768</b>	<b>768</b>	<b>768</b>	<b>768</b>	
<b>Household Level (%)</b>	<b>82%</b>	<b>82%</b>	<b>82%</b>	<b>83%</b>	<b>83%</b>	<b>83%</b>	<b>84%</b>	<b>84%</b>	<b>84%</b>	<b>84%</b>	
No. of Households Electrified (On-Grid)	118,096	124,001	130,201	136,711	143,547	150,724	158,260	166,174	174,482	183,206	
No. of Households Electrified (Off-Grid)											
<b>Total</b>	<b>118,096</b>	<b>124,001</b>	<b>130,201</b>	<b>136,711</b>	<b>143,547</b>	<b>150,724</b>	<b>158,260</b>	<b>166,174</b>	<b>174,482</b>	<b>183,206</b>	

**Franchise Coverage:**

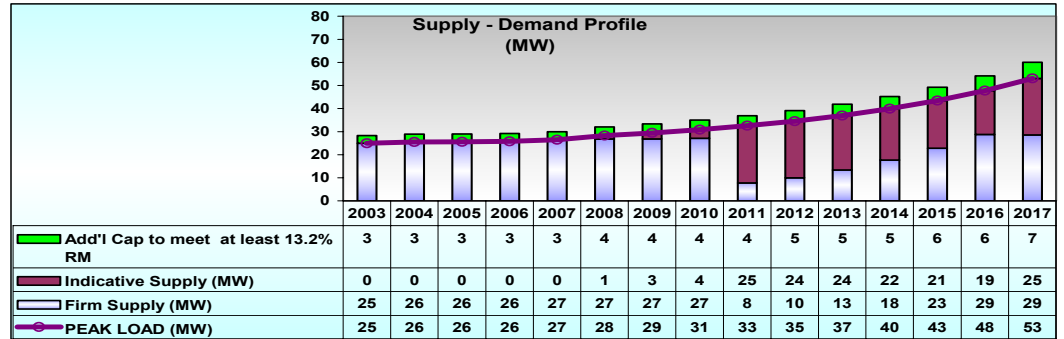
Covers the entire province of Ilocos Sur which is composed of 32 municipalities and 2 cities. The municipalities are Aliem, Banayoyo, Bantay, Burgos, Cabugao, Caoayan, Cervantes, Del Pilar, Galimuyod,, Lidlidda, Magsingal, Nagbukel, Narvacan, Quirino, Salcedo, San Emilio, San Esteban, San Ildefonso, San Juan, San Vicente, Santa, Santiago, Sigay, Sinit, Sta. Lucia, Sta. Catalina, Sta. Cruz, Sta. Maria, Sto. Dominoo, Suapon, Suvo and Taudin. The cities are Candon City and Viaan City.

## La Union Electric Cooperative, Inc. (LUELCO)

General Information	
Location	Sta. Rita East, Aringay, La Union
Contact Person	Dr. Ramon C. Posadas
Position	General Manager
Tel. No:	(072) 714-0238
Fax No:	(072) 714-0553
E-mail Address	luelco_apo@yahoo.com
Coverage Area	
No. of barangays	536
Franchise Population	

### SUPPLY HIGHLIGHTS

LUELCO expects to have a steady increase in annual demand of about 4.4 % and a 5-year average energy purchase of 5.3% from year 2008 to 2013. The bulk of power and energy requirements for the next ten (10) years will be sourced out from GN Power, NPC and the remaining 10% of its total energy requirements will be from WESM.



No. of Customers	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	AAGR
Residential	101,518	105,701	110,531	116,687	123,342	130,700	138,839	148,124	158,713	170,790	6%
Commercial	3,888	4,062	4,266	4,502	4,772	5,083	5,439	5,847	6,314	6,851	6%
Industrial	115	118	121	125	129	134	139	145	152	161	4%
Others	1,879	1,895	1,912	1,931	1,952	1,974	1,999	2,027	2,058	2,093	1%
<b>Total</b>	<b>107,399</b>	<b>111,776</b>	<b>116,830</b>	<b>123,245</b>	<b>130,195</b>	<b>137,890</b>	<b>146,416</b>	<b>156,143</b>	<b>167,237</b>	<b>179,895</b>	<b>6%</b>
Energy Sales per Customer Type (MWh)	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	AAGR
Residential	82,606	87,346	92,898	99,965	108,486	118,639	130,738	145,442	163,334	185,236	9%
Commercial	13,235	14,165	15,306	16,698	18,390	20,456	22,971	26,039	29,794	34,412	11%
Industrial	13,075	13,507	14,117	14,784	15,602	16,547	17,720	19,158	20,913	23,047	6%
Others	11,046	11,719	12,508	13,433	14,515	15,787	17,283	19,047	21,136	23,620	9%
<b>Total</b>	<b>119,962</b>	<b>126,736</b>	<b>134,828</b>	<b>144,879</b>	<b>156,993</b>	<b>171,430</b>	<b>188,711</b>	<b>209,686</b>	<b>235,178</b>	<b>266,316</b>	<b>9%</b>
Projected Infrastructure Requirements	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	TOTAL
Distribution/Sub-transmission Facilities	77	10	19	31	5	1	4				148
Expansion(ckt-km)	71	3	5	17							96
Rehabilitation(ckt-km)	6	7	15	14	5	1	4				52
Substation Capacity (MVA)											
Reactive Power Compensation Plan (MVar)	1	1	2	2	2	3	2	3	3	3	21
Capital Investment Requirements(in Million Php)	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	TOTAL
Distribution/Sub-transmission Facilities	30	30	34	34	19	19	3				168
Expansion	27	10	8	19							64
Rehabilitation	2	20	26	15	19	19	3	2	2	2	111
Substation Projects											
Electrification Projects	30	28	17	21	23	26	28	33	37	42	285
<b>Total</b>	<b>60</b>	<b>58</b>	<b>51</b>	<b>55</b>	<b>42</b>	<b>45</b>	<b>32</b>	<b>33</b>	<b>37</b>	<b>42</b>	<b>454</b>
Level of Electrification	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	
<b>Barangay Level (%)</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	
No. of Barangays Electrified (On-Grid)	536	536	536	536	536	536	536	536	536	536	
No. of Barangays Electrified (Off-Grid)											
<b>Total</b>	<b>536</b>	<b>536</b>	<b>536</b>	<b>536</b>	<b>536</b>	<b>536</b>	<b>536</b>	<b>536</b>	<b>536</b>	<b>536</b>	
<b>Household Level (%)</b>	<b>84%</b>	<b>84%</b>	<b>84%</b>	<b>84%</b>	<b>85%</b>	<b>87%</b>	<b>88%</b>	<b>90%</b>	<b>92%</b>	<b>95%</b>	
No. of Households Electrified (On-Grid)	101,444	105,501	110,038	115,540	121,779	128,721	136,444	145,313	155,484	167,146	
No. of Households Electrified (Off-Grid)											
<b>Total</b>	<b>101,444</b>	<b>105,501</b>	<b>110,038</b>	<b>115,540</b>	<b>121,779</b>	<b>128,721</b>	<b>136,444</b>	<b>145,313</b>	<b>155,484</b>	<b>167,146</b>	

### Franchise Coverage:

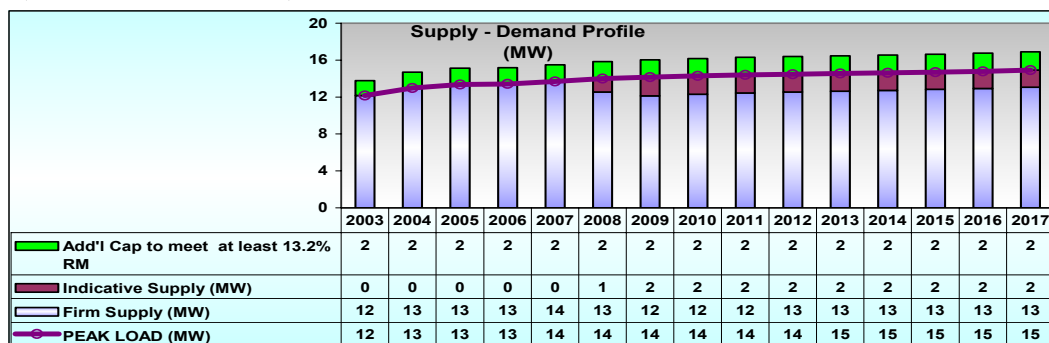
San Fernando City and the municipalities of Bacnotan, Balaoan, Bangar, Luna, San Gabriel, San Juan, Santol, Sudipen, Agoo, Aringay, Bagulin, Bauang, Burgos, Caba, Naguilian, Pugo, Rosario, Sto Tomas, Tubao, San Jacinto, Sison, and Pozzorubio.



## Pangasinan I Electric Cooperative, Inc. (PANELCO I)

General Information	
Location	San Jose, Bani, Pangasinan
Contact Person	Rolando O. Reinoso
Position	General Manager
Tel. No:	(075) 553-2005
Fax No:	(075) 553-2005
E-mail Address	
Coverage Area	142.455 sq.km.
No. of barangays	192
Franchise Population	

### SUPPLY HIGHLIGHTS



No. of Customers	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	AAGR
Residential	52,926	55,120	57,292	59,387	61,355	63,143	64,698	65,968	66,901	67,444	3%
Commercial	3,152	3,283	3,412	3,536	3,652	3,757	3,848	3,921	3,973	4,002	3%
Industrial	262	273	284	294	303	312	319	325	329	331	3%
Others	1,680	1,747	1,813	1,877	1,936	1,989	2,036	2,073	2,100	2,116	3%
<b>Total</b>	<b>58,020</b>	<b>60,423</b>	<b>62,800</b>	<b>65,094</b>	<b>67,247</b>	<b>69,202</b>	<b>70,901</b>	<b>72,287</b>	<b>73,303</b>	<b>73,892</b>	<b>3%</b>
Energy Sales per Customer Type (MWh)	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	AAGR
Residential	37,773	39,184	40,700	42,267	43,831	45,340	46,741	47,979	49,003	49,758	3%
Commercial	10,618	10,951	11,105	11,119	11,031	10,881	10,707	10,548	10,443	10,432	1%
Industrial	9,064	9,083	9,007	8,880	8,747	8,654	8,644	8,763	9,056	9,567	2%
Others	3,716	3,816	3,885	3,934	3,974	4,014	4,065	4,137	4,242	4,388	3%
<b>Total</b>	<b>61,171</b>	<b>63,035</b>	<b>64,697</b>	<b>66,200</b>	<b>67,583</b>	<b>68,888</b>	<b>70,156</b>	<b>71,427</b>	<b>72,743</b>	<b>74,145</b>	<b>3%</b>
Projected Infrastructure Requirements	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	TOTAL
Distribution/Sub-transmission Facilities	102	77	91	86	83	85	61	57	57	57	755
<i>Expansion(ckt-km)</i>	102	74	91	86	83	76	60	57	57	57	742
<i>Rehabilitation(ckt-km)</i>		3				10	1				13
Substation Capacity (MVA)		5									5
Reactive Power Compensation Plan (MVar)											
Capital Investment Requirements(in Million Php)	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	TOTAL
Distribution/Sub-transmission Facilities	64	51	24	20	19	18	3				199
<i>Expansion</i>	64	49	24	20	19	16	3				196
<i>Rehabilitation</i>		2				2					4
Substation Projects		5									5
Electrification Projects											
<b>Total</b>	<b>64</b>	<b>56</b>	<b>24</b>	<b>20</b>	<b>19</b>	<b>18</b>	<b>3</b>				<b>204</b>
Level of Electrification	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	
<b>Barangay Level (%)</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	
No of Barangays Electrified (On-Grid)	192	192	192	192	192	192	192	192	192	192	
No. of Barangays Electrified (Off-Grid)											
<b>Total</b>	<b>192</b>	<b>192</b>	<b>192</b>	<b>192</b>	<b>192</b>	<b>192</b>	<b>192</b>	<b>192</b>	<b>192</b>	<b>192</b>	
<b>Household Level (%)</b>	<b>84%</b>	<b>86%</b>	<b>87%</b>	<b>89%</b>	<b>90%</b>	<b>90%</b>	<b>91%</b>	<b>91%</b>	<b>92%</b>	<b>92%</b>	
No. of Households Electrified (On-Grid)	55,998	57,154	58,142	58,970	59,646	60,179	60,576	60,846	60,996	61,036	
No. of Households Electrified (Off-Grid)											
<b>Total</b>	<b>55,998</b>	<b>57,154</b>	<b>58,142</b>	<b>58,970</b>	<b>59,646</b>	<b>60,179</b>	<b>60,576</b>	<b>60,846</b>	<b>60,996</b>	<b>61,036</b>	

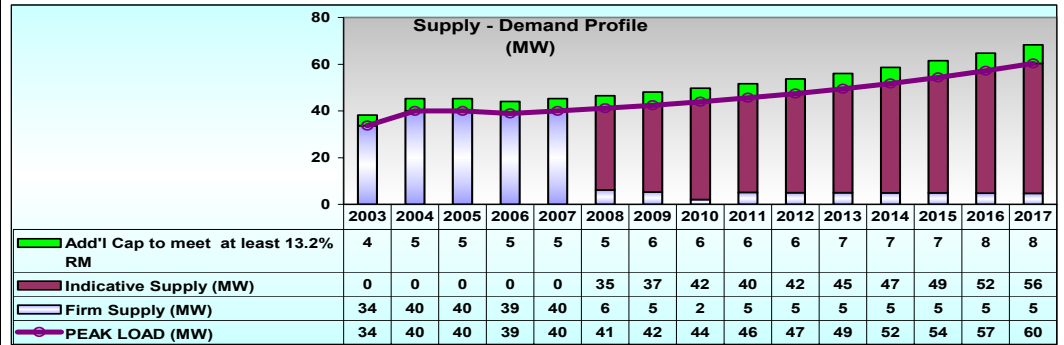
Franchise Coverage:

1 City(Alaminos) and 8 Municipalities (Agno, Anda, Bani, Bolinao, Burgos, Dasol, Mabini, and Infanta)

**REGION 2  
ELECTRIC COOPERATIVES**

## Isabela I Electric Cooperative, Inc. (ISELCO I)

General Information	
Location	Victoria, Alicia, Isabela
Contact Person	Engr. Virgilio L. Montano
Position	General Manager
Tel. No:	(078) 662-7103/662-7810
Fax No:	(078) 662-7103/662-7917
E-mail Address	rmvillacampa@yahoo.com
Coverage Area	3,078 sq.km.
No. of barangays	484
Franchise Population	
SUPPLY HIGHLIGHTS	
Energy supply requirements come from NPC, PNOC and from ISELCO I MINI HYDRO. ISELCO I intends to install a 5 MVA Substation in Angadanan and construct 5 kms of 69 KV sub-transmission Line along Alicia-Angadanan, both in CY 2009.	



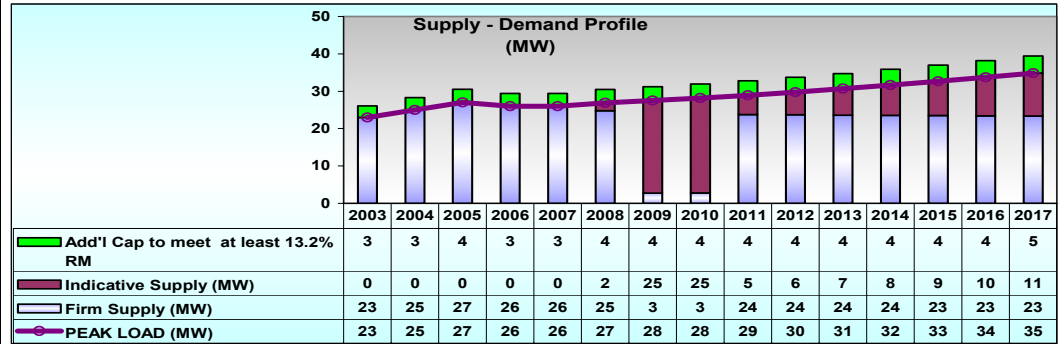
No. of Customers	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	AAGR
Residential	119,532	126,220	133,295	141,025	149,482	158,593	168,574	179,516	191,525	204,717	6%
Commercial	6,872	7,090	7,318	7,509	7,711	7,918	8,128	8,344	8,566	8,794	3%
Industrial	210	221	232	243	255	268	281	295	310	326	5%
Others	5,994	6,008	6,027	6,045	6,062	6,079	6,102	6,122	6,143	6,166	1%
<b>Total</b>	<b>132,609</b>	<b>139,538</b>	<b>146,871</b>	<b>154,822</b>	<b>163,510</b>	<b>172,858</b>	<b>183,086</b>	<b>194,278</b>	<b>206,545</b>	<b>220,003</b>	<b>6%</b>
Energy Sales per Customer Type (MWh)	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	AAGR
Residential	91,837	97,681	104,063	111,141	118,934	127,452	136,862	147,278	158,831	171,671	7%
Commercial	30,553	31,376	32,214	33,080	33,975	34,900	35,856	36,843	37,864	38,919	3%
Industrial	53,357	57,738	62,514	67,722	73,405	79,606	86,377	93,773	101,854	110,687	8%
Others	9,706	9,897	10,099	10,303	10,507	10,717	10,939	11,158	11,383	11,612	2%
<b>Total</b>	<b>185,453</b>	<b>196,691</b>	<b>208,890</b>	<b>222,246</b>	<b>236,821</b>	<b>252,675</b>	<b>270,034</b>	<b>289,052</b>	<b>309,932</b>	<b>332,889</b>	<b>7%</b>
Projected Infrastructure Requirements	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	TOTAL
Distribution/Sub-transmission Facilities	36	18	7	18	1	1	1	2	0.2		85
Expansion(ckt-km)	33	15	6	16							70
Rehabilitation(ckt-km)	3	3	1	2	1	1	1	2	0.2		15
Substation Capacity (MVA)	10	5		5							20
Reactive Power Compensation Plan (MVAr)											
Capital Investment Requirements(in Million Php)	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	TOTAL
Distribution/Sub-transmission Facilities	55	50	43	59	38	38	39	38	37	36	432
Expansion	50	43	35	52							179
Rehabilitation	5	8	8	8	38	38	39	38	37	36	252
Substation Projects				18							18
Electrification Projects	29	24	25	27	30	32	35	38	42	46	328
<b>Total</b>	<b>84</b>	<b>74</b>	<b>68</b>	<b>105</b>	<b>67</b>	<b>70</b>	<b>74</b>	<b>76</b>	<b>79</b>	<b>82</b>	<b>778</b>
Level of Electrification	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	
<b>Barangay Level (%)</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	
No. of Barangays Electrified (On-Grid)	484	484	484	484	484	484	484	484	484	484	
No. of Barangays Electrified (Off-Grid)											
<b>Total</b>	<b>484</b>	<b>484</b>	<b>484</b>	<b>484</b>	<b>484</b>	<b>484</b>	<b>484</b>	<b>484</b>	<b>484</b>	<b>484</b>	
<b>Household Level (%)</b>	<b>70%</b>	<b>71%</b>	<b>72%</b>	<b>72%</b>	<b>73%</b>	<b>75%</b>	<b>76%</b>	<b>77%</b>	<b>79%</b>	<b>81%</b>	
No. of Households Electrified (On-Grid)	119,415	125,744	132,660	140,354	148,776	157,851	167,795	178,702	190,675	203,832	
No. of Households Electrified (Off-Grid)											
<b>Total</b>	<b>119,415</b>	<b>125,744</b>	<b>132,660</b>	<b>140,354</b>	<b>148,776</b>	<b>157,851</b>	<b>167,795</b>	<b>178,702</b>	<b>190,675</b>	<b>203,832</b>	

Franchise Coverage:

Reina Mercedes, Alicia, Cabatuan, Luna, Angadanan, San Guillermo, Echague, Jones, San Agustin, Ramon, San Isidro, San Mateo and Cordon and the cities of Cauayan, and Santiago.

## Cagayan I Electric Cooperative, Inc. (CAGELCO I)

General Information	
Location	Maddarlug, Solana, Cagayan
Contact Person	Tito R. Lingan
Position	General Manager
Tel. No:	(078) 844-1595
Fax No:	(078) 844-4528
E-mail Address	info@cagelco1.org.ph/email@cagelco1.org.ph
Coverage Area	4,173 sq.km.
No. of barangays	375
Franchise Population	
SUPPLY HIGHLIGHTS	



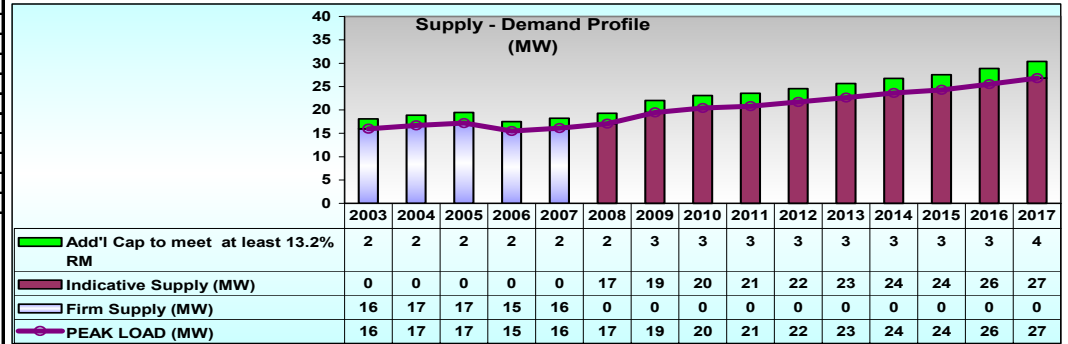
No. of Customers	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	AAGR
Residential	84,474	88,805	93,554	98,329	103,334	108,582	114,085	119,855	125,905	132,251	5%
Commercial	7,506	7,634	7,719	7,802	7,879	7,957	8,036	8,115	8,195	8,276	1%
Industrial	3	3	3	3	3	3	3	3	3	3	1%
Others	2,634	2,732	2,748	2,762	2,766	2,770	2,775	2,780	2,785	2,790	1%
<b>Total</b>	<b>94,617</b>	<b>99,175</b>	<b>104,024</b>	<b>108,896</b>	<b>113,983</b>	<b>119,313</b>	<b>124,899</b>	<b>130,753</b>	<b>136,889</b>	<b>143,320</b>	<b>5%</b>
Energy Sales per Customer Type (MWh)	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	AAGR
Residential	59,504	62,825	66,345	70,074	74,028	78,387	83,010	87,912	93,109	98,621	6%
Commercial	39,725	40,514	41,318	42,138	42,983	43,845	44,724	45,621	46,535	47,468	2%
Industrial	479	520	564	613	665	722	784	851	924	1,004	9%
Others	15,839	16,394	16,956	17,542	18,156	18,799	19,473	20,178	20,918	21,693	4%
<b>Total</b>	<b>115,547</b>	<b>120,253</b>	<b>125,183</b>	<b>130,368</b>	<b>135,832</b>	<b>141,754</b>	<b>147,991</b>	<b>154,562</b>	<b>161,487</b>	<b>168,786</b>	<b>4%</b>
Projected Infrastructure Requirements	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	TOTAL
Distribution/Sub-transmission Facilities	89	1	15		2		5		2		114
Expansion(ckt-km)	53		15		2		5		2		78
Rehabilitation(ckt-km)	36	1									37
Substation Capacity (MVA)	20		10		5		10		10		55
Reactive Power Compensation Plan (MVAr)	2	2	3	3	3	3	3	3	3	3	28
Capital Investment Requirements(in Million Php)	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	TOTAL
Distribution/Sub-transmission Facilities	35	31	44	30	32	30	37	30	32	30	331
Expansion			44		32		37		32		146
Rehabilitation	35	31		30		30		30		30	185
Substation Projects	24		24		18		24		24		114
Electrification Projects	31	20	22	21	22	22	24	24	26	26	239
<b>Total</b>	<b>91</b>	<b>51</b>	<b>90</b>	<b>51</b>	<b>73</b>	<b>52</b>	<b>84</b>	<b>54</b>	<b>82</b>	<b>56</b>	<b>684</b>
Level of Electrification	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	
<b>Barangay Level (%)</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	
No. of Barangays Electrified (On-Grid)	371	371	371	371	371	371	371	371	371	371	
No. of Barangays Electrified (Off-Grid)	4	4	4	4	4	4	4	4	4	4	
<b>Total</b>	<b>375</b>	<b>375</b>	<b>375</b>	<b>375</b>	<b>375</b>	<b>375</b>	<b>375</b>	<b>375</b>	<b>375</b>	<b>375</b>	
<b>Household Level (%)</b>	<b>67%</b>	<b>68%</b>	<b>69%</b>	<b>70%</b>	<b>70%</b>	<b>71%</b>	<b>72%</b>	<b>73%</b>	<b>74%</b>	<b>75%</b>	
No. of Households Electrified (On-Grid)	83,802	87,992	92,391	97,011	101,861	106,954	112,302	117,917	123,813	130,004	
No. of Households Electrified (Off-Grid)											
<b>Total</b>	<b>83,802</b>	<b>87,992</b>	<b>92,391</b>	<b>97,011</b>	<b>101,861</b>	<b>106,954</b>	<b>112,302</b>	<b>117,917</b>	<b>123,813</b>	<b>130,004</b>	

Franchise Coverage:

Covers the municipalities of Alcala, Amulong, Baggao, Enrile, Iguig, Peñablanca, Piat, Rizal, Santo Niño (Faire), Solana, Tuao, and Tuguegarao.

## Cagayan II Electric Cooperative, Inc. (CAGELCO II)

General Information	
Location	Macanaya District, Aparri, Cagayan
Contact Person	Gabriel A. Tordesillas
Position	General Manager
Tel. No:	(078) 822-8525
Fax No:	(078) 888-2941
E-mail Address	cagelco2@cagelco2.org.ph
Coverage Area	
No. of barangays	510
Franchise Population	97,797



**SUPPLY HIGHLIGHTS**  
CAGELCO II entered into a Bilateral Contract w/ GNPowr, an IPP, w/c will be in effect by year 2011 w/ a contracted demand of 10MW. Also the proposed Wind Farm in Pamplona will be imbedded the system by 2010. This will stabilize power rates in the future. In 2008-2010, contract w/ SNAP will be renewed to participate in the spot market for cheaper price. The fast development of CEZA, installation of substation and 69kV TXL ext. are also parts of the plan for a reliable and efficient power supply. CAGELCO II is presently negotiating with TransCo on the acquisition of 69kV Sub.

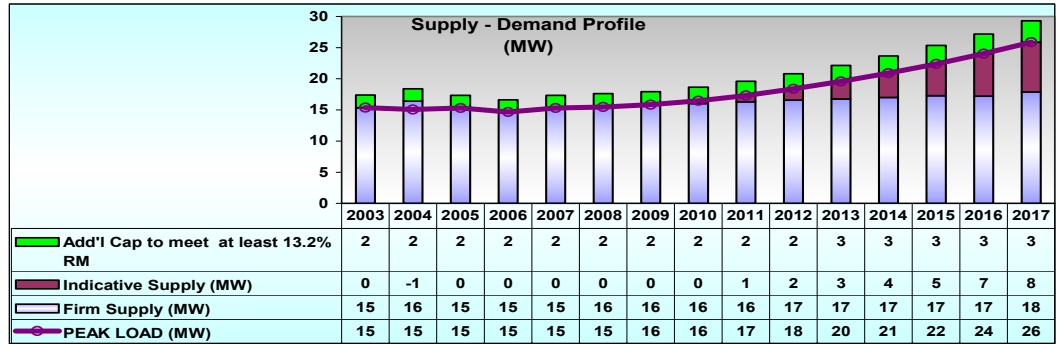
No. of Customers	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	AAGR
Residential	72,236	75,398	78,695	81,867	85,121	88,505	92,023	95,681	99,481	103,421	4%
Commercial	3,242	3,407	3,577	3,757	3,944	4,141	4,348	4,565	4,792	5,031	5%
Industrial											
Others	1,975	1,981	1,987	1,991	1,996	2,001	2,006	2,012	2,018	2,024	1%
<b>Total</b>	<b>77,453</b>	<b>80,786</b>	<b>84,259</b>	<b>87,615</b>	<b>91,061</b>	<b>94,647</b>	<b>98,377</b>	<b>102,258</b>	<b>106,291</b>	<b>110,476</b>	<b>4%</b>
Energy Sales per Customer Type (MWh)	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	AAGR
Residential	45,265	47,761	50,380	53,147	56,104	59,226	62,522	66,001	69,673	73,548	6%
Commercial	10,901	11,649	12,449	13,336	14,284	15,301	16,390	17,555	18,804	20,142	7%
Industrial											
Others	5,775	12,068	12,861	13,161	13,470	13,789	13,980	14,177	14,381	14,591	14%
<b>Total</b>	<b>61,941</b>	<b>71,478</b>	<b>75,690</b>	<b>79,643</b>	<b>83,858</b>	<b>88,316</b>	<b>92,891</b>	<b>97,733</b>	<b>102,857</b>	<b>108,281</b>	<b>6%</b>
Projected Infrastructure Requirements	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	TOTAL
Distribution/Sub-transmission Facilities	59	65	24	7	3	27					186
Expansion(ckt-km)	46	43	13			1					102
Rehabilitation(ckt-km)	13	22	11	7	3	27					83
Substation Capacity (MVA)	10	5	5			5					25
Reactive Power Compensation Plan (MVar)											
Capital Investment Requirements(in Million Php)	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	TOTAL
Distribution/Sub-transmission Facilities	168	141	50	33	29	47	27	26	26	26	573
Expansion	131	94	26	0	0	1					252
Rehabilitation	37	47	24	33	29	46	27	26	26	26	321
Substation Projects	28	44	2			16					90
Electrification Projects	19	20	14	13	18	14	19	19	14	15	164
<b>Total</b>	<b>215</b>	<b>206</b>	<b>66</b>	<b>45</b>	<b>47</b>	<b>76</b>	<b>46</b>	<b>45</b>	<b>40</b>	<b>42</b>	<b>827</b>
Level of Electrification	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	
<b>Barangay Level (%)</b>	<b>95%</b>	<b>95%</b>	<b>95%</b>	<b>95%</b>	<b>95%</b>	<b>95%</b>	<b>95%</b>	<b>95%</b>	<b>95%</b>	<b>95%</b>	
No of Barangays Electrified (On-Grid)	474	474	474	474	474	474	474	474	474	474	
No. of Barangays Electrified (Off-Grid)	9	9	9	9	9	9	9	9	9	9	
<b>Total</b>	<b>483</b>	<b>483</b>	<b>483</b>	<b>483</b>	<b>483</b>	<b>483</b>	<b>483</b>	<b>483</b>	<b>483</b>	<b>483</b>	
<b>Household Level (%)</b>	<b>68%</b>	<b>70%</b>	<b>72%</b>	<b>74%</b>	<b>76%</b>	<b>79%</b>	<b>81%</b>	<b>83%</b>	<b>85%</b>	<b>88%</b>	
No. of Households Electrified (On-Grid)	71,878	74,753	77,743	80,852	84,087	87,450	90,948	94,586	98,369	102,304	
No. of Households Electrified (Off-Grid)											
<b>Total</b>	<b>71,878</b>	<b>74,753</b>	<b>77,743</b>	<b>80,852</b>	<b>84,087</b>	<b>87,450</b>	<b>90,948</b>	<b>94,586</b>	<b>98,369</b>	<b>102,304</b>	

Franchise Coverage:

North-Eastern of Cagayan and 4-municipalities of Lower Apayao: Aparri, Camalaniugan, Lal-lo, Gattaran, Buguey, Sta. Teresita, Gonzaga, Sta. Ana, Lasam, Allacapan, Ballesteros, Abulug, Pamplona, Sanchez Mira, Claveria, Sta. Praxedes, and Lower Apayao.

## Nueva Vizcaya Electric Cooperative, Inc. (NUVELCO)

General Information	
Location	Gabut, Dupax del Sur, Nueva Viscava
Contact Person	Engr. Narciso S. Salunat, MBA
Position	General Manager
Tel. No:	(078) 322-1187
Fax No:	
E-mail Address	nuvelco@yahoo.com
Coverage Area	3,903.9 sq.km.
No. of barangays	275
Franchise Population	
SUPPLY HIGHLIGHTS	
Construction of 10 MVA S/S and 14 kms. of 69 kV line will contribute to a reduction of system loss of 3.47 % based on simulation results.	



No. of Customers	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	AAGR
Residential	55,461	58,408	61,639	64,936	68,349	71,757	75,155	78,724	82,473	86,410	5%
Commercial	2,189	2,289	2,385	2,483	2,553	2,614	2,679	2,745	2,814	2,885	4%
Industrial	432	437	441	445	450	454	459	463	468	473	1%
Others	1,485	1,516	1,541	1,543	1,515	1,515	1,516	1,514	1,513	1,513	1%
<b>Total</b>	<b>59,567</b>	<b>62,650</b>	<b>66,006</b>	<b>69,407</b>	<b>72,867</b>	<b>76,340</b>	<b>79,809</b>	<b>83,446</b>	<b>87,268</b>	<b>91,281</b>	<b>5%</b>
Energy Sales per Customer Type (MWh)	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	AAGR
Residential	40,426	42,176	44,656	47,889	51,977	56,579	61,765	67,633	74,284	81,828	8%
Commercial	7,412	7,716	8,032	8,360	8,697	9,044	9,406	9,784	10,179	10,593	4%
Industrial	10,436	10,781	11,139	11,508	11,890	12,284	12,692	13,114	13,551	14,002	3%
Others	4,166	4,259	4,353	4,451	4,552	4,667	4,796	4,938	5,097	5,278	3%
<b>Total</b>	<b>62,440</b>	<b>64,932</b>	<b>68,180</b>	<b>72,208</b>	<b>77,116</b>	<b>82,574</b>	<b>88,659</b>	<b>95,469</b>	<b>103,111</b>	<b>111,701</b>	<b>6%</b>
Projected Infrastructure Requirements	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	TOTAL
Distribution/Sub-transmission Facilities	101	60	111	39	57	18		13			399
<i>Expansion(ckt-km)</i>	99	59	109	38	56	15		13			388
<i>Rehabilitation(ckt-km)</i>	2	1	2	1	1	3					11
Substation Capacity (MVA)			10			10					20
Reactive Power Compensation Plan (MVAr)											
Capital Investment Requirements(in Million PhP)	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	TOTAL
Distribution/Sub-transmission Facilities	81	49	35	28	31	45	26	28	31	34	387
<i>Expansion</i>	79	48	34	27	31	38	28	28			286
<i>Rehabilitation</i>	1	1	1	1	1	7	26		31	34	102
Substation Projects			24			24					48
Electrification Projects	47	21	24	28	32	25	26	26	27	28	284
<b>Total</b>	<b>128</b>	<b>70</b>	<b>83</b>	<b>56</b>	<b>63</b>	<b>94</b>	<b>51</b>	<b>54</b>	<b>58</b>	<b>61</b>	<b>719</b>
Level of Electrification	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	
<b>Barangay Level (%)</b>	<b>95%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	
No of Barangays Electrified (On-Grid)	258	275	275	275	275	275	275	275	275	275	
No. of Barangays Electrified (Off-Grid)	4	12									
<b>Total</b>	<b>262</b>	<b>287</b>	<b>275</b>	<b>275</b>	<b>275</b>	<b>275</b>	<b>275</b>	<b>275</b>	<b>275</b>	<b>275</b>	
<b>Household Level (%)</b>	<b>62%</b>	<b>62%</b>	<b>63%</b>	<b>63%</b>	<b>63%</b>	<b>64%</b>	<b>64%</b>	<b>65%</b>	<b>65%</b>	<b>65%</b>	
No. of Households Electrified (On-Grid)	54,135	56,300	59,115	62,071	65,174	68,433	71,855	75,448	79,220	83,181	
No. of Households Electrified (Off-Grid)											
<b>Total</b>	<b>54,135</b>	<b>56,300</b>	<b>59,115</b>	<b>62,071</b>	<b>65,174</b>	<b>68,433</b>	<b>71,855</b>	<b>75,448</b>	<b>79,220</b>	<b>83,181</b>	

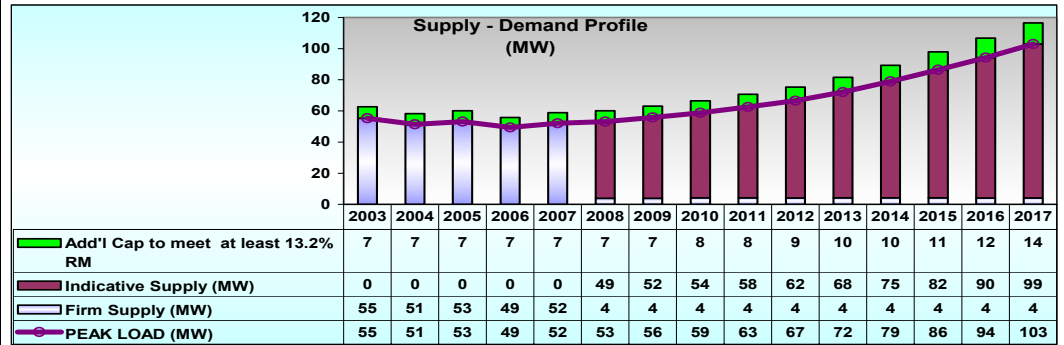
Franchise Coverage:

15 Municipalities ( Alfonso Castaneda, Ambaguio, Aritao, Bagabag, Bambang, Bayombong, Diadi, Dupa Del Norte, Dupax Del Sur, Kasibu, Kayapa, Queezon, Santa Fe, Solano, and Villaverde.)

**REGION 3  
ELECTRIC COOPERATIVES**

## Pampanga II Electric Cooperative, Inc. (PELCO II)

General Information	
Location	San Roque, Guagua, Pampanga
Contact Person	Amador T. Guevarra
Position	General Manager
Tel. No:	(045) 900-0623
Fax No:	(045) 901-0534
E-mail Address	pelco_2@yahoo.com
Coverage Area	
No. of barangays	175
Franchise Population	
SUPPLY HIGHLIGHTS	
<p>PELCO II intends to put up 5 MVA in Lubao (using the standby power transformer at Guagua substation) and 5MVA substation in Porac (using the standby power transformer at Pio substation).</p>	



No. of Customers	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	AAGR
Residential	112,883	119,726	126,936	135,845	145,345	155,510	166,387	178,024	190,477	203,801	7%
Commercial	3,786	3,802	3,818	3,834	3,849	3,864	3,880	3,895	3,911	3,926	0.4%
Industrial	94	97	99	101	103	105	108	110	112	114	2%
Others	11,629	11,633	11,635	11,637	11,636	11,638	11,640	11,641	11,642	11,643	0.1%
<b>Total</b>	<b>128,393</b>	<b>135,258</b>	<b>142,488</b>	<b>151,417</b>	<b>160,934</b>	<b>171,118</b>	<b>182,014</b>	<b>193,670</b>	<b>206,142</b>	<b>219,485</b>	<b>6%</b>
Energy Sales per Customer Type (MWh)	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	AAGR
Residential	178,024	195,989	215,873	239,763	266,461	296,310	333,274	374,920	421,813	474,593	11%
Commercial	36,552	37,953	39,407	40,917	42,486	44,114	45,841	47,636	49,501	51,438	4%
Industrial	13,875	14,456	15,060	15,692	16,347	17,030	17,810	18,624	19,474	20,364	4%
Others	23,528	24,070	24,754	25,461	26,191	26,945	27,313	27,690	28,076	28,472	11%
<b>Total</b>	<b>251,978</b>	<b>272,467</b>	<b>295,095</b>	<b>321,833</b>	<b>351,484</b>	<b>384,399</b>	<b>424,239</b>	<b>468,869</b>	<b>518,864</b>	<b>574,867</b>	<b>10%</b>
Projected Infrastructure Requirements	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	TOTAL
Distribution/Sub-transmission Facilities	20	75	15	8	20						138
<i>Expansion(ckt-km)</i>	10	36	4		6						56
<i>Rehabilitation(ckt-km)</i>	10	38	11	8	14						81
Substation Capacity (MVA)	10	5	10		10						35
Reactive Power Compensation Plan (MVAr)											
Capital Investment Requirements(in Million Php)	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	TOTAL
Distribution/Sub-transmission Facilities	64	121	67	59	96						408
<i>Expansion</i>	33	59	18		28						138
<i>Rehabilitation</i>	31	62	49	59	68						270
Substation Projects	16	28	24		24						92
Electrification Projects	37	42	37	35	35	34	37	39	42	45	384
<b>Total</b>	<b>117</b>	<b>191</b>	<b>129</b>	<b>94</b>	<b>155</b>	<b>34</b>	<b>37</b>	<b>39</b>	<b>42</b>	<b>45</b>	<b>884</b>
Level of Electrification	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	
<b>Barangay Level (%)</b>	<b>98%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	
No of Barangays Electrified (On-Grid)	172	175	175	175	175	175	175	175	175	175	
No. of Barangays Electrified (Off-Grid)											
<b>Total</b>	<b>172</b>	<b>175</b>	<b>175</b>	<b>175</b>	<b>175</b>	<b>175</b>	<b>175</b>	<b>175</b>	<b>175</b>	<b>175</b>	
<b>Household Level (%)</b>	<b>88%</b>	<b>88%</b>	<b>88%</b>	<b>88%</b>	<b>89%</b>	<b>89%</b>	<b>90%</b>	<b>90%</b>	<b>91%</b>	<b>91%</b>	
No. of Households Electrified (On-Grid)	112,883	119,656	126,836	135,714	145,214	155,379	166,256	177,894	190,346	203,671	
No. of Households Electrified (Off-Grid)											
<b>Total</b>	<b>112,883</b>	<b>119,656</b>	<b>126,836</b>	<b>135,714</b>	<b>145,214</b>	<b>155,379</b>	<b>166,256</b>	<b>177,894</b>	<b>190,346</b>	<b>203,671</b>	

Franchise Coverage:

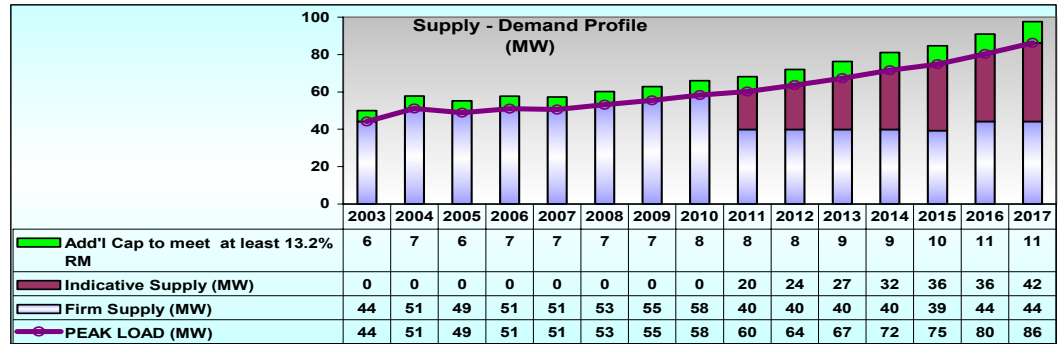
7 Municipalities (Guagua, Bacolor, Sasmuan, Sta. Rita, Lubao, Porac, and Mabalacat)





## Peninsula Electric Cooperative, Inc. (PENELCO)

General Information	
Location	Balanga, Bataan
Contact Person	Engr. Lpreto A. Marcelino
Position	General Manager
Tel. No:	(047) 237 3512 - 13
Fax No:	(047) 791 5103
E-mail Address	info@penelco.com
Coverage Area	1,373 sq.km.
No. of barangays	241
Franchise Population	



**SUPPLY HIGHLIGHTS**  
As of 1997, PENELCO has energized all of its barangays, including 2 in Pampanga and 1 in Zambales. By the year 2011, power purchase agreement with GNP will take effect at 40MW level for the first 5 years. A 4% and 2.2% load growth were used on customer and demand, respectively, based on historical figures. Project funding will be sourced from PENELCO's general fund and other financing institutions.

No. of Customers	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	AAGR
Residential	122,013	128,133	134,557	141,301	148,380	155,811	163,576	171,729	182,019	192,909	5%
Commercial	6,517	6,778	7,049	7,402	7,772	8,160	8,568	8,997	9,537	10,109	5%
Industrial	678	712	747	785	824	865	909	954	1,011	1,072	5%
Others	1,867	1,869	1,871	1,872	1,874	1,876	1,878	1,880	1,882	1,884	0.4%
<b>Total</b>	<b>131,076</b>	<b>137,492</b>	<b>144,225</b>	<b>151,360</b>	<b>158,850</b>	<b>166,713</b>	<b>174,931</b>	<b>183,559</b>	<b>194,448</b>	<b>205,973</b>	<b>5%</b>
Energy Sales per Customer Type (MWh)	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	AAGR
Residential	152,756	161,356	171,354	182,020	194,308	207,443	222,469	238,567	258,053	279,162	7%
Commercial	21,755	22,595	23,564	24,765	26,147	27,618	29,300	31,090	33,278	35,632	5%
Industrial	42,508	44,105	46,001	48,091	50,523	53,086	56,087	59,256	63,144	67,301	5%
Others	13,072	13,174	13,290	13,445	13,608	13,773	14,050	14,332	14,618	14,911	2%
<b>Total</b>	<b>230,091</b>	<b>241,230</b>	<b>254,209</b>	<b>268,321</b>	<b>284,585</b>	<b>301,920</b>	<b>321,907</b>	<b>343,245</b>	<b>369,093</b>	<b>397,006</b>	<b>6%</b>
Projected Infrastructure Requirements	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	TOTAL
Distribution/Sub-transmission Facilities	30	1		5							35
Expansion(ckt-km)	26			5							31
Rehabilitation(ckt-km)	4	1									4
Substation Capacity (MVA)	20	10		5							35
Reactive Power Compensation Plan (MVar)											
Capital Investment Requirements(in Million Php)	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	TOTAL
Distribution/Sub-transmission Facilities	122	101	110	128	133	147	161	177	195	215	1,489
Expansion	108			128							235
Rehabilitation	15	101	110		133	147	161	177	195	215	1,254
Substation Projects	78	39	30	18							165
Electrification Projects	43	58	50	55	60	37	30	32	39	41	445
<b>Total</b>	<b>243</b>	<b>198</b>	<b>190</b>	<b>200</b>	<b>193</b>	<b>183</b>	<b>191</b>	<b>209</b>	<b>234</b>	<b>256</b>	<b>2,099</b>
Level of Electrification	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	
Barangay Level (%)	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	
No. of Barangays Electrified (On-Grid)	241	241	241	241	241	241	241	241	241	241	
No. of Barangays Electrified (Off-Grid)											
<b>Total</b>	<b>241</b>	<b>241</b>	<b>241</b>	<b>241</b>	<b>241</b>	<b>241</b>	<b>241</b>	<b>241</b>	<b>241</b>	<b>241</b>	
Household Level (%)	81%	83%	84%	86%	87%	89%	90%	92%	95%	97%	
No. of Households Electrified (On-Grid)	121,679	127,763	134,151	140,859	147,902	155,297	163,061	171,214	181,504	192,395	
No. of Households Electrified (Off-Grid)											
<b>Total</b>	<b>121,679</b>	<b>127,763</b>	<b>134,151</b>	<b>140,859</b>	<b>147,902</b>	<b>155,297</b>	<b>163,061</b>	<b>171,214</b>	<b>181,504</b>	<b>192,395</b>	

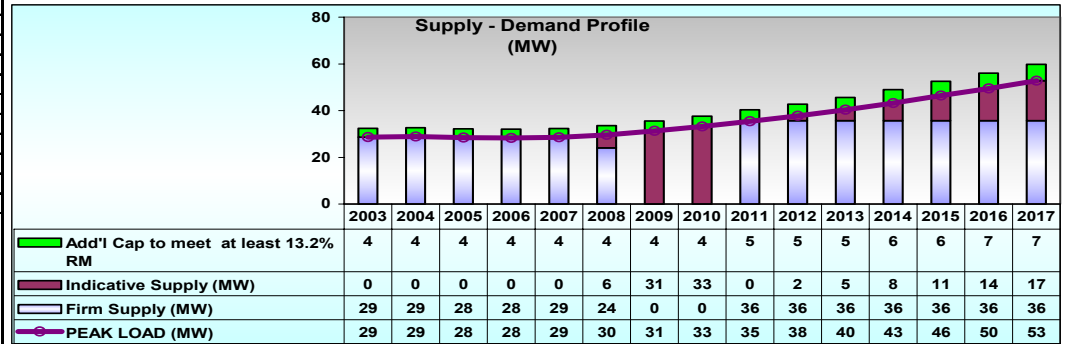
Franchise Coverage:

Province of Bataan: comprising of Balanga City and Municipalities of Dinalupihan, Hermosa Orani, Samal, Abucay, Pilar, Orion, Limay, Mariveles, Bagac, and Morong.



## Tarlac I Electric Cooperative (TARELCO I)

General Information	
Location	Amacalan, Gerona, Tarlac
Contact Person	Engr. Resurreccion R. Coronel
Position	General Manager
Tel. No:	(045) 931-0972
Fax No:	(045) 931-0973
E-mail Address	gmcorex@yahoo.com
Coverage Area	2,000 sq.km.
No. of barangays	421
Franchise Population	
SUPPLY HIGHLIGHTS	
TARELCO I's TSC will expire in Sept. 2008. TARELCO I is planning to renew its contract requirement (approx 90% to Genco, 10% to WESM). TARELCO I will have a contract with GNPower starting 2011.	



No. of Customers	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	AAGR
Residential	116,937	124,026	132,884	142,234	152,213	162,829	174,185	186,327	197,455	209,246	7%
Commercial	3,374	3,408	3,459	3,511	3,563	3,617	3,671	3,726	3,782	3,839	1%
Industrial	252	256	261	266	271	277	282	288	294	300	2%
Others	2,645	2,645	2,647	2,647	2,647	2,648	2,648	2,648	2,649	2,649	0.1%
<b>Total</b>	<b>123,208</b>	<b>130,334</b>	<b>139,251</b>	<b>148,658</b>	<b>158,695</b>	<b>169,370</b>	<b>180,787</b>	<b>192,989</b>	<b>204,179</b>	<b>216,033</b>	<b>7%</b>
Energy Sales per Customer Type (MWh)	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	AAGR
Residential	90,991	96,590	103,674	112,043	121,132	130,998	142,512	155,028	167,160	180,196	8%
Commercial	13,098	13,480	13,936	14,407	14,895	15,399	15,921	16,461	17,019	17,597	3%
Industrial	21,380	22,102	22,839	23,601	24,412	25,274	26,167	27,091	28,049	29,041	3%
Others	5,859	7,001	7,125	7,245	7,359	7,475	7,570	7,667	7,766	7,866	3%
<b>Total</b>	<b>131,327</b>	<b>139,174</b>	<b>147,574</b>	<b>157,297</b>	<b>167,797</b>	<b>179,145</b>	<b>192,169</b>	<b>206,247</b>	<b>219,994</b>	<b>234,700</b>	<b>7%</b>
Projected Infrastructure Requirements	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	TOTAL
Distribution/Sub-transmission Facilities	11	12	31	26	11	17	21	20	7	7	163
Expansion(ckt-km)	3		19	17	5	9	12	12			77
Rehabilitation(ckt-km)	9	12	12	9	6	8	10	8	7	7	87
Substation Capacity (MVA)			5	5			5	5	10		35
Reactive Power Compensation Plan (MVar)											
Capital Investment Requirements(in Million Php)	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	TOTAL
Distribution/Sub-transmission Facilities	53	46	66	65	45	51	60	58	42	41	527
Expansion	13		41	42	21	27	33	34			212
Rehabilitation	40	46	25	23	24	24	27	23	42	41	315
Substation Projects	6		18	18		18	18	18	24		120
Electrification Projects	29	23	19	18	20	19	19	19	18	22	205
<b>Total</b>	<b>88</b>	<b>69</b>	<b>103</b>	<b>101</b>	<b>64</b>	<b>89</b>	<b>97</b>	<b>95</b>	<b>84</b>	<b>62</b>	<b>852</b>
Level of Electrification	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	
Barangay Level (%)	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	
No. of Barangays Electrified (On-Grid)	421	421	421	421	421	421	421	421	421	421	
No. of Barangays Electrified (Off-Grid)											
<b>Total</b>	<b>421</b>	<b>421</b>	<b>421</b>	<b>421</b>	<b>421</b>	<b>421</b>	<b>421</b>	<b>421</b>	<b>421</b>	<b>421</b>	
Household Level (%)	86%	86%	87%	88%	88%	89%	90%	90%	90%	90%	
No. of Households Electrified (On-Grid)	116,532	123,524	132,171	141,423	151,322	161,915	173,249	185,376	196,499	208,289	
No. of Households Electrified (Off-Grid)											
<b>Total</b>	<b>116,532</b>	<b>123,524</b>	<b>132,171</b>	<b>141,423</b>	<b>151,322</b>	<b>161,915</b>	<b>173,249</b>	<b>185,376</b>	<b>196,499</b>	<b>208,289</b>	

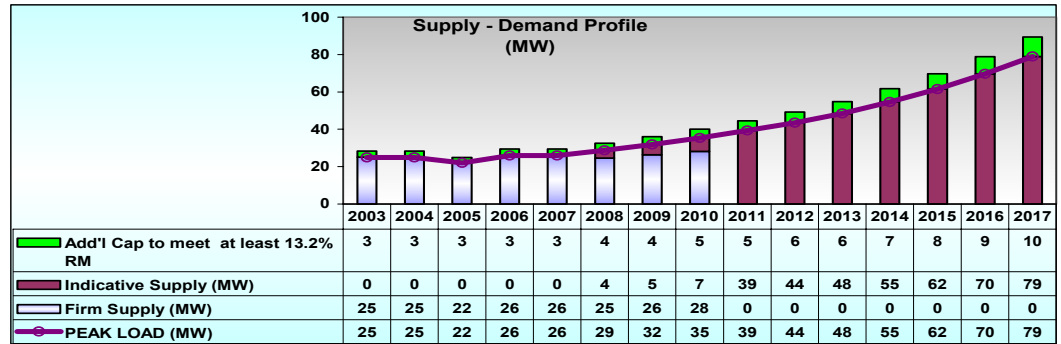
Franchise Coverage:

Covers 13 municipalities of Tarlac: Anao, Camiling, Mayantoc, Moncada, Paniqui, Pura, Ramos, San Clemente, San Manuel, Santa Ignacia, Gerona, San Jose, Victoria, Tarlac City and three municipalities of Nueva Ecija namely: Cuyapo, Guimba, and Nampicuan.



## Pampanga I Electric Cooperative, Inc. (PELCO I)

General Information	
Location	Sto. Domingo, Mexico, Pampanga
Contact Person	Eng'r Loliano E. Allas
Position	General Manager
Tel. No:	(045) 966-0604
Fax No:	(045) 966-0270
E-mail Address	
Coverage Area	
No. of barangays	112
Franchise Population	
SUPPLY HIGHLIGHTS	
<p>PELCO I will construct a 10 MVA in Lagundi Substation. PELCO I's Power Supply Contract with NPC will expire in CY 2010.</p>	



No. of Customers	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	AAGR
Residential	66,257	70,141	74,297	78,871	83,775	89,144	94,924	101,059	108,074	115,564	6%
Commercial	3,255	3,580	3,938	4,332	4,765	5,242	5,766	6,343	6,977	7,675	10%
Industrial	27	27	27	27	27	27	27	27	27	27	0%
Others	1,069	1,078	1,087	1,097	1,109	1,121	1,134	1,149	1,166	1,184	2%
<b>Total</b>	<b>70,609</b>	<b>74,826</b>	<b>79,349</b>	<b>84,327</b>	<b>89,676</b>	<b>95,534</b>	<b>101,852</b>	<b>108,578</b>	<b>116,244</b>	<b>124,449</b>	<b>6%</b>
Energy Sales per Customer Type (MWh)	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	AAGR
Residential	91,353	101,212	112,441	125,157	139,569	155,931	174,368	194,979	219,051	246,091	12%
Commercial	21,108	24,844	29,242	34,418	40,510	47,680	56,119	66,052	77,744	91,504	18%
Industrial	5,229	5,648	6,100	6,587	7,114	7,684	8,298	8,962	9,679	10,454	8%
Others	5,992	6,270	6,557	6,861	7,185	7,530	7,899	8,293	8,716	9,169	5%
<b>Total</b>	<b>123,683</b>	<b>137,974</b>	<b>154,340</b>	<b>173,024</b>	<b>194,378</b>	<b>218,825</b>	<b>246,685</b>	<b>278,287</b>	<b>315,189</b>	<b>357,219</b>	<b>12%</b>
Projected Infrastructure Requirements	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	TOTAL
Distribution/Sub-transmission Facilities	13	12	6	11	1			1			43
<i>Expansion(ckt-km)</i>	7	3	3	3	1			1			17
<i>Rehabilitation(ckt-km)</i>	5	9	3	9							27
Substation Capacity (MVA)	10			10				10			30
Reactive Power Compensation Plan (MVAr)											
Capital Investment Requirements(in Million Php)	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	TOTAL
Distribution/Sub-transmission Facilities	51	67	60	50	34	63	45	43	50	47	511
<i>Expansion</i>	30	15	27	11	34			43			161
<i>Rehabilitation</i>	21	52	34	38	0	63	45		50	47	350
Substation Projects	32	2		26	2	8	8	28	2	2	112
Electrification Projects	48	41	47	44	46	52	54	68	66	71	536
<b>Total</b>	<b>131</b>	<b>110</b>	<b>107</b>	<b>120</b>	<b>82</b>	<b>124</b>	<b>108</b>	<b>139</b>	<b>117</b>	<b>120</b>	<b>1,159</b>
Level of Electrification	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	
<b>Barangay Level (%)</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	
No of Barangays Electrified (On-Grid)	112	112	112	112	112	112	112	112	112	112	
No. of Barangays Electrified (Off-Grid)											
<b>Total</b>	<b>112</b>	<b>112</b>	<b>112</b>	<b>112</b>	<b>112</b>	<b>112</b>	<b>112</b>	<b>112</b>	<b>112</b>	<b>112</b>	
<b>Household Level (%)</b>	<b>69%</b>	<b>70%</b>	<b>72%</b>	<b>75%</b>	<b>77%</b>	<b>80%</b>	<b>83%</b>	<b>85%</b>	<b>89%</b>	<b>92%</b>	
No. of Households Electrified (On-Grid)	65,946	69,573	73,609	78,025	82,863	88,166	93,897	100,000	107,000	114,490	
No. of Households Electrified (Off-Grid)											
<b>Total</b>	<b>65,946</b>	<b>69,573</b>	<b>73,609</b>	<b>78,025</b>	<b>82,863</b>	<b>88,166</b>	<b>93,897</b>	<b>100,000</b>	<b>107,000</b>	<b>114,490</b>	

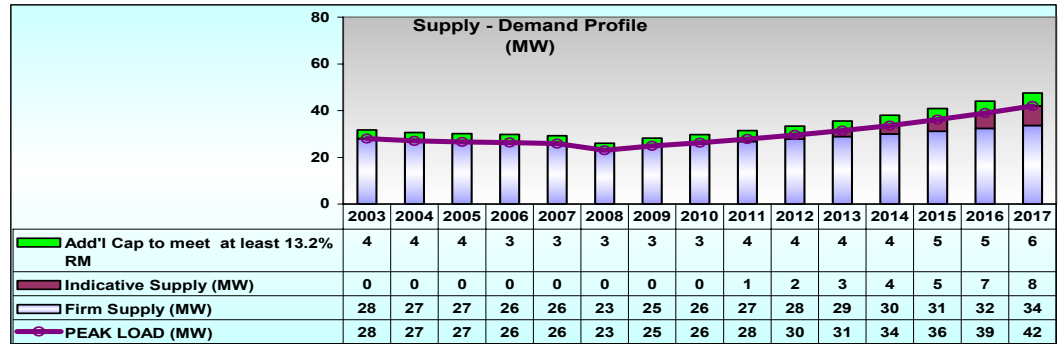
Franchise Coverage:

Municipalities of Arayat, Candaba, Magalang, Mexico, San Luis, and Sta. Ana



## Tarlac II Electric Cooperative, Inc. (TARELCO II)

General Information	
Location	San Nicolas, Concepcion, Tarlac
Contact Person	Amelia S. Tjoaguen
Position	Officer-In-Charge
Tel. No:	(045) 923-0460
Fax No:	(045) 923-0471
E-mail Address	tarelco2pldt.net
Coverage Area	
No. of barangays	120
Franchise Population	
SUPPLY HIGHLIGHTS	
To ensure power reliability to consumers, TARELCO II will upgrade its 10 MVA Substation in Jefmin, Concepcion to 20 MVA in CY 2008.	



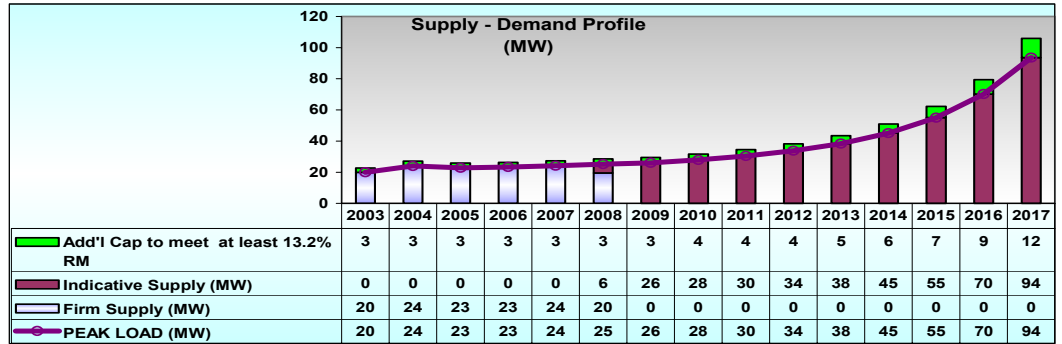
No. of Customers	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	AAGR
Residential	65,276	67,228	69,239	71,656	74,157	76,746	79,808	83,789	87,969	92,357	4%
Commercial	3,389	3,490	3,593	3,700	3,810	3,924	4,041	4,161	4,285	4,412	3%
Industrial	70	71	71	72	73	73	74	75	75	76	1%
Others	715	713	715	716	717	718	719	720	722	723	1%
<b>Total</b>	<b>69,450</b>	<b>71,501</b>	<b>73,619</b>	<b>76,144</b>	<b>78,757</b>	<b>81,461</b>	<b>84,642</b>	<b>88,745</b>	<b>93,050</b>	<b>97,569</b>	<b>4%</b>
Energy Sales per Customer Type (MWh)	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	AAGR
Residential	68,137	73,508	78,685	84,632	91,204	98,472	106,894	116,956	128,067	140,321	8%
Commercial	18,095	19,233	20,368	21,553	22,851	24,272	25,829	27,503	29,304	31,240	6%
Industrial	15,807	16,697	16,958	17,231	17,518	17,819	18,134	18,455	18,782	19,115	2%
Others	3,901	4,001	4,061	4,109	4,159	4,210	4,263	4,315	4,369	4,423	2%
<b>Total</b>	<b>105,940</b>	<b>113,439</b>	<b>120,071</b>	<b>127,526</b>	<b>135,733</b>	<b>144,773</b>	<b>155,120</b>	<b>167,229</b>	<b>180,521</b>	<b>195,099</b>	<b>7%</b>
Projected Infrastructure Requirements	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	TOTAL
Distribution/Sub-transmission Facilities	3	7	4								14
Expansion(ckt-km)	1	7	4								12
Rehabilitation(ckt-km)	2										2
Substation Capacity (MVA)	20	5	5								30
Reactive Power Compensation Plan (MVar)											
Capital Investment Requirements(in Million Php)	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	TOTAL
Distribution/Sub-transmission Facilities	54	50	40	35	35	35	35	35	35	35	388
Expansion	17	50	40								108
Rehabilitation	37			35	35	35	35	35	35	35	280
Substation Projects	15	7	7								29
Electrification Projects	17	10	8	9	10	10	12	15	15	16	122
<b>Total</b>	<b>86</b>	<b>67</b>	<b>56</b>	<b>44</b>	<b>45</b>	<b>45</b>	<b>46</b>	<b>49</b>	<b>50</b>	<b>51</b>	<b>539</b>
Level of Electrification	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	
Barangay Level (%)	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	
No of Barangays Electrified (On-Grid)	120	120	120	120	120	120	120	120	120	120	
No. of Barangays Electrified (Off-Grid)											
<b>Total</b>	<b>120</b>	<b>120</b>	<b>120</b>	<b>120</b>	<b>120</b>	<b>120</b>	<b>120</b>	<b>120</b>	<b>120</b>	<b>120</b>	
Household Level (%)	89%	89%	89%	89%	89%	89%	90%	91%	92%	94%	
No. of Households Electrified (On-Grid)	65,082	67,035	69,046	71,462	73,964	76,552	79,614	83,595	87,775	92,164	
No. of Households Electrified (Off-Grid)											
<b>Total</b>	<b>65,082</b>	<b>67,035</b>	<b>69,046</b>	<b>71,462</b>	<b>73,964</b>	<b>76,552</b>	<b>79,614</b>	<b>83,595</b>	<b>87,775</b>	<b>92,164</b>	

Franchise Coverage:

4 Municipalities (Bamban, Capas, Concepcion, and La Paz)

## Nueva Ecija II Electric Cooperative, Inc. - Area 1 (NEECO II - Area 1)

General Information	
Location	Calipahan, Talavera, Nueva Ecija
Contact Person	Eilalia M. Castro
Position	OIC-General Manager
Tel. No:	(044) 411-1007
Fax No:	(044) 411-1007
E-mail Address	neeco2_area1@yahoo.com.ph
Coverage Area	
No. of barangays	291
Franchise Population	
SUPPLY HIGHLIGHTS	
NPC is the sole energy supplier of NEECO II Area 1, however the Transition Supply Contract will expire on October, 2008. The management is considering to conduct public bidding and invite other suppliers in the power industry.	



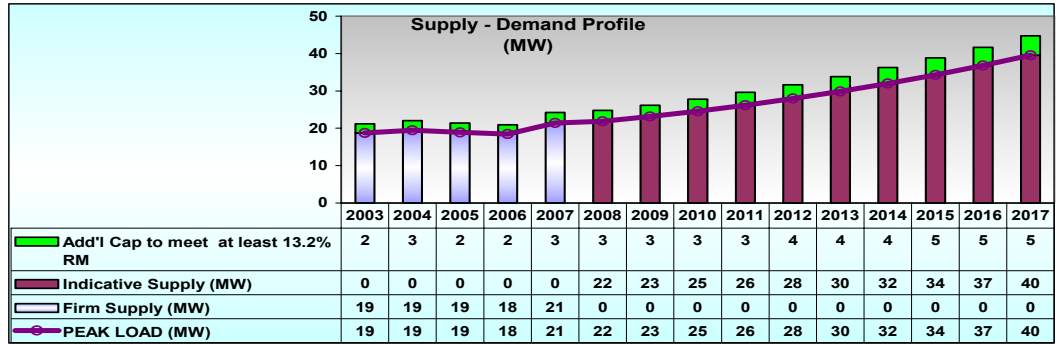
No. of Customers	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	AAGR
Residential	74,752	76,771	79,978	83,282	86,654	90,126	93,736	97,490	101,393	105,452	4%
Commercial	1,964	1,984	2,004	2,024	2,044	2,065	2,085	2,106	2,127	2,148	1%
Industrial	370	382	395	407	420	434	448	462	477	492	3%
Others	1,589	1,589	1,589	1,589	1,589	1,589	1,590	1,590	1,590	1,590	0.1%
<b>Total</b>	<b>78,676</b>	<b>80,726</b>	<b>83,965</b>	<b>87,302</b>	<b>90,708</b>	<b>94,214</b>	<b>97,859</b>	<b>101,648</b>	<b>105,587</b>	<b>109,682</b>	<b>4%</b>
Energy Sales per Customer Type (MWh)	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	AAGR
Residential	63,368	66,962	70,235	73,675	77,285	81,075	85,055	89,234	93,623	98,232	5%
Commercial	4,849	5,004	8,084	13,059	21,098	34,084	55,065	88,960	143,720	232,188	50%
Industrial	18,720	20,170	21,920	23,823	25,891	28,140	30,585	33,243	36,133	39,276	8%
Others	3,233	2,161	2,203	2,248	2,297	2,349	2,406	2,468	2,536	2,611	-1%
<b>Total</b>	<b>90,169</b>	<b>94,297</b>	<b>102,441</b>	<b>112,805</b>	<b>126,571</b>	<b>145,649</b>	<b>173,111</b>	<b>213,905</b>	<b>276,012</b>	<b>372,306</b>	<b>16%</b>
Projected Infrastructure Requirements	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	TOTAL
Distribution/Sub-transmission Facilities	14	10	15	14	12	12	10	10	10	10	117
<i>Expansion(ckt-km)</i>			5	4	2	2					13
<i>Rehabilitation(ckt-km)</i>	14	10	10	10	10	10	10	10	10	10	104
Substation Capacity (MVA)	5										5
Reactive Power Compensation Plan (MVAr)											
Capital Investment Requirements(in Million PhP)	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	TOTAL
Distribution/Sub-transmission Facilities	53	47	50	50	47	48	46	46	46	46	479
<i>Expansion</i>	1		16	15	7	7					47
<i>Rehabilitation</i>	51	47	34	35	40	40	46	46	46	46	432
Substation Projects		16		12							28
Electrification Projects	14	8	19	14	19	20	13	14	14	15	149
<b>Total</b>	<b>67</b>	<b>70</b>	<b>69</b>	<b>76</b>	<b>67</b>	<b>67</b>	<b>60</b>	<b>60</b>	<b>60</b>	<b>61</b>	<b>656</b>
Level of Electrification	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	
<b>Barangay Level (%)</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	
No. of Barangays Electrified (On-Grid)	291	291	291	291	291	291	291	291	291	291	
No. of Barangays Electrified (Off-Grid)											
<b>Total</b>	<b>291</b>	<b>291</b>	<b>291</b>	<b>291</b>	<b>291</b>	<b>291</b>	<b>291</b>	<b>291</b>	<b>291</b>	<b>291</b>	
<b>Household Level (%)</b>	<b>70%</b>	<b>70%</b>	<b>70%</b>	<b>70%</b>	<b>71%</b>	<b>71%</b>	<b>71%</b>	<b>72%</b>	<b>72%</b>	<b>72%</b>	
No. of Households Electrified (On-Grid)	74,720	76,738	79,807	83,000	86,320	89,772	93,363	97,098	100,982	105,021	
No. of Households Electrified (Off-Grid)											
<b>Total</b>	<b>74,720</b>	<b>76,738</b>	<b>79,807</b>	<b>83,000</b>	<b>86,320</b>	<b>89,772</b>	<b>93,363</b>	<b>97,098</b>	<b>100,982</b>	<b>105,021</b>	

Franchise Coverage:

Municipalities of Talavera, Aliaga, Guimba, Talugtag, Lupao Carranglan, Sto. Domingo, Quezon, Licab & Science, and the City of Munoz.

## Nueva Ecija II Electric Cooperative, Inc. - Area 2 (NEECO II - Area 2)

General Information	
Location	2nd Ffr. Arcade Bldg., Brav. Atate, Palayan City
Contact Person	Ramon M. De Vera
Position	General Manager
Tel. No:	(044) 958-1051
Fax No:	(044) 958-1053
E-mail Address	neecoii_area2@yahoo.com
Coverage Area	1,934.20 sq.km.
No. of barangays	228
Franchise Population	
SUPPLY HIGHLIGHTS	
NEECO II-AREA 2 will install 10 MVA substation at Palayan City in CY 2010 and 5 MVA in Penaranda in CY 2012. EC gets power thru Forward Contract with the supplier.	



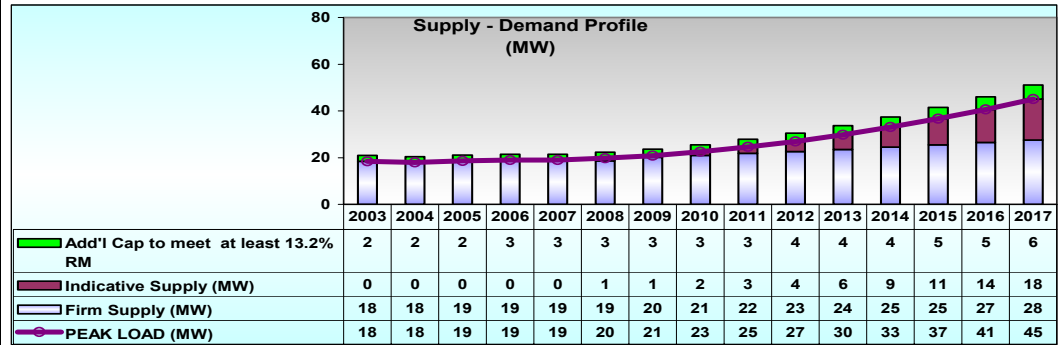
No. of Customers	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	AAGR
Residential	65,159	68,170	71,388	74,813	78,441	81,974	85,666	89,522	93,551	97,760	5%
Commercial	1,569	1,585	1,601	1,616	1,631	1,647	1,664	1,680	1,697	1,715	1%
Industrial	95	96	96	97	97	98	99	100	100	101	1%
Others	744	745	745	743	743	745	745	745	746	746	0.2%
<b>Total</b>	<b>67,567</b>	<b>70,595</b>	<b>73,831</b>	<b>77,269</b>	<b>80,912</b>	<b>84,464</b>	<b>88,173</b>	<b>92,047</b>	<b>96,094</b>	<b>100,322</b>	<b>4%</b>
Energy Sales per Customer Type (MWh)	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	AAGR
Residential	64,103	67,451	71,274	75,572	80,306	85,348	90,717	96,436	102,527	109,220	6%
Commercial	9,920	10,770	11,728	12,767	13,933	15,264	16,768	18,453	20,339	22,453	9%
Industrial	17,243	19,083	21,121	23,347	25,808	28,564	31,614	34,990	38,727	42,863	11%
Others	3,969	4,013	4,058	4,100	4,147	4,198	4,247	4,298	4,350	4,403	1%
<b>Total</b>	<b>95,235</b>	<b>101,318</b>	<b>108,181</b>	<b>115,786</b>	<b>124,195</b>	<b>133,373</b>	<b>143,346</b>	<b>154,176</b>	<b>165,943</b>	<b>178,940</b>	<b>7%</b>
Projected Infrastructure Requirements	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	TOTAL
Distribution/Sub-transmission Facilities	6	17	20	13	7	23	5	27	11	17	147
Expansion(ckt-km)	6	17	9	13	2	23		27		17	115
Rehabilitation(ckt-km)			11		5		5		11		32
Substation Capacity (MVA)			10		5		5		10		30
Reactive Power Compensation Plan (MVar)											
Capital Investment Requirements(in Million Php)	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	TOTAL
Distribution/Sub-transmission Facilities	76	68	53	53	49	63	32	68	32	55	548
Expansion	76	68	24	53	15	63		68		55	421
Rehabilitation			29		34		32		32		127
Substation Projects			24		18		18		24		84
Electrification Projects	20	10	10	11	11	11	11	12	12	13	122
<b>Total</b>	<b>96</b>	<b>77</b>	<b>87</b>	<b>64</b>	<b>78</b>	<b>74</b>	<b>61</b>	<b>80</b>	<b>68</b>	<b>68</b>	<b>754</b>
Level of Electrification	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	
Barangay Level (%)	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	
No. of Barangays Electrified (On-Grid)	228	228	228	228	228	228	228	228	228	228	
No. of Barangays Electrified (Off-Grid)											
<b>Total</b>	<b>228</b>	<b>228</b>	<b>228</b>	<b>228</b>	<b>228</b>	<b>228</b>	<b>228</b>	<b>228</b>	<b>228</b>	<b>228</b>	
Household Level (%)	64%	65%	67%	68%	70%	71%	73%	74%	76%	77%	
No. of Households Electrified (On-Grid)	64,919	67,731	70,841	74,182	77,736	81,240	84,902	88,728	92,728	96,907	
No. of Households Electrified (Off-Grid)											
<b>Total</b>	<b>64,919</b>	<b>67,731</b>	<b>70,841</b>	<b>74,182</b>	<b>77,736</b>	<b>81,240</b>	<b>84,902</b>	<b>88,728</b>	<b>92,728</b>	<b>96,907</b>	

Franchise Coverage:

Gen. Llanera, Gen. Natividad, Rizal, and Palayan City.

## Nueva Ecija I Electric Cooperative, Inc. (NEECO I)

General Information	
Location	Malapit, San Isidro, Nueva Ecija
Contact Person	Mr. Rogelio B. Marzan
Position	General Manager
Tel. No:	(044) 486-0201
Fax No:	(044) 486-2026
E-mail Address	
Coverage Area	
No. of barangays	95
Franchise Population	
SUPPLY HIGHLIGHTS	
NEECO I considers rehabilitation of existing 5 MVA and its accessories as top priority project.	



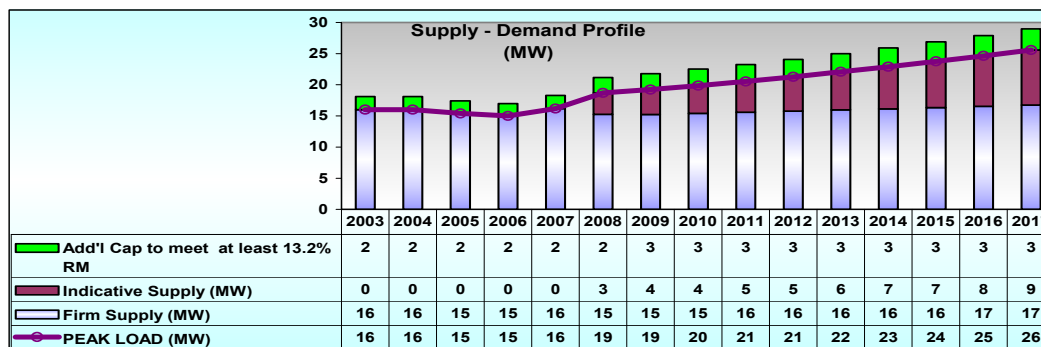
No. of Customers	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	AAGR
Residential	55,712	57,940	61,489	64,546	67,740	71,765	76,030	80,552	85,345	90,426	5%
Commercial	2,086	2,091	2,120	2,126	2,132	2,137	2,142	2,148	2,153	2,158	0.4%
Industrial	76	77	77	78	79	80	80	81	82	83	1%
Others	128	128	140	140	141	141	141	141	141	141	1%
<b>Total</b>	<b>58,002</b>	<b>60,236</b>	<b>63,826</b>	<b>66,890</b>	<b>70,092</b>	<b>74,122</b>	<b>78,394</b>	<b>82,922</b>	<b>87,722</b>	<b>92,808</b>	<b>5%</b>
Energy Sales per Customer Type (MWh)	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	AAGR
Residential	65,498	72,205	80,364	89,446	99,553	111,858	125,683	141,218	158,672	178,284	12%
Commercial	9,606	10,112	10,644	11,204	11,794	12,414	13,068	13,755	14,479	15,241	5%
Industrial	14,601	16,214	18,005	19,994	22,203	24,656	27,380	30,405	33,764	37,495	11%
Others	1,171	1,182	1,194	1,206	1,218	1,231	1,243	1,256	1,268	1,281	1%
<b>Total</b>	<b>90,876</b>	<b>99,713</b>	<b>110,208</b>	<b>121,850</b>	<b>134,768</b>	<b>150,158</b>	<b>167,374</b>	<b>186,634</b>	<b>208,184</b>	<b>232,302</b>	<b>11%</b>
Projected Infrastructure Requirements	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	TOTAL
Distribution/Sub-transmission Facilities	4	0.4	7	16							27
Expansion(ckt-km)			4	7							11
Rehabilitation(ckt-km)	4	0.4	3	9							16
Substation Capacity (MVA)	5			10		10					25
Reactive Power Compensation Plan (MVAr)											
Capital Investment Requirements(in Million Php)	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	TOTAL
Distribution/Sub-transmission Facilities	30	24	38	47	32	32	32	32	32	32	330
Expansion			22	21							42
Rehabilitation	30	24	17	26	32	32	32	32	32	32	288
Substation Projects	10					24					34
Electrification Projects	9	13	25	13	15	15	18	16	17	18	159
<b>Total</b>	<b>50</b>	<b>36</b>	<b>64</b>	<b>59</b>	<b>47</b>	<b>70</b>	<b>50</b>	<b>48</b>	<b>49</b>	<b>50</b>	<b>523</b>
Level of Electrification	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	
<b>Barangay Level (%)</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	
No of Barangays Electrified (On-Grid)	95	95	95	95	95	95	95	95	95	95	
No. of Barangays Electrified (Off-Grid)											
<b>Total</b>	<b>95</b>	<b>95</b>	<b>95</b>	<b>95</b>	<b>95</b>	<b>95</b>	<b>95</b>	<b>95</b>	<b>95</b>	<b>95</b>	
<b>Household Level (%)</b>	<b>77%</b>	<b>78%</b>	<b>78%</b>	<b>79%</b>	<b>80%</b>	<b>82%</b>	<b>83%</b>	<b>85%</b>	<b>87%</b>	<b>89%</b>	
No. of Households Electrified (On-Grid)	55,712	57,940	60,837	63,879	67,073	71,097	75,363	79,885	84,678	89,759	
No. of Households Electrified (Off-Grid)											
<b>Total</b>	<b>55,712</b>	<b>57,940</b>	<b>60,837</b>	<b>63,879</b>	<b>67,073</b>	<b>71,097</b>	<b>75,363</b>	<b>79,885</b>	<b>84,678</b>	<b>89,759</b>	

Franchise Coverage:

Gapan City and the Municipalities of San Isidro, Cabiao, Jaen ,and San Antonio, Nueva Ecija.

## Zambales II Electric Cooperative, Inc. (ZAMECO II)

General Information	
Location	Brqy. Maqsaysay, Castillejos, Zambales
Contact Person	Engr. Fidel S. Correa
Position	Genera Manager
Tel. No:	(047) 623-2402
Fax No:	(047) 623-2401
E-mail Address	delscor@yahoo.com
Coverage Area	1,430 sq.km.
No. of barangays	111
Franchise Population	
SUPPLY HIGHLIGHTS	
Transition Supply Contract with NPC is pending.	



No. of Customers	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	AAGR
Residential	47,072	48,698	50,381	52,123	53,926	55,792	57,723	59,722	61,791	63,932	4%
Commercial	3,757	3,896	4,041	4,192	4,348	4,510	4,679	4,853	5,035	5,223	4%
Industrial	74	74	75	75	76	77	77	78	78	79	1%
Others	2,725	2,726	2,726	2,727	2,727	2,727	2,728	2,728	2,729	2,729	0.1%
<b>Total</b>	<b>53,627</b>	<b>55,394</b>	<b>57,223</b>	<b>59,117</b>	<b>61,077</b>	<b>63,106</b>	<b>65,207</b>	<b>67,381</b>	<b>69,633</b>	<b>71,963</b>	<b>3.5%</b>
Energy Sales per Customer Type (MWh)	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	AAGR
Residential	55,783	58,264	60,813	63,485	66,352	69,633	73,088	76,728	80,562	84,600	5%
Commercial	11,254	11,872	12,507	13,176	13,881	14,624	15,406	16,230	17,099	18,013	5%
Industrial	7,569	7,667	7,767	7,767	7,869	7,971	8,075	8,180	8,287	8,395	1%
Others	17,099	18,833	19,323	19,833	20,366	20,921	21,119	21,319	21,523	21,729	13%
<b>Total</b>	<b>91,704</b>	<b>96,636</b>	<b>100,410</b>	<b>104,364</b>	<b>108,570</b>	<b>113,253</b>	<b>117,794</b>	<b>122,565</b>	<b>127,578</b>	<b>132,847</b>	<b>5%</b>
Projected Infrastructure Requirements	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	TOTAL
Distribution/Sub-transmission Facilities	43	30									73
Expansion(ckt-km)	28										28
Rehabilitation(ckt-km)	15	30									45
Substation Capacity (MVA)	20	10									30
Reactive Power Compensation Plan (MVar)	6	6	6	7	7	7	8	8	8	8	71
Capital Investment Requirements(in Million Php)	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	TOTAL
Distribution/Sub-transmission Facilities	66	27									94
Expansion	43										43
Rehabilitation	23	27									50
Substation Projects	31										31
Electrification Projects	51	36	31	32	32	27	27	27	15	15	294
<b>Total</b>	<b>149</b>	<b>63</b>	<b>31</b>	<b>32</b>	<b>32</b>	<b>27</b>	<b>27</b>	<b>27</b>	<b>15</b>	<b>15</b>	<b>418</b>
Level of Electrification	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	
<b>Barangay Level (%)</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	
No. of Barangays Electrified (On-Grid)	111	111	111	111	111	111	111	111	111	111	
No. of Barangays Electrified (Off-Grid)											
<b>Total</b>	<b>111</b>	<b>111</b>	<b>111</b>	<b>111</b>	<b>111</b>	<b>111</b>	<b>111</b>	<b>111</b>	<b>111</b>	<b>111</b>	
<b>Household Level (%)</b>	<b>87%</b>	<b>88%</b>	<b>89%</b>	<b>91%</b>	<b>92%</b>	<b>93%</b>	<b>94%</b>	<b>96%</b>	<b>97%</b>	<b>98%</b>	
No. of Households Electrified (On-Grid)	46,459	48,085	49,768	51,510	53,313	55,179	57,110	59,109	61,178	63,319	
No. of Households Electrified (Off-Grid)											
<b>Total</b>	<b>46,459</b>	<b>48,085</b>	<b>49,768</b>	<b>51,510</b>	<b>53,313</b>	<b>55,179</b>	<b>57,110</b>	<b>59,109</b>	<b>61,178</b>	<b>63,319</b>	

Franchise Coverage:

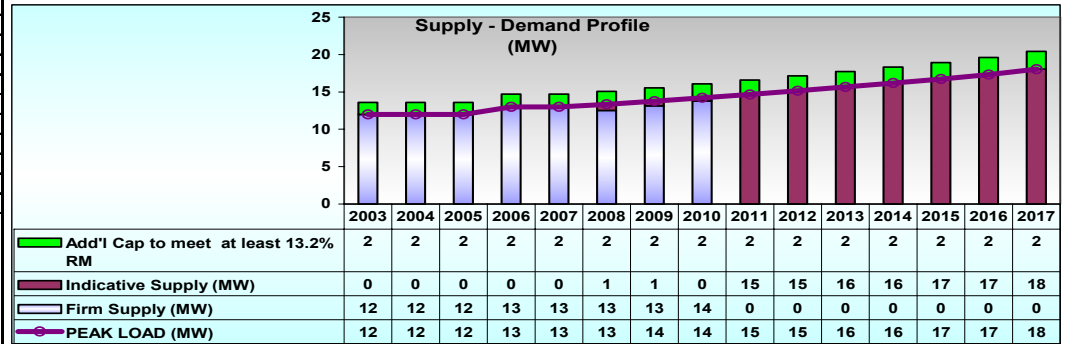
Covers the municipalities of Subic, Castillejos, San Marcelino, San Antonio, San Narciso, San Felipe, and Cabangan.





## Zambales I Electric Cooperative, Inc. (ZAMECO I)

General Information	
Location	San Vicente, Palauig, Zambales
Contact Person	Engr. Rene A. Divino
Position	General Manager
Tel. No:	(047) 603-0106
Fax No:	(047) 821-1029
E-mail Address	zameco1mail@yahoo.com
Coverage Area	
No. of barangays	118
Franchise Population	
SUPPLY HIGHLIGHTS	
ZAMECO I will install a 10 MVA Substation at Sta. Cruz in CY 2008.	



No. of Customers	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	AAGR
Residential	38,283	39,432	40,614	41,833	43,088	44,381	45,712	47,083	48,496	50,436	3%
Commercial	2,961	3,000	3,039	3,078	3,118	3,159	3,200	3,241	3,283	3,326	1%
Industrial	107	108	109	110	111	113	114	115	116	117	1%
Others	482	477	477	477	477	477	477	477	477	477	0%
<b>Total</b>	<b>41,833</b>	<b>43,016</b>	<b>44,239</b>	<b>45,498</b>	<b>46,794</b>	<b>48,128</b>	<b>49,502</b>	<b>50,916</b>	<b>52,372</b>	<b>54,356</b>	<b>3%</b>
Energy Sales per Customer Type (MWh)	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	AAGR
Residential	35,720	37,715	39,821	42,045	44,392	46,871	49,488	52,251	55,169	58,805	6%
Commercial	7,941	8,124	8,312	8,504	8,701	8,902	9,108	9,319	9,534	9,755	2%
Industrial	8,688	8,950	9,220	9,499	9,785	10,081	10,385	10,699	11,022	11,355	3%
Others	2,809	2,850	2,921	2,994	3,070	3,148	3,228	3,310	3,395	3,482	3%
<b>Total</b>	<b>55,157</b>	<b>57,639</b>	<b>60,274</b>	<b>63,042</b>	<b>65,949</b>	<b>69,002</b>	<b>72,209</b>	<b>75,579</b>	<b>79,120</b>	<b>83,398</b>	<b>5%</b>
Projected Infrastructure Requirements	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	TOTAL
Distribution/Sub-transmission Facilities	4			3	0.5						7
<i>Expansion(ckt-km)</i>											
<i>Rehabilitation(ckt-km)</i>	4			3	0.5						7
Substation Capacity (MVA)	10										10
Reactive Power Compensation Plan (MVar)											
Capital Investment Requirements(in Million Php)	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	TOTAL
Distribution/Sub-transmission Facilities	22	14	15	16	16						83
<i>Expansion</i>											
<i>Rehabilitation</i>	22	14	15	16	16						83
Substation Projects	14										14
Electrification Projects	15	12	11	12	12	14	7	7	7	9	107
<b>Total</b>	<b>51</b>	<b>26</b>	<b>25</b>	<b>29</b>	<b>28</b>	<b>14</b>	<b>7</b>	<b>7</b>	<b>7</b>	<b>9</b>	<b>204</b>
Level of Electrification	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	
Barangay Level (%)	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	
No of Barangays Electrified (On-Grid)	118	118	118	118	118	118	118	118	118	118	
No. of Barangays Electrified (Off-Grid)											
<b>Total</b>	<b>118</b>	<b>118</b>	<b>118</b>	<b>118</b>	<b>118</b>	<b>118</b>	<b>118</b>	<b>118</b>	<b>118</b>	<b>118</b>	
Household Level (%)	88%	88%	89%	89%	89%	89%	90%	90%	90%	91%	
No. of Households Electrified (On-Grid)	38,283	39,432	40,614	41,833	43,088	44,381	45,712	47,083	48,496	50,436	
No. of Households Electrified (Off-Grid)											
<b>Total</b>	<b>38,283</b>	<b>39,432</b>	<b>40,614</b>	<b>41,833</b>	<b>43,088</b>	<b>44,381</b>	<b>45,712</b>	<b>47,083</b>	<b>48,496</b>	<b>50,436</b>	

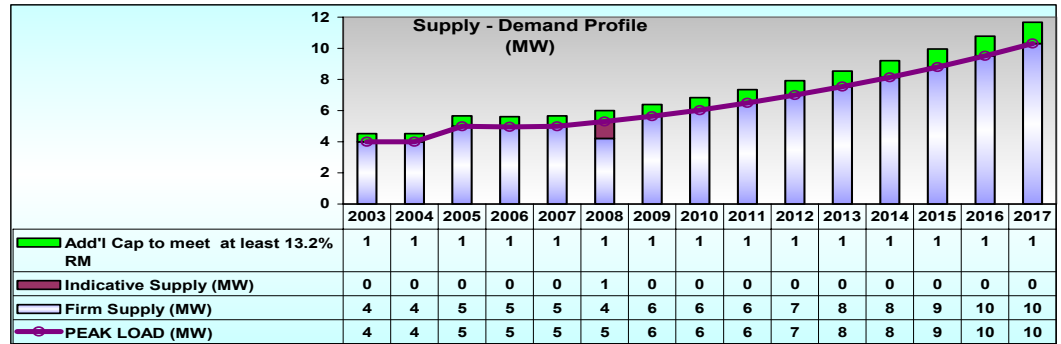
Franchise Coverage:

6 Municipalities (Botolan, Iba, Palauig, Masinloc, Candelaria, and Sta. Cruz)



## Pampanga Rural Electric Service Cooperative, Inc. (PRESCO)

General Information	
Location	Brqy. Anao, Mexico, Pampanga
Contact Person	Mr. Efren M. Tongol
Position	General Manager
Tel. No:	(045) 963-2871
Fax No:	(045) 963-2871
E-mail Address	presco4u2001@yahoo.com
Coverage Area	290 sq.km.
No. of barangays	34
Franchise Population	
SUPPLY HIGHLIGHTS	



No. of Customers	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	AAGR
Residential	14,308	14,981	15,687	16,425	17,198	18,007	18,854	19,740	20,666	21,637	5%
Commercial	339	372	407	446	488	534	585	641	702	768	10%
Industrial											
Others	230	230	231	231	232	233	233	234	236	237	1%
<b>Total</b>	<b>14,877</b>	<b>15,584</b>	<b>16,325</b>	<b>17,102</b>	<b>17,918</b>	<b>18,774</b>	<b>19,673</b>	<b>20,615</b>	<b>21,604</b>	<b>22,642</b>	<b>5%</b>
Energy Sales per Customer Type (MWh)	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	AAGR
Residential	18,743	19,843	21,008	22,242	23,549	24,934	26,401	27,956	29,602	31,346	6%
Commercial	4,616	5,262	6,000	6,841	7,801	8,896	10,146	11,571	13,196	15,051	14%
Industrial											
Others	516	532	556	580	607	634	663	694	726	760	5%
<b>Total</b>	<b>23,876</b>	<b>25,637</b>	<b>27,563</b>	<b>29,664</b>	<b>31,957</b>	<b>34,465</b>	<b>37,210</b>	<b>40,220</b>	<b>43,525</b>	<b>47,158</b>	<b>8%</b>
Projected Infrastructure Requirements	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	TOTAL
Distribution/Sub-transmission Facilities	4	1				4					9
<i>Expansion(ckt-km)</i>	1					4					5
<i>Rehabilitation(ckt-km)</i>	4	1									4
Substation Capacity (MVA)	20	10		5							35
Reactive Power Compensation Plan (MVar)											
Capital Investment Requirements(in Million Php)	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	TOTAL
Distribution/Sub-transmission Facilities	13	6	5	5	5	10	5	5	5	5	61
<i>Expansion</i>	2					10					12
<i>Rehabilitation</i>	11	6	5	5	5		5	5	5	5	49
Substation Projects						18					18
Electrification Projects	9	12	6	4	3	4	3	3	4	4	51
<b>Total</b>	<b>22</b>	<b>18</b>	<b>11</b>	<b>8</b>	<b>8</b>	<b>32</b>	<b>8</b>	<b>8</b>	<b>8</b>	<b>8</b>	<b>131</b>
Level of Electrification	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	
<b>Barangay Level (%)</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	
No. of Barangays Electrified (On-Grid)	34	34	34	34	34	34	34	34	34	34	
No. of Barangays Electrified (Off-Grid)											
<b>Total</b>	<b>34</b>	<b>34</b>	<b>34</b>	<b>34</b>	<b>34</b>	<b>34</b>	<b>34</b>	<b>34</b>	<b>34</b>	<b>34</b>	
<b>Household Level (%)</b>	<b>74%</b>	<b>75%</b>	<b>75%</b>	<b>75%</b>	<b>76%</b>	<b>76%</b>	<b>76%</b>	<b>77%</b>	<b>77%</b>	<b>77%</b>	
No. of Households Electrified (On-Grid)	14,298	14,970	15,673	16,410	17,181	17,989	18,834	19,720	20,646	21,617	
No. of Households Electrified (Off-Grid)											
<b>Total</b>	<b>14,298</b>	<b>14,970</b>	<b>15,673</b>	<b>16,410</b>	<b>17,181</b>	<b>17,989</b>	<b>18,834</b>	<b>19,720</b>	<b>20,646</b>	<b>21,617</b>	

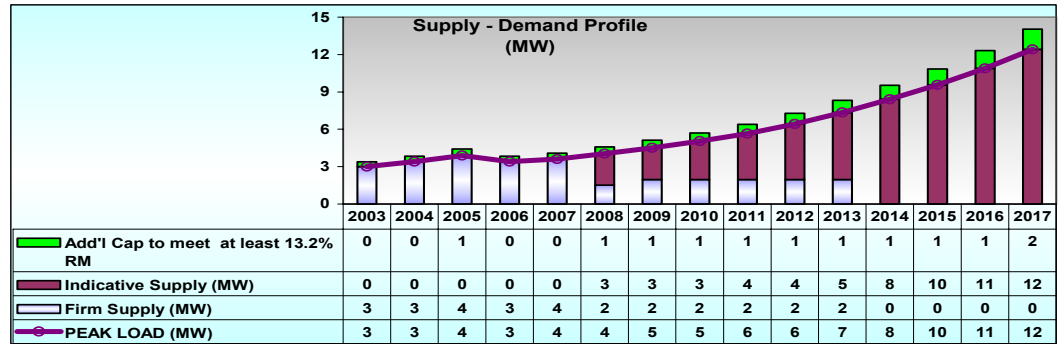
Franchise Coverage:

4 Municipalities (Mexico, Magalang, Arayat, and Sta. Ana)



## Aurora Electric Cooperative, Inc. (AURELCO)

General Information	
Location	Brgy. Reserva, Baler, Aurora
Contact Person	Engr. Agripino A. Teh San
Position	General Manager
Tel. No:	0920-4885614
Fax No:	
E-mail Address	
Coverage Area	
No. of barangays	157
Franchise Population	
SUPPLY HIGHLIGHTS	
Energy supply requirements come from NPC, PNOC and from ISELCO I MINI HYDRO. ISELCO I intends to install a 5 MVA Substation in Angadanan and construct 5 kms of 69 KV sub-transmission Line along Alicia-Angadanan, both in CY 2009.	



No. of Customers	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	AAGR
Residential	26,889	28,624	30,831	33,062	36,152	39,119	42,306	45,267	48,424	51,791	7%
Commercial	1,279	1,346	1,455	1,597	1,746	1,851	1,961	2,074	2,192	2,317	7%
Industrial	100	102	112	130	147	155	164	173	181	188	7%
Others	1,057	1,062	1,086	1,112	1,145	1,183	1,195	1,206	1,217	1,229	2%
<b>Total</b>	<b>29,324</b>	<b>31,133</b>	<b>33,484</b>	<b>35,902</b>	<b>39,190</b>	<b>42,307</b>	<b>45,626</b>	<b>48,719</b>	<b>52,014</b>	<b>55,525</b>	<b>7%</b>
Energy Sales per Customer Type (MWh)	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	AAGR
Residential	14,260	16,329	18,676	21,337	24,833	28,932	33,673	38,839	44,778	51,632	15%
Commercial	2,061	2,294	2,549	2,889	3,276	3,675	4,125	4,622	5,180	5,805	12%
Industrial	674	769	912	1,085	1,289	1,512	1,806	2,135	2,522	2,980	18%
Others	2,651	2,786	2,927	3,078	3,240	3,486	3,683	3,892	4,115	4,354	6%
<b>Total</b>	<b>19,646</b>	<b>22,178</b>	<b>25,064</b>	<b>28,389</b>	<b>32,638</b>	<b>37,605</b>	<b>43,287</b>	<b>49,488</b>	<b>56,595</b>	<b>64,771</b>	<b>14%</b>
Projected Infrastructure Requirements	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	TOTAL
Distribution/Sub-transmission Facilities	63		1	1	6	0.5	0.4				73
Expansion(ckt-km)	38		1	1	6	0.5	0.4				48
Rehabilitation(ckt-km)	25										25
Substation Capacity (MVA)			5					5			10
Reactive Power Compensation Plan (MVAr)											
Capital Investment Requirements(in Million Php)	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	TOTAL
Distribution/Sub-transmission Facilities	55		14	9	11	1	1				91
Expansion	33		14	9	11	1	1				70
Rehabilitation	22										22
Substation Projects			18					18			36
Electrification Projects	15	9	17	13	16	15	19	17	20	19	159
<b>Total</b>	<b>70</b>	<b>9</b>	<b>49</b>	<b>22</b>	<b>27</b>	<b>17</b>	<b>20</b>	<b>35</b>	<b>20</b>	<b>19</b>	<b>286</b>
Level of Electrification	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	
<b>Barangay Level (%)</b>	<b>99%</b>	<b>99%</b>	<b>99%</b>	<b>99%</b>	<b>99%</b>	<b>99%</b>	<b>99%</b>	<b>99%</b>	<b>99%</b>	<b>99%</b>	
No. of Barangays Electrified (On-Grid)	156	156	156	156	156	156	156	156	156	156	
No. of Barangays Electrified (Off-Grid)											
<b>Total</b>	<b>156</b>	<b>156</b>	<b>156</b>	<b>156</b>	<b>156</b>	<b>156</b>	<b>156</b>	<b>156</b>	<b>156</b>	<b>156</b>	
<b>Household Level (%)</b>	<b>65%</b>	<b>67%</b>	<b>69%</b>	<b>71%</b>	<b>75%</b>	<b>79%</b>	<b>83%</b>	<b>86%</b>	<b>90%</b>	<b>94%</b>	
No. of Households Electrified (On-Grid)	26,651	28,250	29,945	31,741	34,280	37,023	39,985	42,784	45,779	48,983	
No. of Households Electrified (Off-Grid)											
<b>Total</b>	<b>26,651</b>	<b>28,250</b>	<b>29,945</b>	<b>31,741</b>	<b>34,280</b>	<b>37,023</b>	<b>39,985</b>	<b>42,784</b>	<b>45,779</b>	<b>48,983</b>	

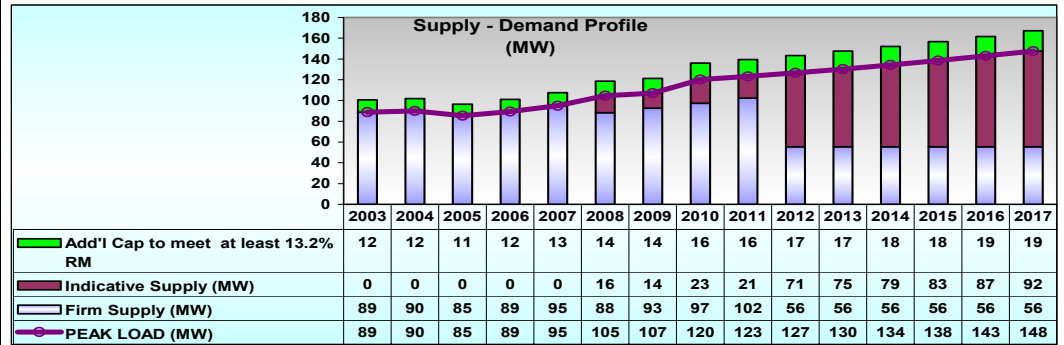
Franchise Coverage:

Municipalities of Baler, San Luis, Dipaculao, Ma. Aurora, Dinalungan, Casiguran, Dilasag, and Dingalan.

REGION 4A  
ELECTRIC COOPERATIVES

## Batangas II Electric Cooperative, Inc. (BATELEC II)

General Information	
Location	Brgy. Baqong Tubig, Calaca, Batangas
Contact Person	Demetrio V. Ellao
Position	General Manager
Tel. No:	(043) 424-0100
Fax No:	(043) 424-0413
E-mail Address	www.batelec1.com
Coverage Area	
No. of barangays	482
Franchise Population	
SUPPLY HIGHLIGHTS	
Current power supply agreement with NPC is until December 26, 2011. Contract Energy levels for 2008 to 2011 shall be submitted by BATELEC II to NPC on annual basis. Power supply with GNP will start in December 2012 after the termination of TSC with NPC. Signed PPSA with GN Power Inc. for 316,411 MWhr minimum under ERC review.	



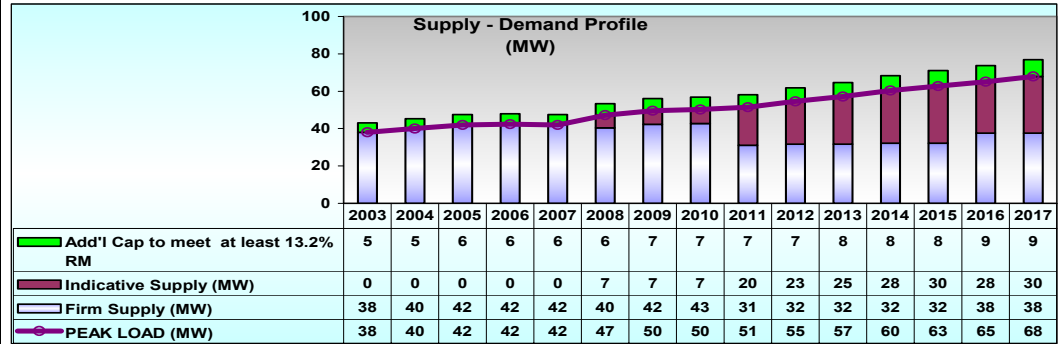
No. of Customers	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	AAGR
Residential	167,334	175,343	183,549	190,972	198,685	206,699	215,026	223,679	232,670	242,013	4%
Commercial	7,179	7,466	7,765	8,075	8,398	8,734	9,084	9,447	9,825	10,218	4%
Industrial	32	33	34	35	36	37	38	39	40	42	3%
Others	24,025	24,062	24,101	24,141	24,182	24,225	24,270	24,317	24,366	24,416	1%
<b>Total</b>	<b>198,570</b>	<b>206,904</b>	<b>215,448</b>	<b>223,223</b>	<b>231,301</b>	<b>239,695</b>	<b>248,418</b>	<b>257,482</b>	<b>266,901</b>	<b>276,689</b>	<b>4%</b>
Energy Sales per Customer Type (MWh)	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	AAGR
Residential	196,494	201,999	207,634	213,499	219,604	227,074	234,880	243,032	251,558	260,476	3%
Commercial	98,616	101,233	103,959	106,798	109,757	112,840	116,055	119,406	122,902	126,548	3%
Industrial	14,791	15,421	16,081	16,773	17,498	18,259	19,057	19,894	20,772	21,694	4%
Others	212,429	221,873	284,836	296,117	308,055	319,302	331,136	343,539	356,538	370,164	7%
<b>Total</b>	<b>522,329</b>	<b>540,526</b>	<b>612,510</b>	<b>633,187</b>	<b>654,914</b>	<b>677,475</b>	<b>701,127</b>	<b>725,871</b>	<b>751,770</b>	<b>778,882</b>	<b>5%</b>
Projected Infrastructure Requirements	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	TOTAL
Distribution/Sub-transmission Facilities	117	48	27								192
<i>Expansion(ckt-km)</i>	68	26	27								121
<i>Rehabilitation(ckt-km)</i>	49	22									71
Substation Capacity (MVA)	20	40	40	10	20	30	10	10	10	10	200
Reactive Power Compensation Plan (MVAr)											
Capital Investment Requirements(in Million PhP)	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	TOTAL
Distribution/Sub-transmission Facilities	171	103	92	71	75	78	82	86	91	95	946
<i>Expansion</i>	99	56	92								247
<i>Rehabilitation</i>	72	48		71	75	78	82	86	91	95	698
Substation Projects	54	93	93	24	48	54	24	24	24	24	462
Electrification Projects	105	47	49	47	49	51	53	55	58	60	575
<b>Total</b>	<b>331</b>	<b>243</b>	<b>234</b>	<b>143</b>	<b>172</b>	<b>184</b>	<b>160</b>	<b>166</b>	<b>172</b>	<b>179</b>	<b>1,983</b>
Level of Electrification	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	
<b>Barangay Level (%)</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	
No of Barangays Electrified (On-Grid)	466	466	466	466	466	466	466	466	466	466	
No. of Barangays Electrified (Off-Grid)	16	16	16	16	16	16	16	16	16	16	
<b>Total</b>	<b>482</b>	<b>482</b>	<b>482</b>	<b>482</b>	<b>482</b>	<b>482</b>	<b>482</b>	<b>482</b>	<b>482</b>	<b>482</b>	
<b>Household Level (%)</b>	<b>79%</b>	<b>79%</b>	<b>79%</b>	<b>80%</b>	<b>80%</b>	<b>80%</b>	<b>80%</b>	<b>81%</b>	<b>81%</b>	<b>81%</b>	
No. of Households Electrified (On-Grid)	167,274	173,965	180,923	188,160	195,686	203,514	211,654	220,121	228,925	238,082	
No. of Households Electrified (Off-Grid)											
<b>Total</b>	<b>167,274</b>	<b>173,965</b>	<b>180,923</b>	<b>188,160</b>	<b>195,686</b>	<b>203,514</b>	<b>211,654</b>	<b>220,121</b>	<b>228,925</b>	<b>238,082</b>	

Franchise Coverage:

Lipa City, Tanauan City, Rosario, Balete, Alitagtag, Cuenca, Mataas na Kahoy, San Jose, Mabini, Tingloy, San Juan, Lobo, Taysan, Padre Garcia, Malvar, Talisay, and Laurel.

## Batangas I Electric Cooperative, Inc. (BATELEC I)

General Information	
Location	Brgy. Baqong Tubig, Calaca, Batangas
Contact Person	Demetrio V. Ellao
Position	General Manager
Tel. No:	(043) 424-0100
Fax No:	(043) 424-0413
E-mail Address	www.batelec1.com
Coverage Area	
No. of barangays	366
Franchise Population	
SUPPLY HIGHLIGHTS	
Transition Supply Contract with NPC is pending.	



No. of Customers	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	AAGR
Residential	109,568	115,026	120,764	126,798	133,135	139,788	146,774	154,110	161,813	169,901	5%
Commercial	3,696	3,703	3,711	3,715	3,718	3,722	3,726	3,729	3,733	3,737	0.1%
Industrial	16	16	16	16	16	16	16	16	16	16	0.1%
Others	10,480	10,536	10,560	10,574	10,608	10,644	10,682	10,722	10,765	10,809	1%
<b>Total</b>	<b>123,760</b>	<b>129,282</b>	<b>135,051</b>	<b>141,103</b>	<b>147,477</b>	<b>154,171</b>	<b>161,199</b>	<b>168,578</b>	<b>176,327</b>	<b>184,463</b>	<b>5%</b>
Energy Sales per Customer Type (MWh)	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	AAGR
Residential	113,436	120,126	126,708	133,653	140,982	148,716	156,877	165,488	174,575	184,163	6%
Commercial	56,017	56,246	56,470	56,639	56,808	56,978	57,149	57,320	57,491	57,663	0%
Industrial	16,615	17,658	18,767	19,945	21,198	22,529	23,944	25,448	27,046	28,744	6%
Others	21,797	23,042	24,443	26,195	28,337	30,970	31,505	32,151	32,760	33,484	7%
<b>Total</b>	<b>207,865</b>	<b>217,072</b>	<b>226,388</b>	<b>236,433</b>	<b>247,326</b>	<b>259,194</b>	<b>269,474</b>	<b>280,406</b>	<b>291,872</b>	<b>304,054</b>	<b>5%</b>
Projected Infrastructure Requirements	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	TOTAL
Distribution/Sub-transmission Facilities	75	32	1	15	3	12	3	1	8	10	161
Expansion(ckt-km)	1	12		14		6		1		7	40
Rehabilitation(ckt-km)	74	20	1	1	3	6	3	1	8	3	121
Substation Capacity (MVA)		10			10		5		5		30
Reactive Power Compensation Plan (MVAr)											
Capital Investment Requirements(in Million PhP)	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	TOTAL
Distribution/Sub-transmission Facilities	126	154	95	140	95	116	96	96	99	95	1,111
Expansion	1	59		127		60		36		70	353
Rehabilitation	125	95	95	13	95	56	96	59	99	25	758
Substation Projects	5	24		24			18		18		89
Electrification Projects	54	58	60	65	68	66	68	70	72	74	655
<b>Total</b>	<b>185</b>	<b>236</b>	<b>155</b>	<b>205</b>	<b>187</b>	<b>182</b>	<b>182</b>	<b>166</b>	<b>189</b>	<b>169</b>	<b>1,855</b>
Level of Electrification	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	
<b>Barangay Level (%)</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	
No. of Barangays Electrified (On-Grid)	366	366	366	366	366	366	366	366	366	366	
No. of Barangays Electrified (Off-Grid)											
<b>Total</b>	<b>366</b>	<b>366</b>	<b>366</b>	<b>366</b>	<b>366</b>	<b>366</b>	<b>366</b>	<b>366</b>	<b>366</b>	<b>366</b>	
<b>Household Level (%)</b>	<b>83%</b>	<b>83%</b>	<b>84%</b>	<b>84%</b>	<b>84%</b>	<b>85%</b>	<b>85%</b>	<b>86%</b>	<b>86%</b>	<b>86%</b>	
No. of Households Electrified (On-Grid)	109,539	115,016	120,767	126,805	133,146	139,803	146,793	154,133	161,839	169,931	
No. of Households Electrified (Off-Grid)											
<b>Total</b>	<b>109,539</b>	<b>115,016</b>	<b>120,767</b>	<b>126,805</b>	<b>133,146</b>	<b>139,803</b>	<b>146,793</b>	<b>154,133</b>	<b>161,839</b>	<b>169,931</b>	

Franchise Coverage:

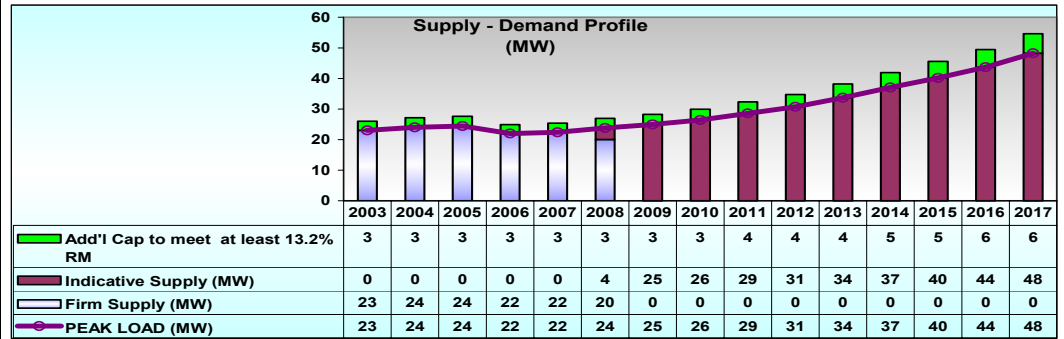
Covers twelve (12) municipalities in western Batangas, namely; Agoncillo, Balayan, Calaca, Calatagan, Lemery, Lian, Nasugbu, San Luis, San Nicolas, Sta. Teresita, Taal, and Tuy.

## Quezon I Electric Cooperative, Inc. (QUEZELCO I)

General Information	
Location	Brav. Pocol, Pitogo
Contact Person	Engr. Carlito M. Rufo Jr.
Position	General Manager
Tel. No:	(042) 318-8156
Fax No:	(042) 318-8156
E-mail Address	
Coverage Area	4,391.76 sq.km.
No. of barangays	805
Franchise Population	

### SUPPLY HIGHLIGHTS

Since August 2007, QUEZELCO I has purchased energy from NPC and CANORECO amounting to 71 MWhr and 45 KWhr, respectively. Of the purchased energy, it has sold 57 MWhr while 203 KWhr was used by QUEZELCO I.



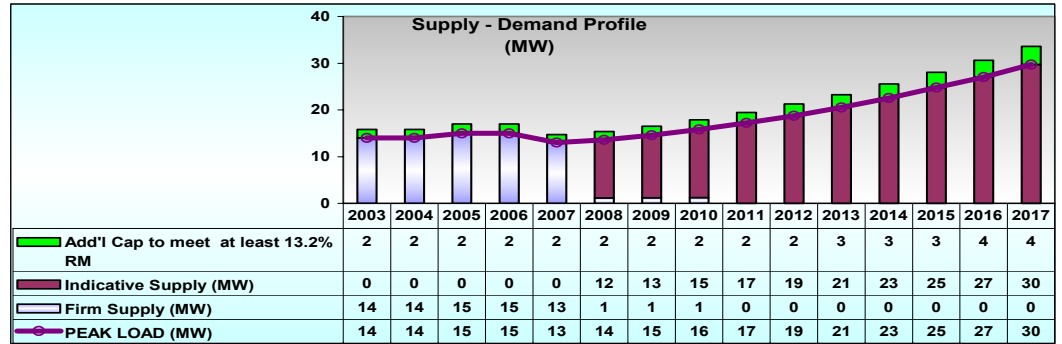
No. of Customers	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	AAGR
Residential	105,242	111,300	117,629	124,090	130,904	138,061	145,611	153,577	161,980	170,846	6%
Commercial	3,340	3,439	3,541	3,646	3,754	3,866	3,981	4,099	4,220	4,346	3%
Industrial	1	1	1	1	1	1	1	1	1	1	0%
Others	3,213	3,198	3,200	3,203	3,206	3,209	3,212	3,215	3,219	3,223	0.3%
<b>Total</b>	<b>111,797</b>	<b>117,938</b>	<b>124,372</b>	<b>130,941</b>	<b>137,866</b>	<b>145,137</b>	<b>152,805</b>	<b>160,892</b>	<b>169,420</b>	<b>178,415</b>	<b>5%</b>
Energy Sales per Customer Type (MWh)	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	AAGR
Residential	74,909	82,978	92,909	103,986	116,371	130,221	145,714	163,045	182,433	204,121	12%
Commercial	19,483	20,525	21,648	22,857	24,139	25,505	26,961	28,499	30,123	31,840	6%
Industrial											
Others	7,539	7,870	8,296	8,745	9,288	9,866	10,483	11,140	11,842	12,591	6%
<b>Total</b>	<b>101,931</b>	<b>111,374</b>	<b>122,853</b>	<b>135,587</b>	<b>149,798</b>	<b>165,593</b>	<b>183,158</b>	<b>202,684</b>	<b>224,398</b>	<b>248,552</b>	<b>10%</b>
Projected Infrastructure Requirements	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	TOTAL
Distribution/Sub-transmission Facilities	44	6		15		19		5		3	92
Expansion(ckt-km)	24	6		15		19		5		3	72
Rehabilitation(ckt-km)	20										20
Substation Capacity (MVA)	5			5		5		5		5	25
Reactive Power Compensation Plan (MVAr)											
Capital Investment Requirements(in Million Php)	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	TOTAL
Distribution/Sub-transmission Facilities	71	46	39	66	37	90	44	53	42	54	541
Expansion	39	46		66		90		53		54	348
Rehabilitation	32		39		37		44		42		193
Substation Projects	34			19		19		18		18	108
Electrification Projects	25	14	24	11	12	8	8	16	9	9	136
<b>Total</b>	<b>130</b>	<b>60</b>	<b>63</b>	<b>95</b>	<b>49</b>	<b>117</b>	<b>52</b>	<b>87</b>	<b>51</b>	<b>81</b>	<b>785</b>
Level of Electrification	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	
<b>Barangay Level (%)</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	
No of Barangays Electrified (On-Grid)	804	804	804	804	804	804	804	804	804	804	
No. of Barangays Electrified (Off-Grid)	1	1	1	1	1	1	1	1	1	1	
<b>Total</b>	<b>805</b>	<b>805</b>	<b>805</b>	<b>805</b>	<b>805</b>	<b>805</b>	<b>805</b>	<b>805</b>	<b>805</b>	<b>805</b>	
<b>Household Level (%)</b>	<b>54%</b>	<b>54%</b>	<b>54%</b>	<b>55%</b>	<b>55%</b>	<b>55%</b>	<b>56%</b>	<b>56%</b>	<b>56%</b>	<b>57%</b>	
No. of Households Electrified (On-Grid)	105,034	110,811	116,906	123,336	130,119	137,276	144,826	152,791	161,195	170,060	
No. of Households Electrified (Off-Grid)											
<b>Total</b>	<b>105,034</b>	<b>110,811</b>	<b>116,906</b>	<b>123,336</b>	<b>130,119</b>	<b>137,276</b>	<b>144,826</b>	<b>152,791</b>	<b>161,195</b>	<b>170,060</b>	

### Franchise Coverage:

Municipalities of Pitogo, Macalelon, Gen. Luna, Catanauan, Mulanay, San Narciso, San Francisco, Buenavista, San Andres, Unisan, Agdangan, Padre Burgos, Atimonan, Gumaca, Lopez, Plaridel, Alabat, Quezon, Perez, Calauag, Guinayangan, Tagkawayan, and Del Gallego.

## First Laguna Electric Cooperative, Inc. (FLECO)

General Information	
Location	Brgy. Lewin, Lumban, Laguna
Contact Person	Evelyn C. Icarangal
Position	OIC, General Manager
Tel. No:	(049) 8084478
Fax No:	(049) 8085008
E-mail Address	FLECO-1973@yahoo.com
Coverage Area	562.44 sq.km.
No. of barangays	164
Franchise Population	
SUPPLY HIGHLIGHTS	
Transition Supply Contract with NPC is up to 2010.	



No. of Customers	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	AAGR
Residential	40,618	42,649	44,816	47,123	49,548	52,015	54,607	57,329	60,187	63,187	5%
Commercial	1,986	2,184	2,405	2,655	2,923	3,182	3,467	3,776	4,114	4,483	10%
Industrial	71	73	74	76	77	79	80	82	84	85	2%
Others	545	565	595	632	677	720	777	848	628	639	4%
<b>Total</b>	<b>43,220</b>	<b>45,470</b>	<b>47,890</b>	<b>50,486</b>	<b>53,225</b>	<b>55,996</b>	<b>58,931</b>	<b>62,036</b>	<b>65,013</b>	<b>68,393</b>	<b>5%</b>
Energy Sales per Customer Type (MWh)	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	AAGR
Residential	45,994	51,081	56,755	63,088	70,158	78,045	86,852	96,689	107,678	119,956	11%
Commercial	8,594	9,496	10,517	11,675	12,988	14,395	15,981	17,772	19,795	22,083	11%
Industrial	4,576	4,715	4,858	5,006	5,160	5,318	5,482	5,651	5,826	6,008	3%
Others	3,088	3,313	3,568	3,863	4,204	4,520	4,896	5,345	4,714	4,939	6%
<b>Total</b>	<b>62,252</b>	<b>68,605</b>	<b>75,698</b>	<b>83,633</b>	<b>92,510</b>	<b>102,278</b>	<b>113,211</b>	<b>125,457</b>	<b>138,014</b>	<b>152,986</b>	<b>11%</b>
Projected Infrastructure Requirements	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	TOTAL
Distribution/Sub-transmission Facilities			6	6	6						17
<i>Expansion(ckt-km)</i>			6	6	6						17
<i>Rehabilitation(ckt-km)</i>											
Substation Capacity (MVA)		10									10
Reactive Power Compensation Plan (MVAr)											
Capital Investment Requirements(in Million PhP)	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	TOTAL
Distribution/Sub-transmission Facilities	25	26	44	42	55	28	28	27	27	27	330
<i>Expansion</i>			44	42	55						141
<i>Rehabilitation</i>	25	26				28	28	27	27	27	189
Substation Projects		24									24
Electrification Projects	6	6	6	9	24	8	8	8	9	8	91
<b>Total</b>	<b>32</b>	<b>56</b>	<b>49</b>	<b>51</b>	<b>79</b>	<b>36</b>	<b>37</b>	<b>35</b>	<b>36</b>	<b>35</b>	<b>445</b>
Level of Electrification	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	
<b>Barangay Level (%)</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	
No of Barangays Electrified (On-Grid)	164	164	164	164	164	164	164	164	164	164	
No. of Barangays Electrified (Off-Grid)											
<b>Total</b>	<b>164</b>	<b>164</b>	<b>164</b>	<b>164</b>	<b>164</b>	<b>164</b>	<b>164</b>	<b>164</b>	<b>164</b>	<b>164</b>	
<b>Household Level (%)</b>	<b>60%</b>	<b>61%</b>	<b>61%</b>	<b>61%</b>	<b>61%</b>	<b>61%</b>	<b>61%</b>	<b>62%</b>	<b>62%</b>	<b>62%</b>	
No. of Households Electrified (On-Grid)	40,618	42,649	44,782	47,021	49,372	51,840	54,432	57,154	60,012	63,012	
No. of Households Electrified (Off-Grid)											
<b>Total</b>	<b>40,618</b>	<b>42,649</b>	<b>44,782</b>	<b>47,021</b>	<b>49,372</b>	<b>51,840</b>	<b>54,432</b>	<b>57,154</b>	<b>60,012</b>	<b>63,012</b>	

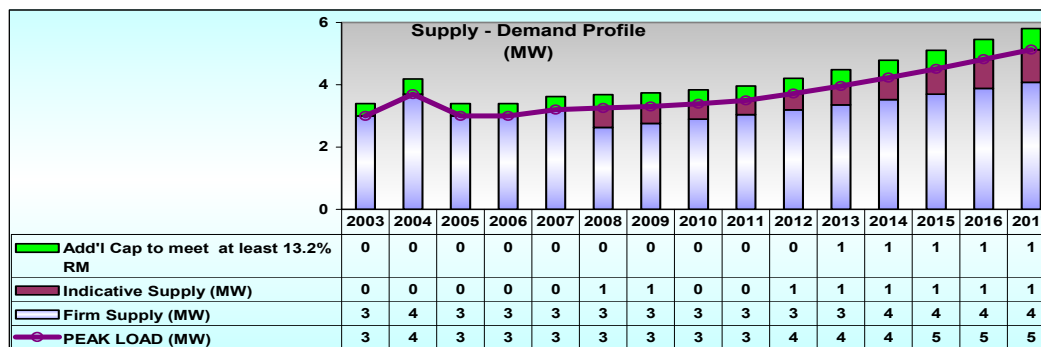
Franchise Coverage:

11 Municipalities (Sta. Maria, Famy, Mabitac, Siniloan, Pangil, Pakil, Paete, Kalayaan, Lumban, Pagsanjan, and Cavinti).



## Quezon II Electric Cooperative, Inc. (QUEZELCO II)

General Information	
Location	Brgy. Gumian Infanta, Quezon
Contact Person	Victor R. Cada
Position	General Manager
Tel. No:	(042) 535-3406
Fax No:	(042) 535-3151
E-mail Address	
Coverage Area	
No. of barangays	129
Franchise Population	



**SUPPLY HIGHLIGHTS**

Highlight of technical activity will be the proposed installation of a 5 MVA substation at Brgy. Capalong, Real, Quezon. It aims to enhance the voltage reliability of its power service in the municipality of Real, Quezon and to accommodate energization of its Brgys Malapad, Lubayat, Pandan and Bagong Silang. It will also help reduce systems loss.

No. of Customers	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	AAGR
Residential	17,975	19,035	20,203	21,393	22,615	23,713	24,886	26,076	27,325	28,638	5%
Commercial	1,111	1,122	1,142	1,167	1,197	1,209	1,221	1,233	1,245	1,257	1%
Industrial	42	43	44	44	45	46	47	48	49	50	2%
Others	486	486	487	495	488	487	487	487	487	486	0.3%
<b>Total</b>	<b>19,613</b>	<b>20,686</b>	<b>21,875</b>	<b>23,099</b>	<b>24,345</b>	<b>25,455</b>	<b>26,641</b>	<b>27,843</b>	<b>29,106</b>	<b>30,431</b>	<b>5%</b>
Energy Sales per Customer Type (MWh)	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	AAGR
Residential	12,559	13,204	14,051	14,998	16,046	17,196	18,430	19,748	21,159	22,893	7%
Commercial	2,057	2,136	2,229	2,341	2,472	2,622	2,794	2,991	3,217	3,249	5%
Industrial	1,765	1,812	1,870	1,942	2,019	2,111	2,218	2,331	2,461	2,511	4%
Others	1,223	1,245	1,269	1,303	1,342	1,384	1,432	1,483	1,541	1,544	3%
<b>Total</b>	<b>17,605</b>	<b>18,397</b>	<b>19,420</b>	<b>20,584</b>	<b>21,880</b>	<b>23,314</b>	<b>24,875</b>	<b>26,552</b>	<b>28,378</b>	<b>30,197</b>	<b>6%</b>
Projected Infrastructure Requirements	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	TOTAL
Distribution/Sub-transmission Facilities	1		1	10	3						15
<i>Expansion(ckt-km)</i>			1	6	3						10
<i>Rehabilitation(ckt-km)</i>	1			4							5
Substation Capacity (MVA)											
Reactive Power Compensation Plan (MVAr)											
Capital Investment Requirements(in Million PhP)	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	TOTAL
Distribution/Sub-transmission Facilities	8	5	8	15	13	6	6	6	6	6	79
<i>Expansion</i>			6	9	13						28
<i>Rehabilitation</i>	8	5	2	6		6	6	6	6	6	51
Substation Projects											
Electrification Projects	4	6	5	6	11	5	6	6	6	9	62
<b>Total</b>	<b>11</b>	<b>11</b>	<b>13</b>	<b>21</b>	<b>24</b>	<b>11</b>	<b>11</b>	<b>12</b>	<b>12</b>	<b>15</b>	<b>141</b>
Level of Electrification	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	
<b>Barangay Level (%)</b>	<b>98%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	
No. of Barangays Electrified (On-Grid)	86	86	86	86	86	86	86	86	86	86	
No. of Barangays Electrified (Off-Grid)	40	43	43	43	43	43	43	43	43	43	
<b>Total</b>	<b>126</b>	<b>129</b>	<b>129</b>	<b>129</b>	<b>129</b>	<b>129</b>	<b>129</b>	<b>129</b>	<b>129</b>	<b>129</b>	
<b>Household Level (%)</b>	<b>41%</b>	<b>41%</b>	<b>42%</b>	<b>42%</b>	<b>42%</b>	<b>42%</b>	<b>43%</b>	<b>43%</b>	<b>43%</b>	<b>44%</b>	
No. of Households Electrified (On-Grid)	17,975	18,874	19,817	20,808	21,849	22,941	24,088	25,293	26,557	27,885	
No. of Households Electrified (Off-Grid)											
<b>Total</b>	<b>17,975</b>	<b>18,874</b>	<b>19,817</b>	<b>20,808</b>	<b>21,849</b>	<b>22,941</b>	<b>24,088</b>	<b>25,293</b>	<b>26,557</b>	<b>27,885</b>	

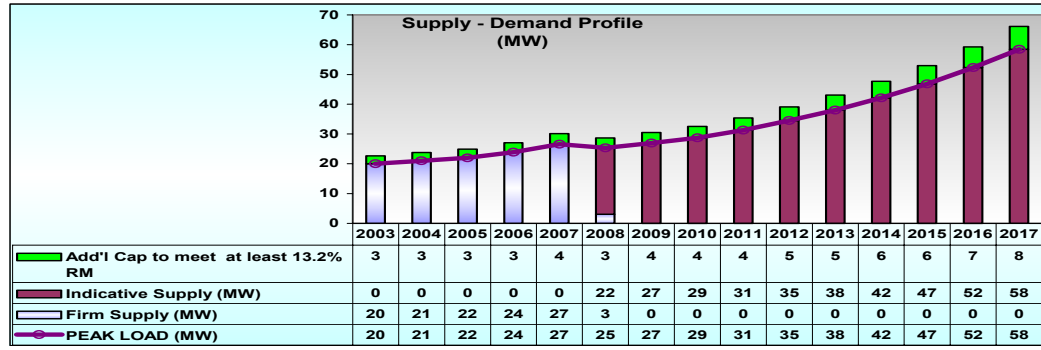
Franchise Coverage:

Municipalities : Infanta, Real, Gen. Nakar (connected on grid), Polilio, Burdeos, Panukulan, Patnanungan, and Jomalig (off-grid and served by NPC-SPUG).

**REGION 4B  
ELECTRIC COOPERATIVES**

## Palawan Electric Cooperative, Inc. (PALECO)

General Information	
Location	National Highway, Baranagy Tiniguiban
Contact Person	Ponciano D. Payuyo, CPA
Position	General Manager
Tel. No:	(048)433-2001
Fax No:	(048)433-9144
E-mail Address	paleco74@yahoo.com
Coverage Area	
No. of barangays	370
Franchise Population	
SUPPLY HIGHLIGHTS	
NPC-SPUG supplies the power in PALECO. NPC-SPUG have 69 kV transmission lines with three substations ( 1-40 MVA and 2-5 MVA) that interconnect Puerto Princesa City and southern municipalities of Palawan.	



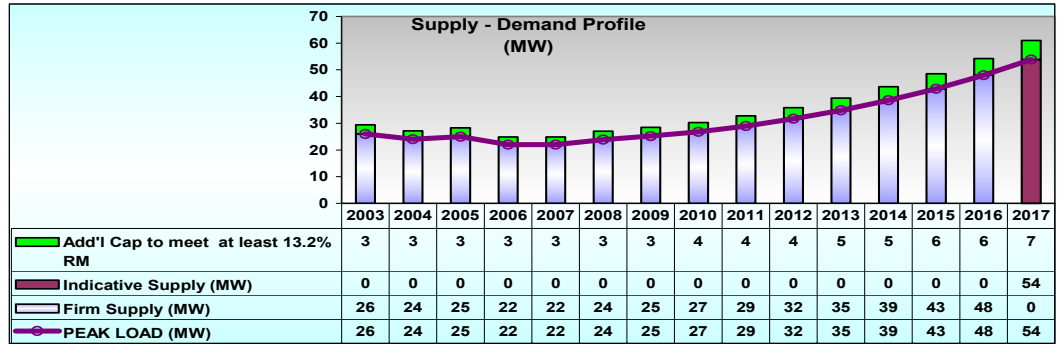
No. of Customers	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	AAGR
Residential	59,388	63,843	68,631	73,778	79,311	85,656	92,509	99,909	107,902	116,534	8%
Commercial	5,280	5,601	5,938	6,296	6,674	7,142	7,643	8,178	8,751	9,363	7%
Industrial	106	108	110	114	117	121	125	130	136	141	3%
Others	10,661	10,931	11,209	11,505	11,811	12,226	12,657	13,105	13,677	14,275	3%
<b>Total</b>	<b>75,435</b>	<b>80,483</b>	<b>85,888</b>	<b>91,693</b>	<b>97,913</b>	<b>105,145</b>	<b>112,934</b>	<b>121,322</b>	<b>130,466</b>	<b>140,313</b>	<b>7%</b>
Energy Sales per Customer Type (MWh)	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	AAGR
Residential	52,421	56,916	61,796	67,095	73,209	80,252	87,972	96,910	101,757	117,603	9%
Commercial	33,980	37,648	41,744	46,537	52,161	59,023	67,464	77,161	89,130	103,010	13%
Industrial	10,736	11,478	12,392	13,501	14,716	16,195	17,993	19,997	22,442	25,195	10%
Others	16,855	17,701	18,633	19,768	22,610	24,139	25,836	27,796	30,005	32,263	7%
<b>Total</b>	<b>113,992</b>	<b>123,743</b>	<b>134,565</b>	<b>146,901</b>	<b>162,696</b>	<b>179,609</b>	<b>199,265</b>	<b>221,864</b>	<b>243,334</b>	<b>278,071</b>	<b>10%</b>
Projected Infrastructure Requirements	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	TOTAL
Distribution/Sub-transmission Facilities											
<i>Expansion(ckt-km)</i>											
<i>Rehabilitation(ckt-km)</i>											
Substation Capacity (MVA)											
Reactive Power Compensation Plan (MVar)											
Capital Investment Requirements(in Million Php)	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	TOTAL
Distribution/Sub-transmission Facilities	24	14	34	13	35	13	34	13	35	14	230
<i>Expansion</i>											
<i>Rehabilitation</i>	24	14	34	13	35	13	34	13	35	14	230
Substation Projects											
Electrification Projects	22	21	21	21	23	24	25	27	30	32	246
<b>Total</b>	<b>46</b>	<b>35</b>	<b>56</b>	<b>34</b>	<b>58</b>	<b>37</b>	<b>60</b>	<b>40</b>	<b>64</b>	<b>46</b>	<b>477</b>
Level of Electrification	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	
<b>Barangay Level (%)</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	
No of Barangays Electrified (On-Grid)	197	197	197	197	197	197	197	197	197	197	
No. of Barangays Electrified (Off-Grid)	43	43	43	43	43	43	43	43	43	43	
<b>Total</b>	<b>240</b>	<b>240</b>	<b>240</b>	<b>240</b>	<b>240</b>	<b>240</b>	<b>240</b>	<b>240</b>	<b>240</b>	<b>240</b>	
<b>Household Level (%)</b>	<b>52%</b>	<b>53%</b>	<b>55%</b>	<b>56%</b>	<b>58%</b>	<b>59%</b>	<b>61%</b>	<b>63%</b>	<b>65%</b>	<b>67%</b>	
No. of Households Electrified (On-Grid)	59,388	63,843	68,631	73,778	79,311	85,656	92,509	99,909	107,902	116,534	
No. of Households Electrified (Off-Grid)											
<b>Total</b>	<b>59,388</b>	<b>63,843</b>	<b>68,631</b>	<b>73,778</b>	<b>79,311</b>	<b>85,656</b>	<b>92,509</b>	<b>99,909</b>	<b>107,902</b>	<b>116,534</b>	

Franchise Coverage:

City of Puerto Princesa, Municipalities of Aborlan, Narra, Quezon, Espanola, Brooks Point, Batazara, Rizal, Roxas, Taytay, El Nido, Islands; Balabac, Cagayancillo, Araceli, Dumaran, Agutaya, Cuyo, and Magsaysay.

## Oriental Mindoro Electric Cooperative, Inc. (ORMECO)

General Information	
Location	Brgy. Sta. Isabel, Calapan City, Oriental Mindoro
Contact Person	Romeo N. Cuasay
Position	General Manager
Tel. No:	(043) 286-9375 , 286-9424, 288-2349
Fax No:	(043) 286-9424
E-mail Address	ormeco_coop@yahoo.com
Coverage Area	4,364.72 sq.km.
No. of barangays	426
Franchise Population	
SUPPLY HIGHLIGHTS	
The increase of supply in 2009 is due to implementation of Power Supply Contracts with IPP's: Breeze Electric (Wind power)=14 MW and Power One Corp/IPP=28 MW. When these are implemented, NPC power supply of 18 MW will eventually be phased-out.	



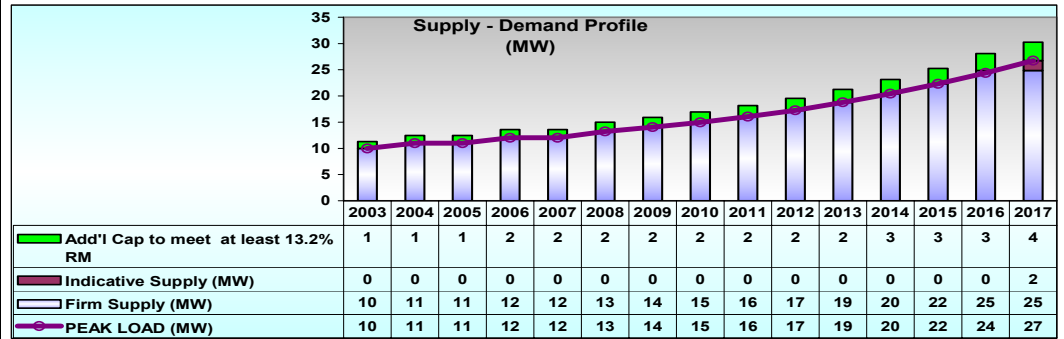
No. of Customers	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	AAGR
Residential	79,878	84,922	90,524	96,600	102,907	109,785	117,277	125,460	134,460	144,369	7%
Commercial	8,284	8,772	9,327	9,934	10,599	11,328	12,136	13,019	13,986	15,042	7%
Industrial	74	79	85	91	100	109	120	133	149	168	9%
Others	2,604	2,776	2,956	3,152	3,346	3,570	3,809	4,072	4,371	4,701	7%
<b>Total</b>	<b>90,841</b>	<b>96,549</b>	<b>102,891</b>	<b>109,777</b>	<b>116,951</b>	<b>124,791</b>	<b>133,342</b>	<b>142,684</b>	<b>152,966</b>	<b>164,280</b>	<b>7%</b>
Energy Sales per Customer Type (MWh)	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	AAGR
Residential	67,261	71,744	77,072	83,295	90,511	98,744	108,143	118,771	130,934	145,022	9%
Commercial	31,637	33,803	36,481	39,756	43,705	48,372	53,921	60,482	68,263	77,133	10%
Industrial	8,411	9,083	9,973	11,090	12,508	14,243	16,373	19,083	22,551	26,889	13%
Others	10,918	11,700	12,635	13,774	15,129	16,729	18,594	20,826	23,407	26,362	10%
<b>Total</b>	<b>118,227</b>	<b>126,328</b>	<b>136,161</b>	<b>147,915</b>	<b>161,852</b>	<b>178,087</b>	<b>197,031</b>	<b>219,163</b>	<b>245,155</b>	<b>275,406</b>	<b>9%</b>
Projected Infrastructure Requirements	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	TOTAL
Distribution/Sub-transmission Facilities	20	8	13	10							51
Expansion(ckt-km)	16	8	13	10							47
Rehabilitation(ckt-km)	4										4
Substation Capacity (MVA)											
Reactive Power Compensation Plan (MVAr)											
Capital Investment Requirements(in Million PhP)	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	TOTAL
Distribution/Sub-transmission Facilities	48	42	44	41	35	0.03					211
Expansion	38	42	44	41							166
Rehabilitation	10				35	0.03					45
Substation Projects	10		10								20
Electrification Projects	29	34	21	23	24	26	28	31	34	38	288
<b>Total</b>	<b>87</b>	<b>77</b>	<b>75</b>	<b>64</b>	<b>59</b>	<b>26</b>	<b>28</b>	<b>31</b>	<b>34</b>	<b>38</b>	<b>519</b>
Level of Electrification	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	
<b>Barangay Level (%)</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	
No of Barangays Electrified (On-Grid)	401	401	401	401	401	401	401	401	401	401	
No. of Barangays Electrified (Off-Grid)	24	24	24	24	24	24	24	24	24	24	
<b>Total</b>	<b>425</b>	<b>425</b>	<b>425</b>	<b>425</b>	<b>425</b>	<b>425</b>	<b>425</b>	<b>425</b>	<b>425</b>	<b>425</b>	
<b>Household Level (%)</b>	<b>47%</b>	<b>48%</b>	<b>49%</b>	<b>50%</b>	<b>51%</b>	<b>53%</b>	<b>54%</b>	<b>56%</b>	<b>58%</b>	<b>60%</b>	
No. of Households Electrified (On-Grid)	79,283	83,906	88,990	94,579	100,727	107,495	114,934	123,117	132,117	142,026	
No. of Households Electrified (Off-Grid)											
<b>Total</b>	<b>79,283</b>	<b>83,906</b>	<b>88,990</b>	<b>94,579</b>	<b>100,727</b>	<b>107,495</b>	<b>114,934</b>	<b>123,117</b>	<b>132,117</b>	<b>142,026</b>	

Franchise Coverage:

ORMECO is the only power provider in the Province of Oriental Mindoro covering one (1) city that is Calapan and fourteen (14) municipalities namely: Puerto Galera, San Teodoro, Baco, Naujan, Victoria, Socorro, Pola, Pinamalayan, Gloria, Bansud, Bongabong, Roxas, Mansalay, and Bulalacao.

## Occidental Mindoro Electric Cooperative, Inc. (OMECCO)

General Information	
Location	M.H.del Pilar St. San Jose, Occidental Mindoro
Contact Person	Engr Alex C. Labrador
Position	General Manager
Tel. No:	(043) 491-1364
Fax No:	(043) 491-1364
E-mail Address	
Coverage Area	5,676.40 sq.km.
No. of barangays	137
Franchise Population	



### SUPPLY HIGHLIGHTS

Supply service is provided by the National Power Corporation (NPC-SPUG). The franchise is fed through two (2) substations drawing power from the NPC 69 KV Mindoro Grid. NPC's Diesel Power Plant, delivers 0.6 MW to the municipalities of Calintaan, Rizal, San Jose and Magsaysay, co-generating with NPC's Power Barge 106 that has a dependable capacity of 7.4 MW.

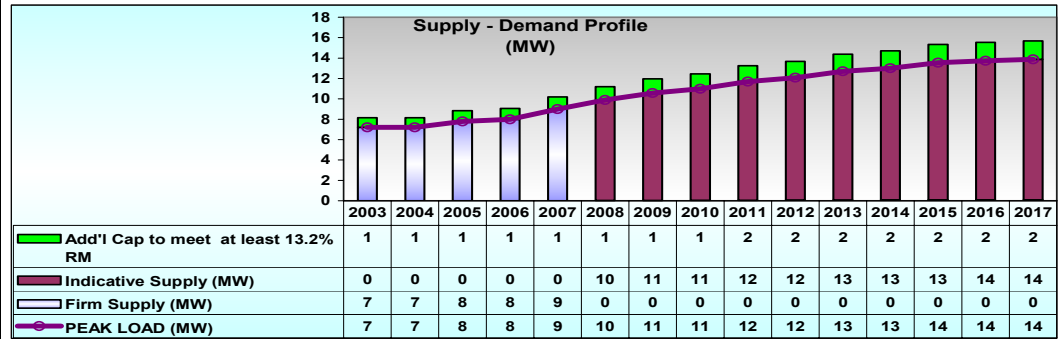
No. of Customers	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	AAGR
Residential	43,756	46,950	50,704	54,714	59,053	63,599	68,555	73,961	79,831	86,245	8%
Commercial	2,843	2,957	3,099	3,227	3,367	3,503	3,646	3,793	3,944	4,101	4%
Industrial	45	46	47	48	49	50	51	52	53	54	2%
Others	1,530	1,533	1,535	1,538	1,541	1,544	1,547	1,551	1,554	1,558	1%
<b>Total</b>	<b>48,174</b>	<b>51,485</b>	<b>55,386</b>	<b>59,527</b>	<b>64,009</b>	<b>68,696</b>	<b>73,798</b>	<b>79,356</b>	<b>85,382</b>	<b>91,957</b>	<b>7%</b>
Energy Sales per Customer Type (MWh)	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	AAGR
Residential	25,351	27,783	30,506	33,795	37,510	41,706	46,459	51,852	57,980	64,950	11%
Commercial	8,541	9,223	10,001	10,888	11,900	13,005	14,212	15,532	16,973	18,547	9%
Industrial	2,722	2,974	3,276	3,609	3,976	4,381	4,826	5,317	5,858	6,454	10%
Others	12,270	12,539	10,059	13,101	13,390	13,687	13,876	14,067	14,262	14,460	5%
<b>Total</b>	<b>48,884</b>	<b>52,518</b>	<b>53,842</b>	<b>61,393</b>	<b>66,776</b>	<b>72,779</b>	<b>79,374</b>	<b>86,768</b>	<b>95,072</b>	<b>104,411</b>	<b>9%</b>
Projected Infrastructure Requirements	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	TOTAL
Distribution/Sub-transmission Facilities			12	8	8	5	8				41
Expansion(ckt-km)			12	8	8	5	8				41
Rehabilitation(ckt-km)											
Substation Capacity (MVA)											
Reactive Power Compensation Plan (MVar)											
Capital Investment Requirements(in Million PhP)	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	TOTAL
Distribution/Sub-transmission Facilities	103	43	55	39	41	19	5				305
Expansion			55	39	41	19	5				159
Rehabilitation	103	43									146
Substation Projects											
Electrification Projects	12	17	7	10	7	10	8	12	9	13	105
<b>Total</b>	<b>115</b>	<b>60</b>	<b>63</b>	<b>48</b>	<b>48</b>	<b>29</b>	<b>13</b>	<b>12</b>	<b>9</b>	<b>13</b>	<b>410</b>
Level of Electrification	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	
<b>Barangay Level (%)</b>	<b>99%</b>	<b>99%</b>	<b>99%</b>	<b>99%</b>	<b>99%</b>	<b>99%</b>	<b>99%</b>	<b>99%</b>	<b>99%</b>	<b>99%</b>	
No of Barangays Electrified (On-Grid)	123	123	123	123	123	123	123	123	123	123	
No. of Barangays Electrified (Off-Grid)	13	13	13	13	13	13	13	13	13	13	
<b>Total</b>	<b>136</b>	<b>136</b>	<b>136</b>	<b>136</b>	<b>136</b>	<b>136</b>	<b>136</b>	<b>136</b>	<b>136</b>	<b>136</b>	
<b>Household Level (%)</b>	<b>50%</b>	<b>51%</b>	<b>53%</b>	<b>55%</b>	<b>56%</b>	<b>58%</b>	<b>60%</b>	<b>63%</b>	<b>65%</b>	<b>67%</b>	
No. of Households Electrified (On-Grid)	43,756	46,950	50,424	54,206	58,326	62,817	67,717	73,067	78,912	85,304	
No. of Households Electrified (Off-Grid)											
<b>Total</b>	<b>43,756</b>	<b>46,950</b>	<b>50,424</b>	<b>54,206</b>	<b>58,326</b>	<b>62,817</b>	<b>67,717</b>	<b>73,067</b>	<b>78,912</b>	<b>85,304</b>	

Franchise Coverage:

9 Municipalities (San Jose, Magsaysay, Rizal, Calintaan, Sablayan, Sta. Cruz, Mamburao, Abra de Ilog, and Paluan)

## Marinduque Electric Cooperative, Inc. (MARELCO)

General Information	
Location	Ihatub, Boac, Marinduque
Contact Person	Eduardo O. Bueno
Position	General Manager
Tel. No:	(042) 332-1837
Fax No:	(042) 332-1837
E-mail Address	
Coverage Area	957.67 sq.km.
No. of barangays	218
Franchise Population	



**SUPPLY HIGHLIGHTS**

MARELCO 'S source of power is from National Power Corporation (NPC).

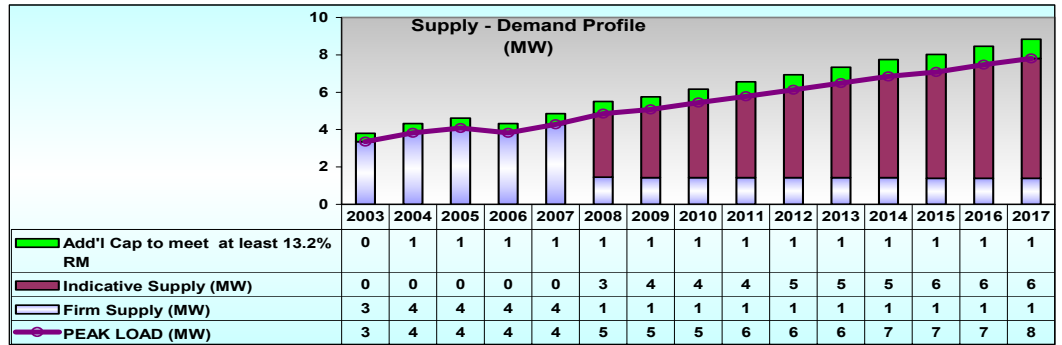
No. of Customers	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	AAGR
Residential	34,381	36,054	37,699	39,373	40,931	42,190	43,441	44,689	45,932	47,122	4%
Commercial	2,234	2,288	2,348	2,401	2,459	2,510	2,561	2,611	2,662	2,708	2%
Industrial	161	168	173	179	184	184	191	197	203	209	3%
Others	1,072	1,072	1,070	1,073	1,071	1,072	1,071	1,070	1,068	1,067	0.5%
<b>Total</b>	<b>37,848</b>	<b>39,582</b>	<b>41,291</b>	<b>43,026</b>	<b>44,646</b>	<b>45,956</b>	<b>47,263</b>	<b>48,567</b>	<b>49,865</b>	<b>51,107</b>	<b>4%</b>
Energy Sales per Customer Type (MWh)	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	AAGR
Residential	17,139	18,654	20,198	21,826	23,490	25,177	26,917	28,704	30,534	32,373	8%
Commercial	3,605	3,843	4,099	4,360	4,629	4,902	5,181	5,461	5,745	6,023	6%
Industrial	986	1,043	1,099	1,162	1,222	1,263	1,321	1,390	1,458	1,523	5%
Others	3,995	4,134	4,447	4,725	4,983	5,204	5,446	5,692	5,951	6,202	6%
<b>Total</b>	<b>25,726</b>	<b>27,674</b>	<b>29,843</b>	<b>32,073</b>	<b>34,324</b>	<b>36,535</b>	<b>38,864</b>	<b>41,247</b>	<b>43,688</b>	<b>46,121</b>	<b>7%</b>
Projected Infrastructure Requirements	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	TOTAL
Distribution/Sub-transmission Facilities	8	4	4	3	3						22
Expansion(ckt-km)	6	2	2	2	3						16
Rehabilitation(ckt-km)	2	2	2	1							6
Substation Capacity (MVA)											
Reactive Power Compensation Plan (MVAr)											
Capital Investment Requirements(in Million PhP)	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	TOTAL
Distribution/Sub-transmission Facilities	9	4	4	5	3	4	4	4	4	4	46
Expansion	7	2	2	4	3						19
Rehabilitation	2	2	2	1		4	4	4	4	4	27
Substation Projects											
Electrification Projects	6	6	6	10	9	7	8	7	8	8	76
<b>Total</b>	<b>16</b>	<b>10</b>	<b>10</b>	<b>15</b>	<b>13</b>	<b>11</b>	<b>12</b>	<b>11</b>	<b>12</b>	<b>12</b>	<b>122</b>
Level of Electrification	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	
<b>Barangay Level (%)</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	
No of Barangays Electrified (On-Grid)	215	215	215	215	215	215	215	215	215	215	
No. of Barangays Electrified (Off-Grid)	3	3	3	3	3	3	3	3	3	3	
<b>Total</b>	<b>218</b>	<b>218</b>	<b>218</b>	<b>218</b>	<b>218</b>	<b>218</b>	<b>218</b>	<b>218</b>	<b>218</b>	<b>218</b>	
<b>Household Level (%)</b>	<b>66%</b>	<b>67%</b>	<b>68%</b>	<b>68%</b>	<b>69%</b>	<b>69%</b>	<b>70%</b>	<b>70%</b>	<b>70%</b>	<b>70%</b>	
No. of Households Electrified (On-Grid)	33,737	35,086	36,420	37,767	39,089	40,340	41,590	42,838	44,080	45,270	
No. of Households Electrified (Off-Grid)											
<b>Total</b>	<b>33,737</b>	<b>35,086</b>	<b>36,420</b>	<b>37,767</b>	<b>39,089</b>	<b>40,340</b>	<b>41,590</b>	<b>42,838</b>	<b>44,080</b>	<b>45,270</b>	

Franchise Coverage:

6 Municipalities (Boac, Mogpog, Gasan, Buenavista, Sta. Cruz and Torrijos). Apart from the mainland are three (3) island barangays in Sta. Cruz District, namely; Polo, Maniwaya and Mompong.

## Tablas Island Electric Cooperative, Inc. (TIELCO)

General Information	
Location	Torrel - Dapawan, Odiongan, Romblon
Contact Person	Pedro H. Fronda
Position	General Manager
Tel. No:	(042) 567-5170 to 72
Fax No:	(042) 567-5171
E-mail Address	tielco_elecdu@yahoo.com
Coverage Area	690.40 sq.km.
No. of barangays	112
Franchise Population	
SUPPLY HIGHLIGHTS	
Power supply from NAPOCOR is very unreliable and insufficient for the demands of TIELCO. The target date for commercial power operation of NPP was January 2007 but is still not in operation to date.	



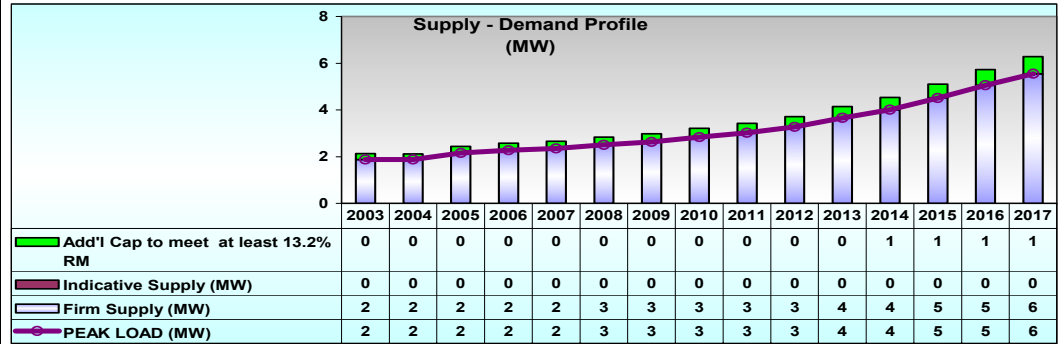
No. of Customers	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	AAGR
Residential	20,062	20,988	21,962	22,835	23,629	24,428	25,230	26,033	26,836	27,637	4%
Commercial	879	909	938	967	991	1,014	1,038	1,061	1,084	1,106	3%
Industrial	98	99	101	103	105	106	107	108	109	110	2%
Others	1,742	1,701	1,701	1,702	1,702	1,703	1,704	1,704	1,705	1,705	0.2%
<b>Total</b>	<b>22,782</b>	<b>23,698</b>	<b>24,703</b>	<b>25,606</b>	<b>26,427</b>	<b>27,251</b>	<b>28,078</b>	<b>28,905</b>	<b>29,733</b>	<b>30,558</b>	<b>3%</b>
Energy Sales per Customer Type (MWh)	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	AAGR
Residential	12,943	13,998	15,071	16,118	17,193	18,319	19,499	20,734	22,025	23,147	7%
Commercial	2,943	3,160	3,378	3,586	3,750	3,918	4,089	4,264	4,445	4,626	6%
Industrial	258	265	273	281	289	294	300	307	313	319	3%
Others	2,068	2,042	2,117	2,176	2,237	2,299	2,343	2,388	2,412	2,437	3%
<b>Total</b>	<b>18,211</b>	<b>19,464</b>	<b>20,838</b>	<b>22,160</b>	<b>23,468</b>	<b>24,831</b>	<b>26,232</b>	<b>27,692</b>	<b>29,196</b>	<b>30,528</b>	<b>6%</b>
Projected Infrastructure Requirements	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	TOTAL
Distribution/Sub-transmission Facilities	7	9	1								17
<i>Expansion(ckt-km)</i>			1								1
<i>Rehabilitation(ckt-km)</i>	7	9									16
Substation Capacity (MVA)											
Reactive Power Compensation Plan (MVAr)											
Capital Investment Requirements(in Million PhP)	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	TOTAL
Distribution/Sub-transmission Facilities	2	2	1								5
<i>Expansion</i>			1								1
<i>Rehabilitation</i>	2	2									4
Substation Projects											
Electrification Projects	2	3	2	2	2	1	1	1	1	1	17
<b>Total</b>	<b>4</b>	<b>4</b>	<b>3</b>	<b>2</b>	<b>2</b>	<b>1</b>	<b>1</b>	<b>1</b>	<b>1</b>	<b>1</b>	<b>22</b>
Level of Electrification	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	
<b>Barangay Level (%)</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	
No. of Barangays Electrified (On-Grid)	112	112	112	112	112	112	112	112	112	112	
No. of Barangays Electrified (Off-Grid)											
<b>Total</b>	<b>112</b>	<b>112</b>	<b>112</b>	<b>112</b>	<b>112</b>	<b>112</b>	<b>112</b>	<b>112</b>	<b>112</b>	<b>112</b>	
<b>Household Level (%)</b>	<b>66%</b>	<b>68%</b>	<b>70%</b>	<b>72%</b>	<b>74%</b>	<b>75%</b>	<b>77%</b>	<b>78%</b>	<b>80%</b>	<b>81%</b>	
No. of Households Electrified (On-Grid)	20,062	20,945	21,825	22,698	23,492	24,291	25,093	25,896	26,699	27,500	
No. of Households Electrified (Off-Grid)											
<b>Total</b>	<b>20,062</b>	<b>20,945</b>	<b>21,825</b>	<b>22,698</b>	<b>23,492</b>	<b>24,291</b>	<b>25,093</b>	<b>25,896</b>	<b>26,699</b>	<b>27,500</b>	

Franchise Coverage:

Covers two of the seven inhabited islands of the Province of Romblon. One of these is the island of TABLAS, the biggest island wherein nine (9) municipalities are located and CARABAO ISLAND which covers the municipality of San Jose.

## Romblon Electric Cooperative, Inc. (ROMELCO)

General Information	
Location	Brgy. Capaclan Romblon, Romblon
Contact Person	Rene M. Failagutan
Position	General Manager
Tel. No:	(02) 412-2864 to 67, local 2112
Fax No:	(02) 412-2864 to 67
E-mail Address	romelcoinc@yahoo.com
Coverage Area	582.3 sq.km.
No. of barangays	66
Franchise Population	
SUPPLY HIGHLIGHTS	
Cantingas 900 kW Mini-Hydro Project, located in Brgy. Taclobo, San Fernando, is due for completion by March 2008.	



No. of Customers	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	AAGR
Residential	8,688	9,643	10,703	11,880	13,067	14,373	15,810	17,232	18,782	20,286	10%
Commercial	755	800	848	890	935	982	1,021	1,062	1,104	1,137	5%
Industrial	8	9	11	12	14	16	19	22	26	26	16%
Others	973	980	984	988	988	992	992	996	1,001	1,006	1%
<b>Total</b>	<b>10,423</b>	<b>11,432</b>	<b>12,546</b>	<b>13,771</b>	<b>15,005</b>	<b>16,364</b>	<b>17,842</b>	<b>19,312</b>	<b>20,911</b>	<b>22,455</b>	<b>9%</b>
Energy Sales per Customer Type (MWh)	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	AAGR
Residential	5,690	6,334	7,077	7,952	8,866	9,969	11,206	12,606	14,177	15,799	12%
Commercial	1,577	1,675	1,802	1,923	2,057	2,206	2,367	2,538	2,722	2,891	7%
Industrial	331	441	593	743	931	1,157	1,437	1,785	2,159	2,613	27%
Others	1,386	1,508	1,633	1,798	1,965	2,186	2,411	2,711	3,053	3,471	11%
<b>Total</b>	<b>8,984</b>	<b>9,957</b>	<b>11,105</b>	<b>12,416</b>	<b>13,820</b>	<b>15,518</b>	<b>17,421</b>	<b>19,639</b>	<b>22,111</b>	<b>24,774</b>	<b>12%</b>
Projected Infrastructure Requirements	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	TOTAL
Distribution/Sub-transmission Facilities	11	11									22
<i>Expansion(ckt-km)</i>	7										1
<i>Rehabilitation(ckt-km)</i>	10	11									21
Substation Capacity (MVA)											
Reactive Power Compensation Plan (MVAr)											
Capital Investment Requirements(in Million PhP)	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	TOTAL
Distribution/Sub-transmission Facilities	12	6	4	4	4	4	4	4	4	4	51
<i>Expansion</i>	7										1
<i>Rehabilitation</i>	11	6	4	4	4	4	4	4	4	4	50
Substation Projects											
Electrification Projects	17	6	6	7	8	6	6	7	6	6	75
<b>Total</b>	<b>28</b>	<b>12</b>	<b>11</b>	<b>11</b>	<b>12</b>	<b>10</b>	<b>10</b>	<b>11</b>	<b>11</b>	<b>10</b>	<b>126</b>
Level of Electrification	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	
<b>Barangay Level (%)</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	
No of Barangays Electrified (On-Grid)	63	63	63	63	63	63	63	63	63	63	
No. of Barangays Electrified (Off-Grid)	3	3	3	3	3	3	3	3	3	3	
<b>Total</b>	<b>66</b>	<b>66</b>	<b>66</b>	<b>66</b>	<b>66</b>	<b>66</b>	<b>66</b>	<b>66</b>	<b>66</b>	<b>66</b>	
<b>Household Level (%)</b>	<b>39%</b>	<b>42%</b>	<b>45%</b>	<b>48%</b>	<b>52%</b>	<b>55%</b>	<b>59%</b>	<b>62%</b>	<b>66%</b>	<b>69%</b>	
No. of Households Electrified (On-Grid)	8,679	9,634	10,693	11,870	13,057	14,362	15,799	17,220	18,770	20,274	
No. of Households Electrified (Off-Grid)											
<b>Total</b>	<b>8,679</b>	<b>9,634</b>	<b>10,693</b>	<b>11,870</b>	<b>13,057</b>	<b>14,362</b>	<b>15,799</b>	<b>17,220</b>	<b>18,770</b>	<b>20,274</b>	

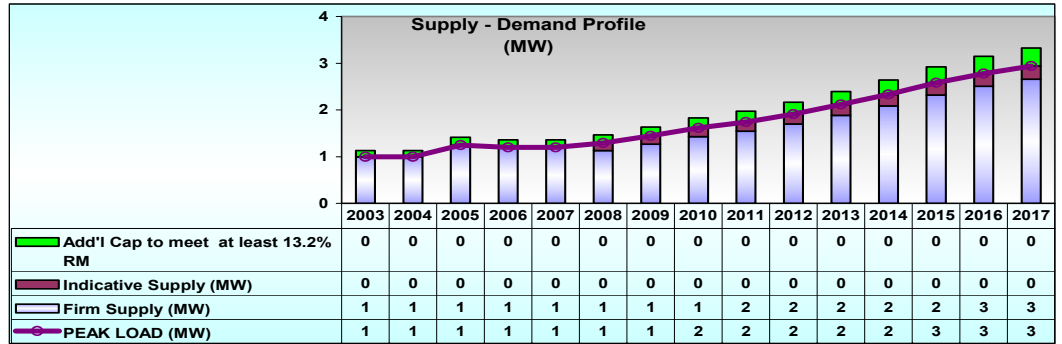
Franchise Coverage:

Municipalities of Romblon, San Fernando, Cajidiocan, and Magdiwang.



## Busuanga Island Electric Cooperative, Inc. (BISELCO)

General Information	
Location	Coron, Palawan
Contact Person	Ms. Ruth L. Galang
Position	Executive Assistant Officer-In-Charge
Tel. No:	(0919)668-4132
Fax No:	
E-mail Address	
Coverage Area	
No. of barangays	60
Franchise Population	
SUPPLY HIGHLIGHTS	
BISELCO's source of power is the land-based diesel generating plants being operated by NPC-SPUG.	



No. of Customers	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	AAGR
Residential	4,452	4,639	4,949	5,207	5,478	5,641	5,850	6,055	6,269	6,479	4%
Commercial	765	803	849	893	940	977	1,020	1,063	1,107	1,154	5%
Industrial	4	4	4	4	5	5	5	5	5	5	13%
Others	321	325	330	331	334	336	337	338	342	343	1%
<b>Total</b>	<b>5,542</b>	<b>5,772</b>	<b>6,132</b>	<b>6,436</b>	<b>6,757</b>	<b>6,959</b>	<b>7,211</b>	<b>7,461</b>	<b>7,723</b>	<b>7,981</b>	<b>4%</b>
Energy Sales per Customer Type (MWh)	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	AAGR
Residential	2,772	2,957	3,155	3,329	3,510	3,701	3,867	4,045	4,232	4,423	5%
Commercial	1,977	2,159	2,352	2,548	2,755	2,977	3,199	3,430	3,652	3,890	8%
Industrial	48	83	122	165	205	274	367	484	587	714	52%
Others	821	1,217	1,589	1,904	2,282	2,763	3,317	3,983	4,440	4,902	24%
<b>Total</b>	<b>5,618</b>	<b>6,417</b>	<b>7,218</b>	<b>7,945</b>	<b>8,752</b>	<b>9,716</b>	<b>10,751</b>	<b>11,941</b>	<b>12,910</b>	<b>13,928</b>	<b>11%</b>
Projected Infrastructure Requirements	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	TOTAL
Distribution/Sub-transmission Facilities			10	5	3	6	3	3			30
Expansion(ckt-km)			10	5	3	6	3	3			30
Rehabilitation(ckt-km)											
Substation Capacity (MVA)											
Reactive Power Compensation Plan (MVAr)											
Capital Investment Requirements(in Million PhP)	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	TOTAL
Distribution/Sub-transmission Facilities	4	1	7	4	4	5	3	3	0.4	0.4	30
Expansion			7	4	4	5	3	3			25
Rehabilitation	4	1							0.4	0.4	5
Substation Projects											
Electrification Projects	1	1	1	2	2	1	1	1	1	1	11
<b>Total</b>	<b>5</b>	<b>2</b>	<b>8</b>	<b>6</b>	<b>6</b>	<b>5</b>	<b>3</b>	<b>3</b>	<b>1</b>	<b>1</b>	<b>41</b>
Level of Electrification	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	
<b>Barangay Level (%)</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	
No of Barangays Electrified (On-Grid)	37	37	37	37	37	37	37	37	37	37	
No. of Barangays Electrified (Off-Grid)	23	23	23	23	23	23	23	23	23	23	
<b>Total</b>	<b>60</b>	<b>60</b>	<b>60</b>	<b>60</b>	<b>60</b>	<b>60</b>	<b>60</b>	<b>60</b>	<b>60</b>	<b>60</b>	
<b>Household Level (%)</b>	<b>24%</b>	<b>24%</b>	<b>24%</b>	<b>25%</b>	<b>25%</b>	<b>25%</b>	<b>26%</b>	<b>26%</b>	<b>26%</b>	<b>26%</b>	
No. of Households Electrified (On-Grid)	4,452	4,639	4,834	5,037	5,239	5,448	5,666	5,881	6,105	6,325	
No. of Households Electrified (Off-Grid)											
<b>Total</b>	<b>4,452</b>	<b>4,639</b>	<b>4,834</b>	<b>5,037</b>	<b>5,239</b>	<b>5,448</b>	<b>5,666</b>	<b>5,881</b>	<b>6,105</b>	<b>6,325</b>	

Franchise Coverage:

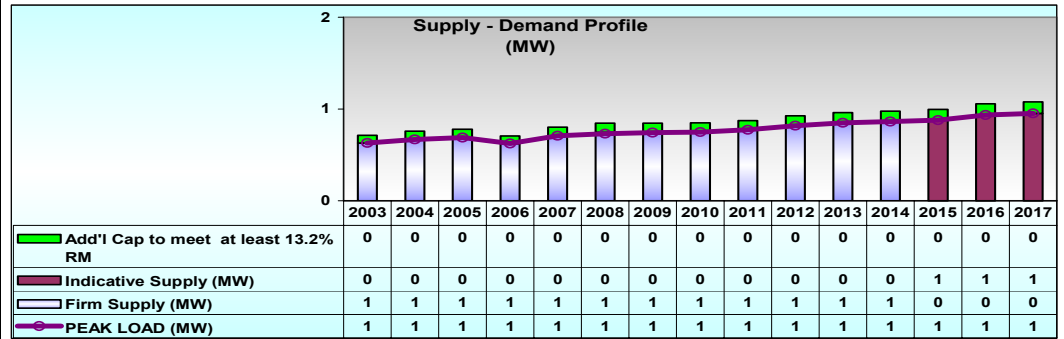
Municipalities of Coron, Busuanga, Culion Island, and Linapacan Island.

## Lubang Electric Cooperative, Inc. (LUBELCO)

General Information	
Location	Vigo, Lubang, Occidental Mindoro
Contact Person	Engr. Alex C. Labrador
Position	General Manager
Tel. No:	(043) 491-1364
Fax No:	
E-mail Address	
Coverage Area	
No. of barangays	25
Franchise Population	

### SUPPLY HIGHLIGHTS

LUBELCO is supplied by NPC-SPUG and has a self-generating facility that provides electricity for consumers of Cabra Island, Lubang. Fuel requirement of this facility is provided for by NPC-SPUG that results to a reduction of generation rate from 29 Php/kwh to 7 Php/kwh.



No. of Customers	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	AAGR
Residential	4,868	5,088	5,332	5,578	5,827	6,078	6,331	6,586	6,835	7,055	4%
Commercial	118	125	130	134	138	142	147	151	156	161	4%
Industrial	24	27	30	33	36	39	41	44	47	50	8%
Others	117	120	119	119	119	119	118	118	119	119	1%
<b>Total</b>	<b>5,128</b>	<b>5,359</b>	<b>5,611</b>	<b>5,864</b>	<b>6,120</b>	<b>6,378</b>	<b>6,638</b>	<b>6,900</b>	<b>7,156</b>	<b>7,385</b>	<b>4%</b>
Energy Sales per Customer Type (MWh)	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	AAGR
Residential	1,438	1,560	1,679	1,792	1,915	2,044	2,187	2,343	2,510	2,687	8%
Commercial	256	288	323	355	387	424	460	495	530	568	10%
Industrial	31	35	40	45	51	57	64	71	79	87	12%
Others	151	161	168	174	180	186	192	197	202	207	4%
<b>Total</b>	<b>1,877</b>	<b>2,044</b>	<b>2,210</b>	<b>2,366</b>	<b>2,533</b>	<b>2,711</b>	<b>2,902</b>	<b>3,106</b>	<b>3,321</b>	<b>3,549</b>	<b>8%</b>
Projected Infrastructure Requirements	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	TOTAL
Distribution/Sub-transmission Facilities	7										7
Expansion(ckt-km)	7										7
Rehabilitation(ckt-km)	0.1										0.1
Substation Capacity (MVA)											
Reactive Power Compensation Plan (MVAr)											
Capital Investment Requirements(in Million Php)	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	TOTAL
Distribution/Sub-transmission Facilities	4	1	1	1	1						8
Expansion	4										4
Rehabilitation	0.1	1	1	1	1						4
Substation Projects											
Electrification Projects	1	1	1	1	1	0.5	1	1	0.5	0.5	6
<b>Total</b>	<b>5</b>	<b>2</b>	<b>2</b>	<b>2</b>	<b>2</b>	<b>0.5</b>	<b>1</b>	<b>1</b>	<b>0.5</b>	<b>0.5</b>	<b>15</b>
Level of Electrification	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	
<b>Barangay Level (%)</b>	<b>96%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	
No of Barangays Electrified (On-Grid)	21	21	21	21	21	21	21	21	21	21	
No. of Barangays Electrified (Off-Grid)	3	4	4	4	4	4	4	4	4	4	
<b>Total</b>	<b>24</b>	<b>25</b>	<b>25</b>	<b>25</b>	<b>25</b>	<b>25</b>	<b>25</b>	<b>25</b>	<b>25</b>	<b>25</b>	
<b>Household Level (%)</b>	<b>62%</b>	<b>63%</b>	<b>64%</b>	<b>66%</b>	<b>67%</b>	<b>69%</b>	<b>70%</b>	<b>71%</b>	<b>72%</b>	<b>74%</b>	
No. of Households Electrified (On-Grid)	4,833	5,026	5,227	5,431	5,637	5,846	6,057	6,269	6,482	6,702	
No. of Households Electrified (Off-Grid)											
<b>Total</b>	<b>4,833</b>	<b>5,026</b>	<b>5,227</b>	<b>5,431</b>	<b>5,637</b>	<b>5,846</b>	<b>6,057</b>	<b>6,269</b>	<b>6,482</b>	<b>6,702</b>	

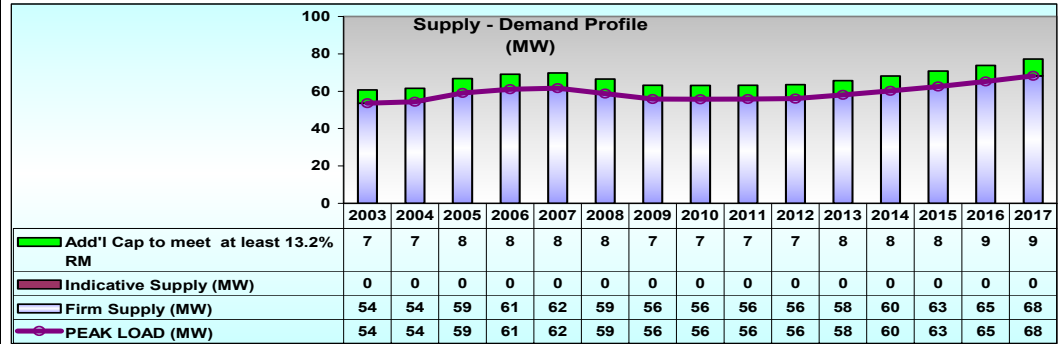
Franchise Coverage:

Looc and Lubang, Occidental Mindoro.

REGION 5  
ELECTRIC COOPERATIVES

## Albay Electric Cooperative, Inc. (ALECO)

General Information	
Location	W. Vinzon St., Old Albay District, Legazpi City
Contact Person	Alex M. Realoza
Position	General Manager
Tel. No:	(052) 481-5555
Fax No:	(052) 820-2668
E-mail Address	aleco_wesm@yahoo.com
Coverage Area	2,552 sq.km.
No. of barangays	720
Franchise Population	
SUPPLY HIGHLIGHTS	
ALECO forecasted its demand for 2008, 2009 and 2010 conservatively. This is because of the possible effect in the distribution system and full implementation of WESM and others as required by the EPIRA.	



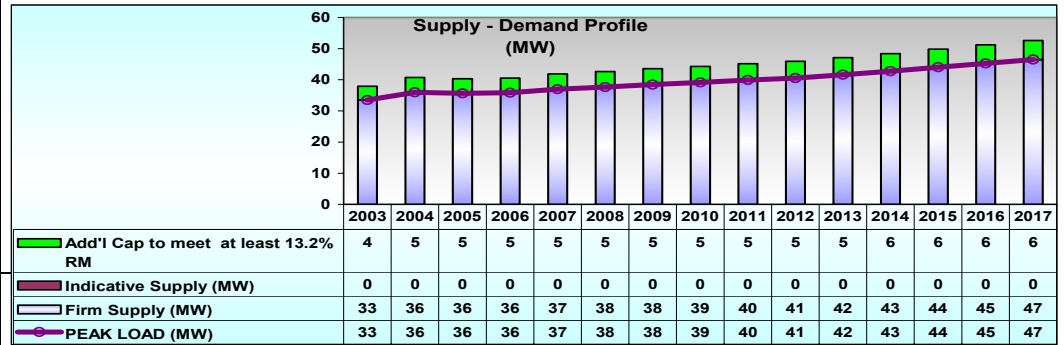
No. of Customers	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	AAGR
Residential	134,818	137,661	140,700	143,946	147,409	151,102	155,037	159,205	163,644	168,371	2%
Commercial	7,566	7,649	7,733	7,819	7,905	7,991	8,079	8,168	8,258	8,349	1%
Industrial	469	474	480	486	493	501	509	517	527	537	1%
Others	2,342	2,346	2,346	2,346	2,347	2,347	2,347	2,347	2,348	2,348	0.1%
<b>Total</b>	<b>145,195</b>	<b>148,130</b>	<b>151,260</b>	<b>154,597</b>	<b>158,153</b>	<b>161,941</b>	<b>165,972</b>	<b>170,238</b>	<b>174,777</b>	<b>179,604</b>	<b>2%</b>
Energy Sales per Customer Type (MWh)	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	AAGR
Residential	121,936	126,438	131,586	137,322	143,713	151,002	159,310	168,401	178,759	190,124	5%
Commercial	32,421	33,317	34,324	35,433	36,669	38,023	39,527	41,171	42,990	44,978	4%
Industrial	39,017	39,319	39,674	40,064	40,514	41,004	41,563	42,168	42,851	43,588	1%
Others	34,418	41,784	42,213	42,647	43,090	43,540	43,768	44,000	44,239	44,483	11%
<b>Total</b>	<b>227,792</b>	<b>240,858</b>	<b>247,798</b>	<b>255,466</b>	<b>263,986</b>	<b>273,569</b>	<b>284,167</b>	<b>295,739</b>	<b>308,838</b>	<b>323,173</b>	<b>5%</b>
Projected Infrastructure Requirements	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	TOTAL
Distribution/Sub-transmission Facilities	36										36
Expansion(ckt-km)	32										32
Rehabilitation(ckt-km)	5										5
Substation Capacity (MVA)							5		10		15
Reactive Power Compensation Plan (MVAr)											
Capital Investment Requirements(in Million PhP)	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	TOTAL
Distribution/Sub-transmission Facilities	87										87
Expansion	76										76
Rehabilitation	11										11
Substation Projects	9						18		36		63
Electrification Projects	102	65	63	62	64	64	66	66	68	68	690
<b>Total</b>	<b>198</b>	<b>65</b>	<b>63</b>	<b>62</b>	<b>64</b>	<b>64</b>	<b>84</b>	<b>66</b>	<b>104</b>	<b>68</b>	<b>840</b>
Level of Electrification	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	
<b>Barangay Level (%)</b>	<b>99%</b>	<b>99.6%</b>	<b>99.6%</b>	<b>99.6%</b>	<b>99.6%</b>	<b>99.6%</b>	<b>99.6%</b>	<b>99.6%</b>	<b>99.6%</b>	<b>99.6%</b>	
No. of Barangays Electrified (On-Grid)	717	717	717	717	717	717	717	717	717	717	
No. of Barangays Electrified (Off-Grid)											
<b>Total</b>	<b>717</b>	<b>717</b>	<b>717</b>	<b>717</b>	<b>717</b>	<b>717</b>	<b>717</b>	<b>717</b>	<b>717</b>	<b>717</b>	
<b>Household Level (%)</b>	<b>58%</b>	<b>59%</b>	<b>59%</b>	<b>60%</b>	<b>60%</b>	<b>61%</b>	<b>61%</b>	<b>62%</b>	<b>63%</b>	<b>63%</b>	
No. of Households Electrified (On-Grid)	134,298	137,118	140,135	143,358	146,798	150,468	154,381	158,549	162,988	167,715	
No. of Households Electrified (Off-Grid)											
<b>Total</b>	<b>134,298</b>	<b>137,118</b>	<b>140,135</b>	<b>143,358</b>	<b>146,798</b>	<b>150,468</b>	<b>154,381</b>	<b>158,549</b>	<b>162,988</b>	<b>167,715</b>	

Franchise Coverage:

15 municipalities and 3 cities which are grouped into 3 district: Tiwi, Malinao, Tabaco, Malilipot, Bacacay, Sto. Domingo (First District); Rapu-Rapu, Manito, Legazpi, Daraga, Camalig (Second District); Guinobatan, Jovellar, Ligao, Oas, Pioduran, Libon, Polangui (Third District).

## Camarines Sur II Electric Cooperative, Inc. (CASURECO II)

General Information	
Location	Del Rosario, Naga City
Contact Person	Engr. Rodelo A. Pasumbal
Position	OIC, General Manager
Tel. No:	(054) 473-0204 loc. 123
Fax No:	
E-mail Address	rdlpasumbal@yahoo.com
Coverage Area	
No. of barangays	259
Franchise Population	
SUPPLY HIGHLIGHTS	
All barangays within the coverage area are already energized with possible extension of lines to several sitios. Additional two 10 MVA substations will be constructed in 2009 and another in 2011. CASURECO II also gets supply from Bicol Hydro Electric at 1MW. Current supply is still sufficient to accommodate projected gradual increase in consumption for the next few years.	



No. of Customers	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	AAGR
Residential	67,067	70,079	73,642	77,244	81,049	84,103	87,308	90,644	94,114	97,726	4%
Commercial	5,075	5,192	5,310	5,432	5,555	5,652	5,758	5,866	5,976	6,088	2%
Industrial	108	109	110	111	112	114	115	116	117	118	1%
Others	1,145	1,147	1,148	1,148	1,149	1,149	1,150	1,150	1,151	1,152	0.3%
<b>Total</b>	<b>73,396</b>	<b>76,528</b>	<b>80,210</b>	<b>83,936</b>	<b>87,865</b>	<b>91,018</b>	<b>94,331</b>	<b>97,776</b>	<b>101,358</b>	<b>105,083</b>	<b>4%</b>
Energy Sales per Customer Type (MWh)	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	AAGR
Residential	81,327	85,329	89,542	94,388	99,535	105,314	111,438	118,324	125,632	133,390	6%
Commercial	56,945	60,130	63,125	66,351	69,315	72,441	75,197	78,060	80,427	82,865	4%
Industrial	16,876	17,410	17,971	18,560	19,178	19,826	20,506	21,221	21,971	22,747	3%
Others	18,501	20,079	19,026	20,750	21,097	21,386	21,601	21,819	22,039	22,260	2%
<b>Total</b>	<b>173,648</b>	<b>182,949</b>	<b>189,665</b>	<b>200,049</b>	<b>209,125</b>	<b>218,967</b>	<b>228,743</b>	<b>239,423</b>	<b>250,069</b>	<b>261,262</b>	<b>5%</b>
Projected Infrastructure Requirements	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	TOTAL
Distribution/Sub-transmission Facilities	38	15	17	24	27						121
Expansion(ckt-km)	17	10	17	24	27						94
Rehabilitation(ckt-km)	22	5									26
Substation Capacity (MVA)		10		10							20
Reactive Power Compensation Plan (MVAr)											
Capital Investment Requirements(in Million Php)	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	TOTAL
Distribution/Sub-transmission Facilities	90	75	75	84	83	63	62	61	63	61	716
Expansion	39	51	75	84	83						332
Rehabilitation	51	24				63	62	61	63	61	384
Substation Projects		24		24							48
Electrification Projects	16	23	24	21	25	18	21	18	22	19	207
<b>Total</b>	<b>106</b>	<b>121</b>	<b>99</b>	<b>128</b>	<b>108</b>	<b>80</b>	<b>83</b>	<b>80</b>	<b>85</b>	<b>81</b>	<b>971</b>
Level of Electrification	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	
<b>Barangay Level (%)</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	
No of Barangays Electrified (On-Grid)	257	257	257	257	257	257	257	257	257	257	
No. of Barangays Electrified (Off-Grid)	2	2	2	2	2	2	2	2	2	2	
<b>Total</b>	<b>259</b>	<b>259</b>	<b>259</b>	<b>259</b>	<b>259</b>	<b>259</b>	<b>259</b>	<b>259</b>	<b>259</b>	<b>259</b>	
<b>Household Level (%)</b>	<b>75%</b>	<b>76%</b>	<b>77%</b>	<b>78%</b>	<b>78%</b>	<b>79%</b>	<b>80%</b>	<b>81%</b>	<b>81%</b>	<b>82%</b>	
No. of Households Electrified (On-Grid)	66,739	69,408	72,185	75,072	78,075	81,198	84,446	87,824	91,337	94,990	
No. of Households Electrified (Off-Grid)											
<b>Total</b>	<b>66,739</b>	<b>69,408</b>	<b>72,185</b>	<b>75,072</b>	<b>78,075</b>	<b>81,198</b>	<b>84,446</b>	<b>87,824</b>	<b>91,337</b>	<b>94,990</b>	

Franchise Coverage:

1 city and 9 municipalities in Camarines Sur: Tinambac, Siruma, Canaman, Magarao, Bombon, Calabanga, Milaor, Minalabac, Pili, and Naga City.

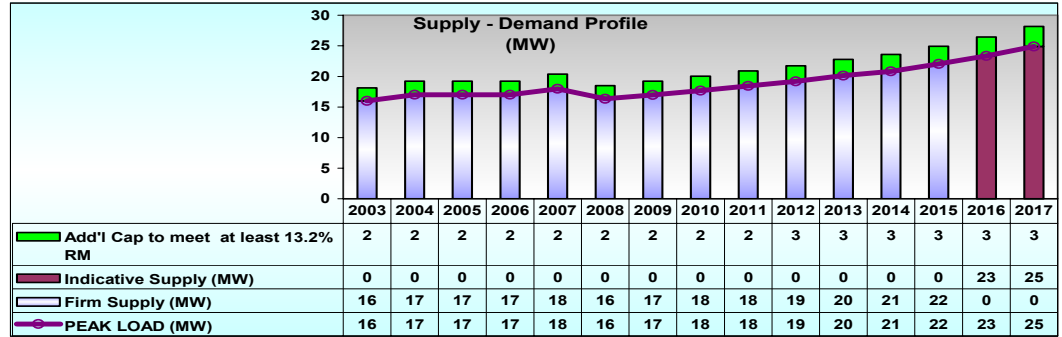


## Camarines Norte Electric Cooperative, Inc. (CANORECO)

General Information	
Location	J.P. Rizal St. Daet, Camarines Norte
Contact Person	Lorenzo S. Canlas Jr. PFE
Position	General Manager
Tel. No:	(054) 721-1483/1486/1746
Fax No:	(054) 571-2327
E-mail Address	canoreco_main@yahoo.com
Coverage Area	
No. of barangays	273
Franchise Population	

### SUPPLY HIGHLIGHTS

Regular inspection and calibration of kWhr meters for commercial and industrial consumers will be conducted to further minimize pilferages and technical losses. Enough supply is expected as Transition Supply Contract with NPC will expire in CY 2015.



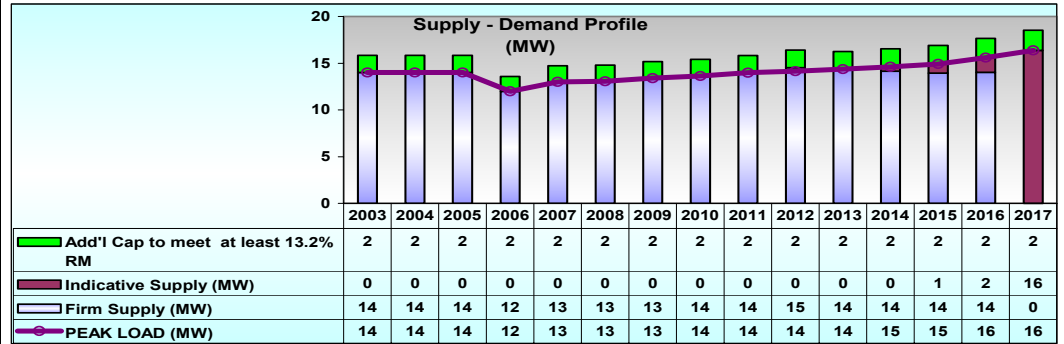
No. of Customers	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	AAGR
Residential	59,879	62,734	64,809	67,056	69,342	72,041	75,196	78,837	83,040	87,878	4%
Commercial	3,870	3,998	4,065	4,133	4,202	4,280	4,349	4,417	4,495	4,574	3%
Industrial	40	48	53	54	56	57	59	60	62	63	6%
Others	1,289	1,287	1,290	1,287	1,289	1,292	1,287	1,288	1,282	1,282	1%
<b>Total</b>	<b>65,079</b>	<b>68,066</b>	<b>70,216</b>	<b>72,531</b>	<b>74,890</b>	<b>77,671</b>	<b>80,891</b>	<b>84,602</b>	<b>88,879</b>	<b>93,797</b>	<b>4%</b>
Energy Sales per Customer Type (MWh)	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	AAGR
Residential	45,392	47,565	49,974	52,754	55,796	59,323	63,521	68,537	74,306	80,956	6%
Commercial	15,595	16,071	16,577	17,144	17,735	18,372	19,008	19,693	20,437	21,245	3%
Industrial	2,433	2,705	3,000	3,337	3,712	4,114	4,572	4,935	5,327	5,720	10%
Others	19,558	20,557	21,512	22,349	22,602	22,864	23,077	23,321	23,509	23,733	2%
<b>Total</b>	<b>82,978</b>	<b>86,897</b>	<b>91,063</b>	<b>95,585</b>	<b>99,845</b>	<b>104,674</b>	<b>110,178</b>	<b>116,486</b>	<b>123,579</b>	<b>131,654</b>	<b>5%</b>
Projected Infrastructure Requirements	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	TOTAL
Distribution/Sub-transmission Facilities	53	39	26	1	24	1					144
Expansion(ckt-km)	10	27	15		23						74
Rehabilitation(ckt-km)	44	12	11	1	1	1					70
Substation Capacity (MVA)			5		5						10
Reactive Power Compensation Plan (MVAr)											
Capital Investment Requirements(in Million PhP)	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	TOTAL
Distribution/Sub-transmission Facilities	68	32	27	1	32	1					161
Expansion	13	22	16		31						80
Rehabilitation	56	10	11	1	1	1					80
Substation Projects			18		18						36
Electrification Projects	34	25	28	30	15	14	18	17	22	21	224
<b>Total</b>	<b>102</b>	<b>57</b>	<b>72</b>	<b>31</b>	<b>65</b>	<b>15</b>	<b>18</b>	<b>17</b>	<b>22</b>	<b>21</b>	<b>421</b>
Level of Electrification	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	
<b>Barangay Level (%)</b>	<b>99%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	
No. of Barangays Electrified (On-Grid)	269	269	269	269	269	269	269	269	269	269	
No. of Barangays Electrified (Off-Grid)	3	4	4	4	4	4	4	4	4	4	
<b>Total</b>	<b>272</b>	<b>273</b>	<b>273</b>	<b>273</b>	<b>273</b>	<b>273</b>	<b>273</b>	<b>273</b>	<b>273</b>	<b>273</b>	
<b>Household Level (%)</b>	<b>69%</b>	<b>70%</b>	<b>70%</b>	<b>71%</b>	<b>72%</b>	<b>73%</b>	<b>75%</b>	<b>77%</b>	<b>79%</b>	<b>82%</b>	
No. of Households Electrified (On-Grid)	58,928	60,696	62,517	64,705	66,970	69,649	72,783	76,422	80,625	85,463	
No. of Households Electrified (Off-Grid)											
<b>Total</b>	<b>58,928</b>	<b>60,696</b>	<b>62,517</b>	<b>64,705</b>	<b>66,970</b>	<b>69,649</b>	<b>72,783</b>	<b>76,422</b>	<b>80,625</b>	<b>85,463</b>	

Franchise Coverage:

Covers 12 municipalities namely: Basud, Capalonga, Daet, Jose Panganiban, Labo, Mercedes, Paracale, San Lorenzo Ruiz (Imelda), San Vicente, Santa Elena, Talisay, and Vinzons.

## Camarines Sur III Electric Cooperative, Inc. (CASURECO III)

General Information	
Location	San Isidro, Iriga City
Contact Person	Engr. Pedro M. Prestado, Jr.
Position	General Manager
Tel. No:	(054) 299-2382
Fax No:	(054) 299-2382
E-mail Address	
Coverage Area	
No. of barangays	229
Franchise Population	
SUPPLY HIGHLIGHTS	
CASURECO III will re-route the double circuit in san jose, pangaraon, nabua along the main road to easily service said circuit in case of line trouble.	



No. of Customers	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	AAGR
Residential	52,298	54,285	56,348	58,489	60,711	63,140	65,666	68,292	71,024	73,865	4%
Commercial	2,438	2,484	2,534	2,597	2,662	2,729	2,797	2,881	2,968	3,057	2%
Industrial	163	164	166	168	169	172	174	177	180	182	1%
Others	1,004	1,004	1,005	1,009	1,010	1,011	1,012	1,013	1,014	1,014	0.3%
<b>Total</b>	<b>55,902</b>	<b>57,938</b>	<b>60,052</b>	<b>62,263</b>	<b>64,553</b>	<b>67,051</b>	<b>69,649</b>	<b>72,363</b>	<b>75,184</b>	<b>78,118</b>	<b>4%</b>
Energy Sales per Customer Type (MWh)	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	AAGR
Residential	31,754	33,249	34,959	36,875	39,060	41,503	44,204	47,191	50,786	54,875	6%
Commercial	8,653	9,391	10,220	10,439	10,642	10,826	11,013	11,284	11,589	11,932	4%
Industrial	3,734	3,865	4,001	4,142	4,288	4,451	4,625	4,812	5,014	5,232	4%
Others	5,277	5,496	5,724	5,973	6,227	6,494	6,775	7,070	7,382	7,711	4%
<b>Total</b>	<b>49,419</b>	<b>52,001</b>	<b>54,904</b>	<b>57,430</b>	<b>60,217</b>	<b>63,274</b>	<b>66,617</b>	<b>70,358</b>	<b>74,772</b>	<b>79,750</b>	<b>5%</b>
Projected Infrastructure Requirements	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	TOTAL
Distribution/Sub-transmission Facilities	10	4									14
<i>Expansion(ckt-km)</i>											
<i>Rehabilitation(ckt-km)</i>	10	4									14
Substation Capacity (MVA)			10								10
Reactive Power Compensation Plan (MVAr)											
Capital Investment Requirements(in Million PhP)	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	TOTAL
Distribution/Sub-transmission Facilities	6	2									8
<i>Expansion</i>											
<i>Rehabilitation</i>	6	2									8
Substation Projects			24								24
Electrification Projects	17	7	7	7	8	8	9	9	9	10	90
<b>Total</b>	<b>23</b>	<b>9</b>	<b>31</b>	<b>7</b>	<b>8</b>	<b>8</b>	<b>9</b>	<b>9</b>	<b>9</b>	<b>10</b>	<b>122</b>
Level of Electrification	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	
<b>Barangay Level (%)</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	
No. of Barangays Electrified (On-Grid)	229	229	229	229	229	229	229	229	229	229	
No. of Barangays Electrified (Off-Grid)											
<b>Total</b>	<b>229</b>	<b>229</b>	<b>229</b>	<b>229</b>	<b>229</b>	<b>229</b>	<b>229</b>	<b>229</b>	<b>229</b>	<b>229</b>	
<b>Household Level (%)</b>	<b>80%</b>	<b>81%</b>	<b>83%</b>	<b>85%</b>	<b>86%</b>	<b>88%</b>	<b>90%</b>	<b>92%</b>	<b>94%</b>	<b>96%</b>	
No. of Households Electrified (On-Grid)	52,298	54,285	56,348	58,489	60,711	63,140	65,666	68,292	71,024	73,865	
No. of Households Electrified (Off-Grid)											
<b>Total</b>	<b>52,298</b>	<b>54,285</b>	<b>56,348</b>	<b>58,489</b>	<b>60,711</b>	<b>63,140</b>	<b>65,666</b>	<b>68,292</b>	<b>71,024</b>	<b>73,865</b>	

Franchise Coverage:

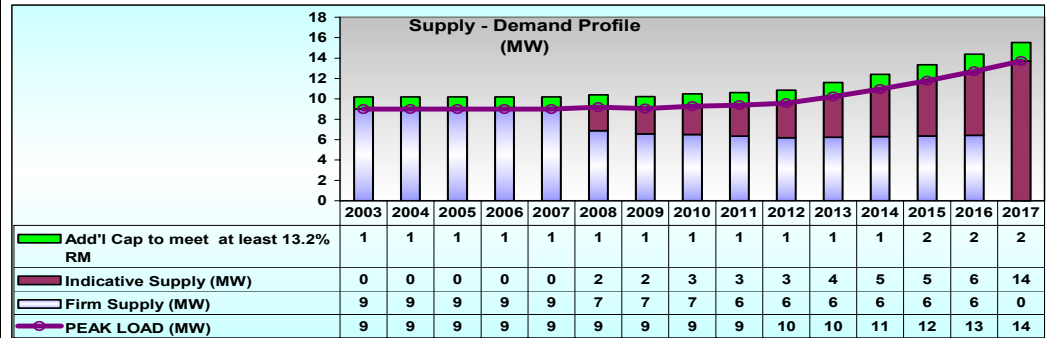
Iriga City, Nabua, Balatan, Bato, Bula, Buhi, and Baao.

## Camarines Sur I Electric Cooperative, Inc. (CASURECO I)

General Information	
Location	Puro-Batia, Libmanan, Camarines Sur
Contact Person	Engr. Josephus Paulo C. Motos
Position	Officer-In-Charge
Tel. No:	(054) 451-2148
Fax No:	(056) 451-2148
E-mail Address	jop_m@yahoo.com
Coverage Area	
No. of barangays	287
Franchise Population	

### SUPPLY HIGHLIGHTS

CASURECO I is getting power from National Power Corporation. CASURECO I will construct a 5 MVA substation at Sipocot and construct 13 kms 69kV line from Bahay Libmanan to Sipocot, Camarines Sur to improve system reliability and also lower system losses.



No. of Customers	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	AAGR
Residential	45,398	50,080	55,187	60,677	66,773	73,416	80,724	88,762	97,604	107,330	10%
Commercial	2,485	2,610	2,740	2,877	3,021	3,172	3,331	3,497	3,672	3,856	5%
Industrial	55	55	56	56	57	57	58	58	59	60	1%
Others	3,102	3,104	3,106	3,108	3,110	3,112	3,115	3,117	3,120	3,122	0.2%
<b>Total</b>	<b>51,040</b>	<b>55,849</b>	<b>61,089</b>	<b>66,718</b>	<b>72,961</b>	<b>79,758</b>	<b>87,227</b>	<b>95,434</b>	<b>104,454</b>	<b>114,367</b>	<b>9%</b>
Energy Sales per Customer Type (MWh)	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	AAGR
Residential	21,050	23,284	25,766	28,529	31,608	35,042	38,874	43,159	47,955	53,332	11%
Commercial	4,560	4,791	5,033	5,288	5,556	5,837	6,133	6,444	6,771	7,116	5%
Industrial	1,853	1,871	1,890	1,909	1,929	1,948	1,968	1,988	2,008	2,028	1%
Others	2,353	2,419	2,487	2,557	2,630	2,706	2,784	2,865	2,949	3,036	3%
<b>Total</b>	<b>29,816</b>	<b>32,364</b>	<b>35,176</b>	<b>38,284</b>	<b>41,723</b>	<b>45,533</b>	<b>49,759</b>	<b>54,456</b>	<b>59,683</b>	<b>65,511</b>	<b>9%</b>
Projected Infrastructure Requirements	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	TOTAL
Distribution/Sub-transmission Facilities	29	59	6	24	22	32	11	1	2	28	214
Expansion(ckt-km)	17	49	3	7	4	31	7	1	2	28	148
Rehabilitation(ckt-km)	12	10	3	17	18	1	4				66
Substation Capacity (MVA)	5	5	5			5					20
Reactive Power Compensation Plan (MVAr)											
Capital Investment Requirements(in Million PHP)	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	TOTAL
Distribution/Sub-transmission Facilities	64	88	6	7	5	57	8	3	2	57	298
Expansion	37	74	3	2	1	55	5	3	2	57	238
Rehabilitation	27	15	3	5	4	2	3				60
Substation Projects	18	18	18			18					72
Electrification Projects	28	26	25	27	30	32	35	38	41	44	326
<b>Total</b>	<b>110</b>	<b>132</b>	<b>49</b>	<b>35</b>	<b>35</b>	<b>107</b>	<b>43</b>	<b>40</b>	<b>43</b>	<b>101</b>	<b>695</b>
Level of Electrification	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	
<b>Barangay Level (%)</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	
No of Barangays Electrified (On-Grid)	287	287	287	287	287	287	287	287	287	287	
No. of Barangays Electrified (Off-Grid)											
<b>Total</b>	<b>287</b>	<b>287</b>	<b>287</b>	<b>287</b>	<b>287</b>	<b>287</b>	<b>287</b>	<b>287</b>	<b>287</b>	<b>287</b>	
<b>Household Level (%)</b>	<b>55%</b>	<b>57%</b>	<b>59%</b>	<b>61%</b>	<b>63%</b>	<b>66%</b>	<b>68%</b>	<b>71%</b>	<b>74%</b>	<b>76%</b>	
No. of Households Electrified (On-Grid)	45,373	49,910	54,901	60,391	66,430	73,073	80,381	88,419	97,261	106,987	
No. of Households Electrified (Off-Grid)											
<b>Total</b>	<b>45,373</b>	<b>49,910</b>	<b>54,901</b>	<b>60,391</b>	<b>66,430</b>	<b>73,073</b>	<b>80,381</b>	<b>88,419</b>	<b>97,261</b>	<b>106,987</b>	

Franchise Coverage:

Municipalities of Libmanan, Sipocot, Lupi, Ragay, Cabusao, Pamplona, San Fernando, Gainza, and Camaligan.

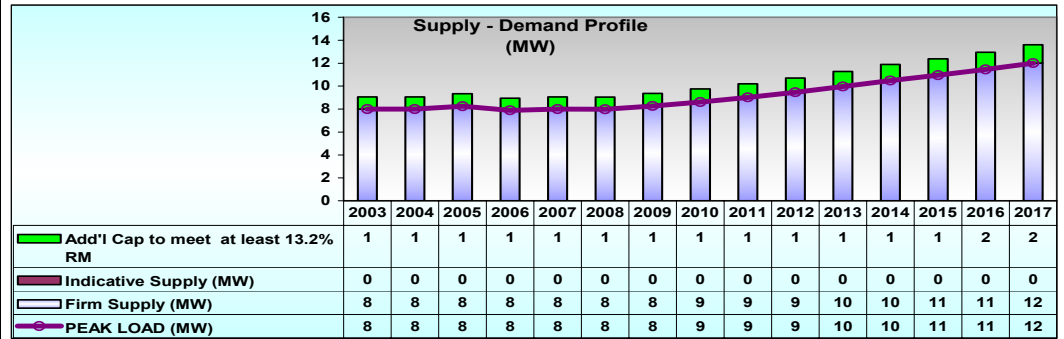


## Masbate Electric Cooperative, Inc. (MASELCO)

General Information	
Location	Pinamarbuhon, Mobo, Masbate
Contact Person	Mr. Eduardo N. Margallo, MBA
Position	General Manager
Tel. No:	(056) 333-2360
Fax No:	(056) 333-2360
E-mail Address	
Coverage Area	
No. of barangays	434
Franchise Population	

### SUPPLY HIGHLIGHTS

MASELCO has enough supply to cater the needs of its consumers. Transition Supply Contract with NPC will expire on CY 2016.



No. of Customers	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	AAGR
Residential	26,141	29,169	38,200	47,296	56,459	65,694	73,483	75,129	76,857	78,672	13%
Commercial	1,374	1,386	1,397	1,407	1,418	1,428	1,439	1,450	1,460	1,463	1%
Industrial	92	92	92	92	92	92	92	92	92	92	0%
Others	593	589	586	586	586	586	586	586	586	586	0.1%
<b>Total</b>	<b>28,200</b>	<b>31,236</b>	<b>40,275</b>	<b>49,381</b>	<b>58,555</b>	<b>67,800</b>	<b>75,600</b>	<b>77,257</b>	<b>78,996</b>	<b>80,813</b>	<b>13%</b>
Energy Sales per Customer Type (MWh)	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	AAGR
Residential	22,918	24,529	26,618	29,027	31,781	34,908	38,243	41,234	44,586	48,342	8%
Commercial	6,592	6,671	6,749	6,829	6,911	6,995	7,081	7,169	7,260	7,350	1%
Industrial	4,242	4,284	4,327	4,371	4,414	4,458	4,503	4,548	4,593	4,639	1%
Others	3,366	3,392	3,399	3,418	3,437	3,456	3,475	3,493	3,512	3,531	1%
<b>Total</b>	<b>37,118</b>	<b>38,876</b>	<b>41,093</b>	<b>43,644</b>	<b>46,543</b>	<b>49,817</b>	<b>53,301</b>	<b>56,445</b>	<b>59,952</b>	<b>63,862</b>	<b>6%</b>
Projected Infrastructure Requirements	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	TOTAL
Distribution/Sub-transmission Facilities	120										120
Expansion(ckt-km)	117										117
Rehabilitation(ckt-km)	3										3
Substation Capacity (MVA)											
Reactive Power Compensation Plan (MVar)											
Capital Investment Requirements(in Million Php)	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	TOTAL
Distribution/Sub-transmission Facilities	237	21	10	9	8	8	8	8	8	8	327
Expansion	231										231
Rehabilitation	6	21	10	9	8	8	8	8	8	8	96
Substation Projects											
Electrification Projects	28	60	39	38	61	62	82	63	82	62	578
<b>Total</b>	<b>265</b>	<b>80</b>	<b>49</b>	<b>47</b>	<b>70</b>	<b>71</b>	<b>90</b>	<b>71</b>	<b>91</b>	<b>71</b>	<b>906</b>
Level of Electrification	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	
<b>Barangay Level (%)</b>	<b>53%</b>	<b>80%</b>	<b>80%</b>	<b>80%</b>	<b>80%</b>	<b>80%</b>	<b>80%</b>	<b>80%</b>	<b>80%</b>	<b>80%</b>	
No of Barangays Electrified (On-Grid)	307	321	321	321	321	321	321	321	321	321	
No. of Barangays Electrified (Off-Grid)	11	25	25	25	25	25	25	25	25	25	
<b>Total</b>	<b>318</b>	<b>346</b>	<b>346</b>	<b>346</b>	<b>346</b>	<b>346</b>	<b>346</b>	<b>346</b>	<b>346</b>	<b>346</b>	
<b>Household Level (%)</b>	<b>22%</b>	<b>22%</b>	<b>23%</b>	<b>23%</b>	<b>24%</b>	<b>24%</b>	<b>25%</b>	<b>26%</b>	<b>26%</b>	<b>27%</b>	
No. of Households Electrified (On-Grid)	24,566	25,794	27,084	28,438	29,860	31,353	32,921	34,567	36,295	38,110	
No. of Households Electrified (Off-Grid)											
<b>Total</b>	<b>24,566</b>	<b>25,794</b>	<b>27,084</b>	<b>28,438</b>	<b>29,860</b>	<b>31,353</b>	<b>32,921</b>	<b>34,567</b>	<b>36,295</b>	<b>38,110</b>	

Franchise Coverage:

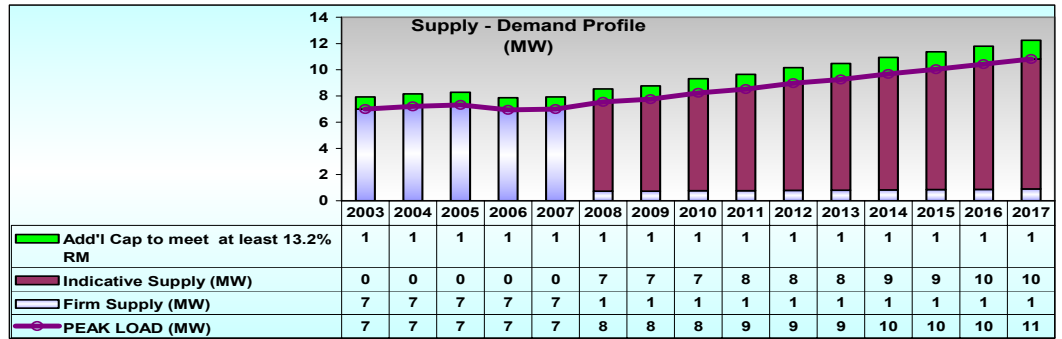
Covers 14 municipalities and 1 city: Milagros, Mandaon, Balud, Baleno, Aroroy, Mobo, Uson, Dimasalang, Palanas, Cataingan, Placer, Pio V. Corpuz, Cawayan, Esperanza, and the City of Masbate.

## Sorsogon I Electric Cooperative, Inc. (SORECO I)

General Information	
Location	Gulang-gulang, Irosin, Sorsogon
Contact Person	Roberto F. Fortes
Position	General Manager
Tel. No:	(056) 557-3162
Fax No:	(056) 557-3162
E-mail Address	
Coverage Area	1,007.30 sq.km.
No. of barangays	253
Franchise Population	

### SUPPLY HIGHLIGHTS

SORECO I will upgrade distribution lines and systems capacity towards the improvement its system reliability. To anticipate increasing loads, a 10 MVA substation will be constructed at Juban in CY 2010 which is expected to prevent the overloading of 5 MVA substation in Sta. Teresita. Its Transition Supply Contract with NPC expired last 2007 and the remaining supply will come from WESM.



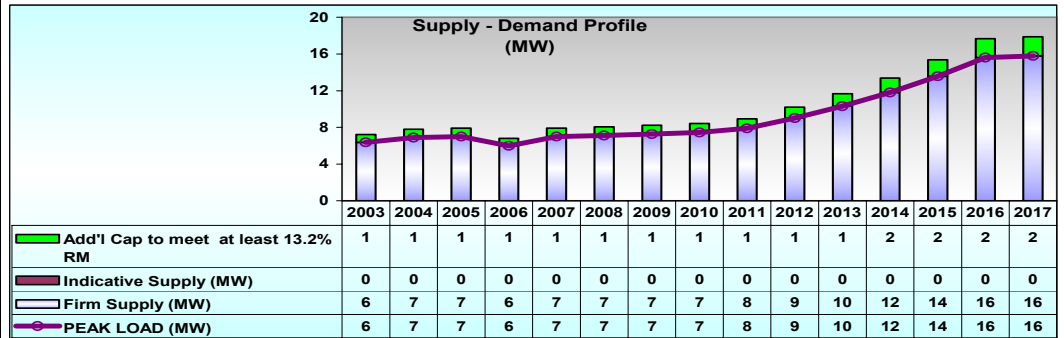
No. of Customers	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	AAGR
Residential	35,588	37,493	39,102	40,773	42,483	43,794	45,118	46,039	46,968	47,904	4%
Commercial	1,304	1,351	1,402	1,441	1,476	1,508	1,540	1,572	1,605	1,622	3%
Industrial	59	60	60	61	62	62	63	64	64	65	1%
Others	1,113	1,128	1,148	1,159	1,151	1,145	1,146	1,144	1,141	1,135	1%
<b>Total</b>	<b>38,064</b>	<b>40,032</b>	<b>41,712</b>	<b>43,434</b>	<b>45,171</b>	<b>46,510</b>	<b>47,867</b>	<b>48,818</b>	<b>49,778</b>	<b>50,725</b>	<b>4%</b>
Energy Sales per Customer Type (MWh)	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	AAGR
Residential	19,743	21,471	23,195	24,829	26,640	28,430	30,098	31,606	33,231	34,977	7%
Commercial	3,573	3,754	3,945	4,120	4,266	4,421	4,587	4,764	4,904	5,013	4%
Industrial	2,385	2,446	2,511	2,553	2,598	2,644	2,693	2,744	2,798	2,854	2%
Others	1,896	1,963	2,034	2,100	2,151	2,180	2,219	2,239	2,259	2,270	3%
<b>Total</b>	<b>27,597</b>	<b>29,634</b>	<b>31,684</b>	<b>33,602</b>	<b>35,654</b>	<b>37,676</b>	<b>39,596</b>	<b>41,353</b>	<b>43,191</b>	<b>45,114</b>	<b>6%</b>
Projected Infrastructure Requirements	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	TOTAL
Distribution/Sub-transmission Facilities	6	6	9	3	1	1	4	7	2	3	41
Expansion(ckt-km)	4	6	8	3	1	1	4	6	2	3	38
Rehabilitation(ckt-km)	2		1	1		0.1	0.1	0.2	0.3	0.1	4
Substation Capacity (MVA)			10								10
Reactive Power Compensation Plan (MVAr)											
Capital Investment Requirements(in Million PhP)	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	TOTAL
Distribution/Sub-transmission Facilities	18	22	17	14	13	13	13	14	13	12	149
Expansion	13	22	15	12	13	11	13	14	11	12	135
Rehabilitation	6		2	2		2	0.4	0.3	2	0.4	14
Substation Projects			24								24
Electrification Projects	13	10	11	7	8	9	9	12	6	9	93
<b>Total</b>	<b>31</b>	<b>32</b>	<b>52</b>	<b>21</b>	<b>21</b>	<b>21</b>	<b>23</b>	<b>26</b>	<b>19</b>	<b>21</b>	<b>266</b>
Level of Electrification	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	
<b>Barangay Level (%)</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	
No of Barangays Electrified (On-Grid)	251	251	251	251	251	251	251	251	251	251	
No. of Barangays Electrified (Off-Grid)											
<b>Total</b>	<b>251</b>	<b>251</b>	<b>251</b>	<b>251</b>	<b>251</b>	<b>251</b>	<b>251</b>	<b>251</b>	<b>251</b>	<b>251</b>	
<b>Household Level (%)</b>	<b>64%</b>	<b>66%</b>	<b>67%</b>	<b>69%</b>	<b>70%</b>	<b>71%</b>	<b>71%</b>	<b>71%</b>	<b>71%</b>	<b>71%</b>	
No. of Households Electrified (On-Grid)	35,287	37,052	38,534	40,075	41,678	42,928	44,216	45,101	46,003	46,923	
No. of Households Electrified (Off-Grid)											
<b>Total</b>	<b>35,287</b>	<b>37,052</b>	<b>38,534</b>	<b>40,075</b>	<b>41,678</b>	<b>42,928</b>	<b>44,216</b>	<b>45,101</b>	<b>46,003</b>	<b>46,923</b>	

Franchise Coverage:

There are 8 municipalities coverage of SORECO I: (Magallanes, Casiguran, Bulan, Matnog, Irosin, Juban, Sta. Magdalena, and Bulusan)

## Camarines Sur IV Electric Cooperative, Inc. (CASURECO IV)

General Information	
Location	Talojongon Tigaon Camarines Sur
Contact Person	Atty. Veronica T. Briones
Position	General Manager
Tel. No:	(054) 452-3085
Fax No:	(054) 452-3085
E-mail Address	cs4ec77@yahoo.com
Coverage Area	
No. of barangays	258
Franchise Population	



**SUPPLY HIGHLIGHTS**

Upgrading of existing two units of 5 MVA substations, one in Lagonoy and the other in Tigaon will be undertaken in 2008. Construction of 5MVA at San Jose St., Goa is planned to be implemented in 2009. CASURECO IV will continue to acquire 95% of its power from NPC.

No. of Customers	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	AAGR
Residential	26,547	28,500	30,073	31,867	33,404	35,017	36,711	38,490	40,358	40,750	5%
Commercial	1,557	1,656	1,700	1,742	1,784	1,827	1,871	1,916	1,962	1,981	3%
Industrial	43	43	43	43	43	43	43	43	43	43	0%
Others	734	735	736	736	736	736	737	737	737	729	0.1%
<b>Total</b>	<b>28,880</b>	<b>30,934</b>	<b>32,551</b>	<b>34,388</b>	<b>35,967</b>	<b>37,623</b>	<b>39,362</b>	<b>41,186</b>	<b>43,100</b>	<b>43,504</b>	<b>4%</b>
Energy Sales per Customer Type (MWh)	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	AAGR
Residential	16,687	18,928	21,739	25,061	28,918	33,390	38,566	44,551	51,472	52,148	12%
Commercial	3,491	3,736	4,014	4,318	4,644	4,997	5,376	5,786	6,226	6,297	6%
Industrial	769	981	1,247	1,585	2,014	2,559	3,250	4,128	5,244	5,287	22%
Others	2,062	2,204	2,340	2,480	2,627	2,782	2,946	3,120	3,303	3,271	5%
<b>Total</b>	<b>23,009</b>	<b>25,847</b>	<b>29,340</b>	<b>33,444</b>	<b>38,204</b>	<b>43,728</b>	<b>50,139</b>	<b>57,585</b>	<b>66,245</b>	<b>67,002</b>	<b>12%</b>
Projected Infrastructure Requirements	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	TOTAL
Distribution/Sub-transmission Facilities		25	21	14							60
Expansion(ckt-km)		25	13								38
Rehabilitation(ckt-km)			8	14							22
Substation Capacity (MVA)		5									5
Reactive Power Compensation Plan (MVar)											
Capital Investment Requirements(in Million Php)	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	TOTAL
Distribution/Sub-transmission Facilities	22	16	8	6							53
Expansion		16	5								21
Rehabilitation	22		3	6							32
Substation Projects	4	18									22
Electrification Projects	3	15	13	8	6	9	6	9	7	5	81
<b>Total</b>	<b>30</b>	<b>49</b>	<b>21</b>	<b>14</b>	<b>6</b>	<b>9</b>	<b>6</b>	<b>9</b>	<b>7</b>	<b>5</b>	<b>156</b>
Level of Electrification	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	
<b>Barangay Level (%)</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	
No of Barangays Electrified (On-Grid)	239	239	239	239	239	239	239	239	239	239	
No. of Barangays Electrified (Off-Grid)	19	19	19	19	19	19	19	19	19	19	
<b>Total</b>	<b>258</b>	<b>258</b>	<b>258</b>	<b>258</b>	<b>258</b>	<b>258</b>	<b>258</b>	<b>258</b>	<b>258</b>	<b>258</b>	
<b>Household Level (%)</b>	<b>46%</b>	<b>48%</b>	<b>51%</b>	<b>53%</b>	<b>56%</b>	<b>58%</b>	<b>61%</b>	<b>64%</b>	<b>67%</b>	<b>68%</b>	
No. of Households Electrified (On-Grid)	26,547	27,874	29,268	30,731	32,268	33,881	35,575	37,354	39,222	39,614	
No. of Households Electrified (Off-Grid)											
<b>Total</b>	<b>26,547</b>	<b>27,874</b>	<b>29,268</b>	<b>30,731</b>	<b>32,268</b>	<b>33,881</b>	<b>35,575</b>	<b>37,354</b>	<b>39,222</b>	<b>39,614</b>	

Franchise Coverage:

Ocampo, Tigaon, Sangay, Goa, San Jose, Lagonoy, Presentacion, Caramoan, Garchitorena, and North Lagonoy.

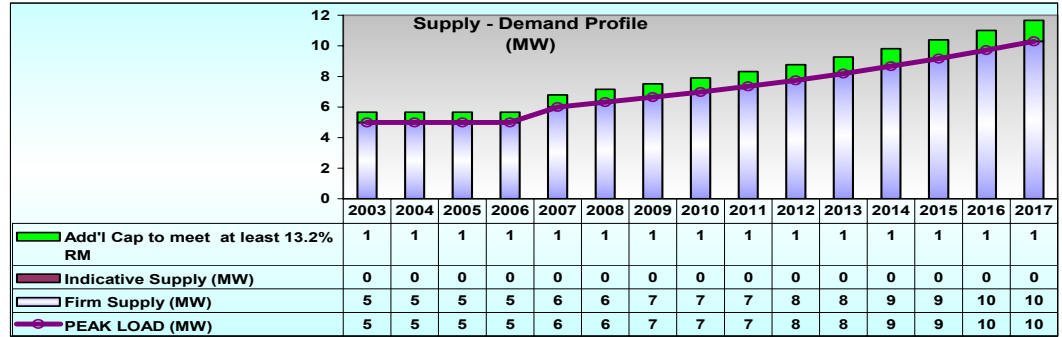


## First Catanduanes Electric Cooperative, Inc. (FICELCO)

General Information	
Location	Marinawa, Bato, Catanduanes
Contact Person	Carlos T. Gianan III
Position	General Manager
Tel. No:	(052) 811-3166
Fax No:	
E-mail Address	
Coverage Area	
No. of barangays	315
Franchise Population	

### SUPPLY HIGHLIGHTS

FICELCO has already energized 100% of its barangays within its franchise and has an existing Supply Contract with NPC that will end in 2017.



No. of Customers	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	AAGR
Residential	32,750	34,446	36,181	37,958	39,778	41,087	42,441	43,842	45,293	46,794	4%
Commercial	1,769	1,799	1,833	1,868	1,904	1,948	1,992	2,038	2,089	2,141	2%
Industrial											
Others	1,132	1,134	1,136	1,136	1,136	1,136	1,137	1,138	1,139	1,139	0.2%
<b>Total</b>	<b>35,651</b>	<b>37,379</b>	<b>39,151</b>	<b>40,963</b>	<b>42,818</b>	<b>44,171</b>	<b>45,570</b>	<b>47,018</b>	<b>48,521</b>	<b>50,075</b>	<b>4%</b>
Energy Sales per Customer Type (MWh)	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	AAGR
Residential	18,537	19,946	21,494	23,200	25,040	27,085	29,298	31,692	34,282	37,084	8%
Commercial	5,355	5,493	5,655	5,822	6,004	6,237	6,480	6,734	7,031	7,342	3%
Industrial											
Others	3,489	3,545	3,608	3,673	3,740	3,808	3,870	3,937	4,005	4,078	3%
<b>Total</b>	<b>27,381</b>	<b>28,984</b>	<b>30,757</b>	<b>32,695</b>	<b>34,784</b>	<b>37,130</b>	<b>39,648</b>	<b>42,363</b>	<b>45,318</b>	<b>48,504</b>	<b>7%</b>
Projected Infrastructure Requirements	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	TOTAL
Distribution/Sub-transmission Facilities											
Expansion(ckt-km)											
Rehabilitation(ckt-km)											
Substation Capacity (MVA)											
Reactive Power Compensation Plan (MVAr)											
Capital Investment Requirements(in Million PhP)	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	TOTAL
Distribution/Sub-transmission Facilities	13	5	4	2	1						26
Expansion											
Rehabilitation	13	5	4	2	1						26
Substation Projects											
Electrification Projects	9	9	9	9	8	8	9	8	9	9	87
<b>Total</b>	<b>22</b>	<b>15</b>	<b>12</b>	<b>11</b>	<b>10</b>	<b>8</b>	<b>9</b>	<b>8</b>	<b>9</b>	<b>9</b>	<b>113</b>
Level of Electrification	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	
<b>Barangay Level (%)</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	
No of Barangays Electrified (On-Grid)	315	315	315	315	315	315	315	315	315	315	
No. of Barangays Electrified (Off-Grid)											
<b>Total</b>	<b>315</b>	<b>315</b>	<b>315</b>	<b>315</b>	<b>315</b>	<b>315</b>	<b>315</b>	<b>315</b>	<b>315</b>	<b>315</b>	
<b>Household Level (%)</b>	<b>77%</b>	<b>78%</b>	<b>78%</b>	<b>79%</b>	<b>79%</b>	<b>79%</b>	<b>80%</b>	<b>80%</b>	<b>81%</b>	<b>81%</b>	
No. of Households Electrified (On-Grid)	32,577	33,717	34,897	36,118	37,382	38,691	40,045	41,447	42,897	44,399	
No. of Households Electrified (Off-Grid)											
<b>Total</b>	<b>32,577</b>	<b>33,717</b>	<b>34,897</b>	<b>36,118</b>	<b>37,382</b>	<b>38,691</b>	<b>40,045</b>	<b>41,447</b>	<b>42,897</b>	<b>44,399</b>	

Franchise Coverage:

Bagamanoc, Panganiban. Baras, Bato, San Miguel, Viga, Gigmoto, San Andres, Caramoran, Pandan, and Virac.

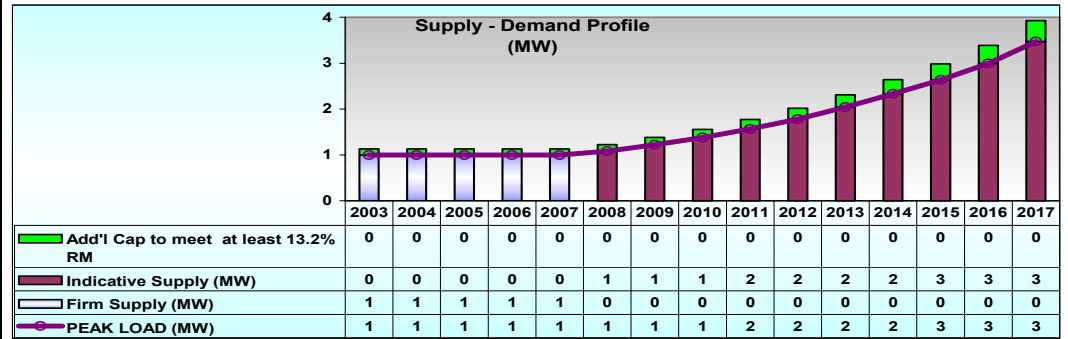


## Ticao Island Electric Cooperative, Inc. (TISELCO)

General Information	
Location	Letada Street, San Jacinto, Masbate
Contact Person	Edgar G. Barrun
Position	General Manager
Tel. No:	
Fax No:	
E-mail Address	
Coverage Area	
No. of barangays	72
Franchise Population	

### SUPPLY HIGHLIGHTS

TISELCO does not have any existing Supply Contract with NPC. The coop continues operating on a 12-hour basis.



No. of Customers	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	AAGR
Residential	4,666	5,137	5,625	6,129	6,651	7,246	7,656	8,094	8,631	9,210	8%
Commercial	290	300	311	321	331	342	343	351	353	354	3%
Industrial											
Others	110	129	149	169	189	208	209	211	211	212	11%
<b>Total</b>	<b>5,066</b>	<b>5,567</b>	<b>6,085</b>	<b>6,619</b>	<b>7,171</b>	<b>7,796</b>	<b>8,208</b>	<b>8,656</b>	<b>9,195</b>	<b>9,776</b>	<b>8%</b>
Energy Sales per Customer Type (MWh)	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	AAGR
Residential	2,753	3,077	3,444	3,894	4,406	5,024	5,707	6,550	7,581	8,783	13%
Commercial	529	636	766	921	1,109	1,334	1,603	1,962	2,361	2,842	21%
Industrial											
Others	214	246	282	326	377	434	491	559	633	717	15%
<b>Total</b>	<b>3,496</b>	<b>3,960</b>	<b>4,492</b>	<b>5,141</b>	<b>5,892</b>	<b>6,792</b>	<b>7,801</b>	<b>9,072</b>	<b>10,574</b>	<b>12,341</b>	<b>15%</b>
Projected Infrastructure Requirements	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	TOTAL
Distribution/Sub-transmission Facilities	60										60
Expansion(ckt-km)	60										60
Rehabilitation(ckt-km)											
Substation Capacity (MVA)											
Reactive Power Compensation Plan (MVAr)											
Capital Investment Requirements(in Million PhP)	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	TOTAL
Distribution/Sub-transmission Facilities	25										25
Expansion	25										25
Rehabilitation											
Substation Projects											
Electrification Projects	2	2	1	1	1	1	1	1	5	4	20
<b>Total</b>	<b>27</b>	<b>2</b>	<b>1</b>	<b>1</b>	<b>1</b>	<b>1</b>	<b>1</b>	<b>1</b>	<b>5</b>	<b>4</b>	<b>45</b>
Level of Electrification	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	
<b>Barangay Level (%)</b>	<b>83%</b>	<b>92%</b>	<b>92%</b>	<b>92%</b>	<b>92%</b>	<b>92%</b>	<b>92%</b>	<b>92%</b>	<b>92%</b>	<b>92%</b>	
No of Barangays Electrified (On-Grid)	20	20	20	20	20	20	20	20	20	20	
No. of Barangays Electrified (Off-Grid)	35	35	35	35	46	46	46	46	46	46	
<b>Total</b>	<b>55</b>	<b>55</b>	<b>55</b>	<b>55</b>	<b>66</b>	<b>66</b>	<b>66</b>	<b>66</b>	<b>66</b>	<b>66</b>	
<b>Household Level (%)</b>	<b>25%</b>	<b>27%</b>	<b>28%</b>	<b>30%</b>	<b>31%</b>	<b>33%</b>	<b>35%</b>	<b>37%</b>	<b>40%</b>	<b>43%</b>	
No. of Households Electrified (On-Grid)	4,337	4,597	4,872	5,165	5,475	5,858	6,268	6,707	7,243	7,823	
No. of Households Electrified (Off-Grid)											
<b>Total</b>	<b>4,337</b>	<b>4,597</b>	<b>4,872</b>	<b>5,165</b>	<b>5,475</b>	<b>5,858</b>	<b>6,268</b>	<b>6,707</b>	<b>7,243</b>	<b>7,823</b>	

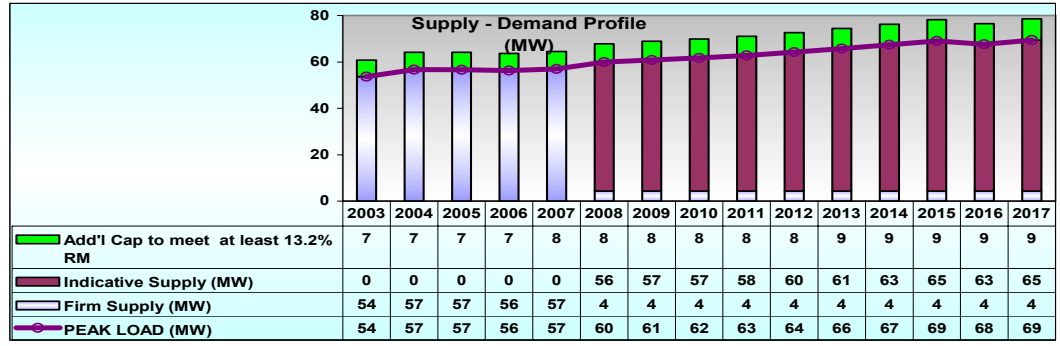
Franchise Coverage:

TISELCO covers four municipalities of Ticao, namely; San Jacinto, San Fernando, Monreal & Batuan. It is composed of 72 Barangays.

**CORDILLERA  
ADMINISTRATIVE REGION (CAR)  
ELECTRIC COOPERATIVES**

## Benguet Electric Cooperative, Inc. (BENECO)

General Information	
Location	Alapang, La Trinidad, Benguet
Contact Person	Gerardo P. Verzosa
Position	General Manager
Tel. No:	(074) 422-5671 to 73
Fax No:	(074) 443-9601
E-mail Address	beneco_ph@yahoo.com
Coverage Area	
No. of barangays	268
Franchise Population	
SUPPLY HIGHLIGHTS	



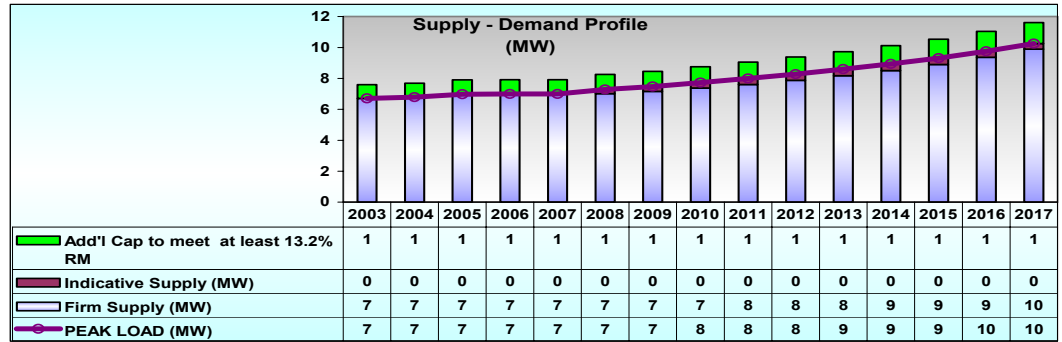
No. of Customers	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	AAGR
Residential	119,330	124,963	130,435	136,039	142,409	147,983	153,776	159,797	166,054	172,557	4%
Commercial	9,835	9,935	10,036	10,138	10,241	10,343	10,446	10,550	10,656	10,762	1%
Industrial	30	31	33	34	35	35	36	36	36	36	5%
Others	1,767	1,771	1,776	1,781	1,786	1,792	1,798	1,804	1,810	1,817	1%
<b>Total</b>	<b>130,962</b>	<b>136,700</b>	<b>142,279</b>	<b>147,991</b>	<b>154,470</b>	<b>160,153</b>	<b>166,056</b>	<b>172,187</b>	<b>178,556</b>	<b>185,173</b>	<b>4%</b>
Energy Sales per Customer Type (MWh)	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	AAGR
Residential	129,333	133,357	137,548	141,941	146,567	151,318	156,269	161,440	166,817	172,437	3%
Commercial	93,150	94,557	95,988	97,443	98,920	100,421	101,947	103,499	105,077	106,682	2%
Industrial	3,136	3,202	3,274	3,325	3,376	3,417	3,459	3,501	3,544	3,588	2%
Others	42,676	43,326	44,011	44,735	45,502	46,315	47,180	48,102	49,087	50,143	2%
<b>Total</b>	<b>268,295</b>	<b>274,442</b>	<b>280,821</b>	<b>287,444</b>	<b>294,365</b>	<b>301,471</b>	<b>308,855</b>	<b>316,543</b>	<b>324,526</b>	<b>332,849</b>	<b>2%</b>
Projected Infrastructure Requirements	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	TOTAL
Distribution/Sub-transmission Facilities	409	121	73	90	142	35	70				941
<i>Expansion(ckt-km)</i>	145	91	41	46	73	14					410
<i>Rehabilitation(ckt-km)</i>	264	30	32	44	69	21	70				530
Substation Capacity (MVA)	15					38					53
Reactive Power Compensation Plan (MVAr)	15										
Capital Investment Requirements(In Million Php)	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	TOTAL
Distribution/Sub-transmission Facilities	98	83	69	85	157	51	91				634
<i>Expansion</i>	35	62	39	43	81	20					281
<i>Rehabilitation</i>	63	21	30	42	76	31	91				353
Substation Projects	7					37					44
Electrification Projects	68	60	56	27	30	31	32	33	34	35	405
<b>Total</b>	<b>174</b>	<b>143</b>	<b>125</b>	<b>112</b>	<b>187</b>	<b>119</b>	<b>123</b>	<b>33</b>	<b>34</b>	<b>35</b>	<b>1,084</b>
Level of Electrification	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	
<b>Barangay Level (%)</b>	<b>99%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	
No. of Barangays Electrified (On-Grid)	267	268	268	268	268	268	268	268	268	268	
No. of Barangays Electrified (Off-Grid)											
<b>Total</b>	<b>267</b>	<b>268</b>	<b>268</b>	<b>268</b>	<b>268</b>	<b>268</b>	<b>268</b>	<b>268</b>	<b>268</b>	<b>268</b>	
<b>Household Level (%)</b>	<b>88%</b>	<b>89%</b>	<b>90%</b>	<b>92%</b>	<b>93%</b>	<b>95%</b>	<b>96%</b>	<b>97%</b>	<b>99%</b>	<b>100%</b>	
No. of Households Electrified (On-Grid)	116,815	121,487	126,347	131,401	136,657	142,123	147,808	153,720	159,869	166,264	
No. of Households Electrified (Off-Grid)											
<b>Total</b>	<b>116,815</b>	<b>121,487</b>	<b>126,347</b>	<b>131,401</b>	<b>136,657</b>	<b>142,123</b>	<b>147,808</b>	<b>153,720</b>	<b>159,869</b>	<b>166,264</b>	

Franchise Coverage:

1 City (Baguio) and 13 Municipalities (Atok, Bakun, Bokod, Buguias, Itogon, Kabayan, Kapangan, Kibungan, Mankayan, Sablan, Tuba, Tublay, and La Trinidad)

## Abra Electric Cooperative, Inc. (ABRECO)

General Information	
Location	Barangay Calaba Banqued, Abra
Contact Person	Mr. Loreto P. Seares, Jr.
Position	General Manager
Tel. No:	(074) 752-8086/8628
Fax No:	(074) 752-8628
E-mail Address	abreco_abra@yahoo.com
Coverage Area	3,978 sq.km.
No. of barangays	303
Franchise Population	



**SUPPLY HIGHLIGHTS**

Transition Supply Contract has entered into upon between ABRECO and NPC for a period of three (3) years from June 26, 2005 to December 25, 2008.

No. of Customers	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	AAGR
Residential	30,323	31,243	32,173	33,132	34,133	35,132	36,177	37,254	38,363	39,506	3%
Commercial	1,350	1,411	1,474	1,541	1,610	1,683	1,758	1,837	1,920	2,006	4%
Industrial	150	155	160	164	169	174	180	185	190	196	3%
Others	1,117	1,119	1,122	1,124	1,126	1,128	1,130	1,132	1,134	1,136	1%
<b>Total</b>	<b>32,940</b>	<b>33,928</b>	<b>34,929</b>	<b>35,961</b>	<b>37,038</b>	<b>38,117</b>	<b>39,245</b>	<b>40,408</b>	<b>41,607</b>	<b>42,844</b>	<b>3%</b>
Energy Sales per Customer Type (MWh)	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	AAGR
Residential	19,465	19,959	20,470	20,998	21,545	22,111	22,697	23,303	23,931	24,581	3%
Commercial	2,940	2,997	3,056	3,117	3,181	3,247	3,316	3,387	3,461	3,539	2%
Industrial	2,379	2,753	3,186	3,687	4,268	4,942	5,722	6,627	7,676	8,893	16%
Others	3,643	3,804	4,007	4,161	4,346	4,536	4,718	4,925	5,159	5,427	7%
<b>Total</b>	<b>28,427</b>	<b>29,513</b>	<b>30,719</b>	<b>31,963</b>	<b>33,340</b>	<b>34,836</b>	<b>36,453</b>	<b>38,242</b>	<b>40,227</b>	<b>42,440</b>	<b>5%</b>
Projected Infrastructure Requirements	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	TOTAL
Distribution/Sub-transmission Facilities	19	22	8	7	12	3	5	4	2	3	86
Expansion(ckt-km)	17	3	3	2	4	2	4	2	1	2	40
Rehabilitation(ckt-km)	2	19	6	5	9	1	1	2	1	2	47
Substation Capacity (MVA)	5										5
Reactive Power Compensation Plan (MVAr)	0.2	0.2	0.2	0.2							1
Capital Investment Requirements(in Million PhP)	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	TOTAL
Distribution/Sub-transmission Facilities	51	8	8	8	9	6	7	6	6	5	115
Expansion	46	1	3	3	3	5	5	3	3	3	74
Rehabilitation	5	7	6	5	6	2	2	3	2	3	41
Substation Projects	6	6									12
Electrification Projects	7	7	9	5	6	5	5	5	5	5	57
<b>Total</b>	<b>64</b>	<b>22</b>	<b>17</b>	<b>13</b>	<b>15</b>	<b>11</b>	<b>12</b>	<b>11</b>	<b>10</b>	<b>10</b>	<b>184</b>
Level of Electrification	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	
<b>Barangay Level (%)</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	
No. of Barangays Electrified (On-Grid)	267	267	267	267	267	267	267	267	267	267	
No. of Barangays Electrified (Off-Grid)	36	36	36	36	36	36	36	36	36	36	
<b>Total</b>	<b>303</b>	<b>303</b>	<b>303</b>	<b>303</b>	<b>303</b>	<b>303</b>	<b>303</b>	<b>303</b>	<b>303</b>	<b>267</b>	
<b>Household Level (%)</b>	<b>66%</b>	<b>66%</b>	<b>67%</b>	<b>68%</b>	<b>68%</b>	<b>69%</b>	<b>70%</b>	<b>71%</b>	<b>71%</b>	<b>72%</b>	
No. of Households Electrified (On-Grid)	30,296	31,205	32,141	33,106	34,099	35,122	36,176	37,261	38,379	39,530	
No. of Households Electrified (Off-Grid)											
<b>Total</b>	<b>30,296</b>	<b>31,205</b>	<b>32,141</b>	<b>33,106</b>	<b>34,099</b>	<b>35,122</b>	<b>36,176</b>	<b>37,261</b>	<b>38,379</b>	<b>39,530</b>	

Franchise Coverage:

27 Municipalities ( Bangued, Bucay, Bucloc, Daguioman, Danglas, Dolores, La paz, Lacub, Lagangilang, Iagayan, Langiden, Licuan-Baay, Luba, Malibcong, Manabo, Penarrubia, Pigidan, Pilar, Sal-lapadan, San Isidro, San Juan, San Quintin, Tayum, Tineg, Tubo, and Villaviciosa)



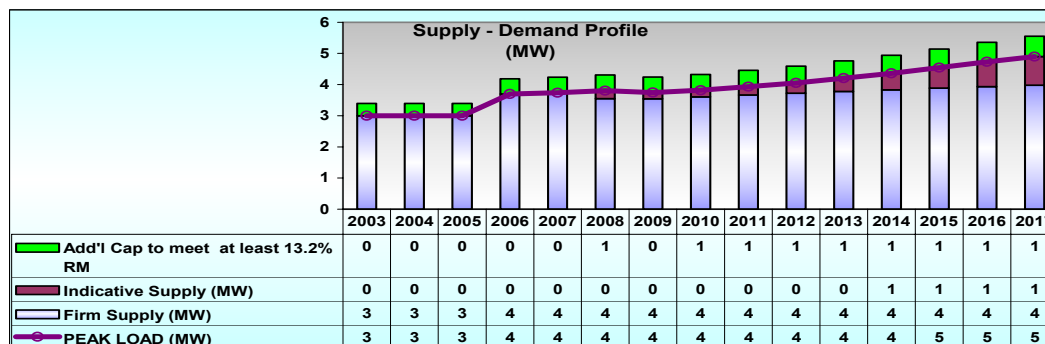


## Kalinga-Apayao Electric Cooperative, Inc. (KAELCO)

General Information	
Location	P5, Bulanao, Tabuk City, Kalinga
Contact Person	Corazon D. Tomas
Position	General Manager
Tel. No:	
Fax No:	
E-mail Address	kaelco_dgp@yahoo.com
Coverage Area	5,694 sq.km.
No. of barangays	175
Franchise Population	

### SUPPLY HIGHLIGHTS

KAELCO intends to decommission the 5-MVA substation in Bulanao and install a new 10-MVA in the same location. To address the EC's deteriorating distribution lines and equipment, the EC plans to rehab/revamp at least 1.30 kms. of dilapidated primary and secondary lines towards the municipality of Tanudan. The technical group likewise recommended the reconducting of more or less 11 kms of distribution lines to improve service reliability and reduced system loss by 0.20%.



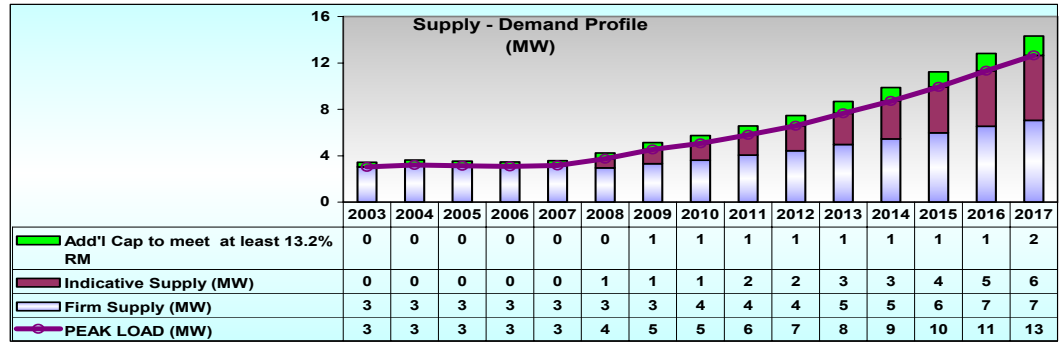
No. of Customers	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	AAGR
Residential	21,737	23,392	24,907	26,261	27,593	28,979	30,396	31,847	33,331	34,851	5%
Commercial	507	520	533	548	564	581	600	620	641	665	3%
Industrial	41	42	42	42	43	43	43	43	44	44	1%
Others	678	681	685	689	692	696	699	702	706	709	1%
<b>Total</b>	<b>22,963</b>	<b>24,635</b>	<b>26,168</b>	<b>27,540</b>	<b>28,891</b>	<b>30,298</b>	<b>31,738</b>	<b>33,212</b>	<b>34,722</b>	<b>36,269</b>	<b>5%</b>
Energy Sales per Customer Type (MWh)	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	AAGR
Residential	9,660	10,046	10,481	10,974	11,497	12,058	12,662	13,315	14,021	14,540	5%
Commercial	1,446	1,501	1,562	1,632	1,709	1,795	1,890	1,996	2,115	2,247	5%
Industrial	1,419	1,578	1,757	1,960	2,190	2,450	2,744	3,078	3,457	3,883	12%
Others	1,531	1,548	1,566	1,587	1,610	1,636	1,664	1,696	1,732	1,772	2%
<b>Total</b>	<b>14,056</b>	<b>14,672</b>	<b>15,366</b>	<b>16,154</b>	<b>17,006</b>	<b>17,938</b>	<b>18,961</b>	<b>20,086</b>	<b>21,325</b>	<b>22,441</b>	<b>5%</b>
Projected Infrastructure Requirements	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	TOTAL
Distribution/Sub-transmission Facilities	43	26	45	19	11	22	21				187
<i>Expansion(ckt-km)</i>	42	18	33	2							94
<i>Rehabilitation(ckt-km)</i>	1	8	12	17	11	22	21				92
Substation Capacity (MVA)	10										10
Reactive Power Compensation Plan (MVA <sub>r</sub> )											
Capital Investment Requirements(in Million PhP)	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	TOTAL
Distribution/Sub-transmission Facilities	44	27	27	11	9	6	6				130
<i>Expansion</i>	43	19	20	1							83
<i>Rehabilitation</i>	1	8	8	10	9	6	6				48
Substation Projects	32										32
Electrification Projects	18	15	10	11	12	13	15	17	18	20	148
<b>Total</b>	<b>94</b>	<b>42</b>	<b>37</b>	<b>22</b>	<b>22</b>	<b>19</b>	<b>20</b>	<b>17</b>	<b>18</b>	<b>20</b>	<b>311</b>
Level of Electrification	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	
<b>Barangay Level (%)</b>	<b>81%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	
No of Barangays Electrified (On-Grid)	136	136	136	136	136	136	136	136	136	136	
No. of Barangays Electrified (Off-Grid)	75	85	85	85	85	85	85	85	85	85	
<b>Total</b>	<b>211</b>	<b>221</b>	<b>221</b>	<b>221</b>	<b>221</b>	<b>221</b>	<b>221</b>	<b>221</b>	<b>221</b>	<b>221</b>	
<b>Household Level (%)</b>	<b>43%</b>	<b>44%</b>	<b>44%</b>	<b>45%</b>	<b>45%</b>	<b>45%</b>	<b>46%</b>	<b>46%</b>	<b>47%</b>	<b>47%</b>	
No. of Households Electrified (On-Grid)	21,324	22,092	22,887	23,711	24,564	25,449	26,365	27,314	28,297	29,316	
No. of Households Electrified (Off-Grid)											
<b>Total</b>	<b>21,324</b>	<b>22,092</b>	<b>22,887</b>	<b>23,711</b>	<b>24,564</b>	<b>25,449</b>	<b>26,365</b>	<b>27,314</b>	<b>28,297</b>	<b>29,316</b>	

Franchise Coverage:

Municipalities of Rizal, Pinukpuk, Lubuagan, Tinglayan, Pasil, Balbalan, Calanasan, Conner, Tanudan, and Kabugao.

## Mountain Province Electric Cooperative, Inc. (MOPRECO)

General Information	
Location	Bontoc, Mountain Province
Contact Person	Jude A. Domoquen
Position	General Manager
Tel. No:	074-602-1054
Fax No:	074-602-1054
E-mail Address	judomoquen@yahoo.com.ph
Coverage Area	12,000 sq.km.
No. of barangays	144
Franchise Population	
SUPPLY HIGHLIGHTS	
<p>The acquisition of the existing 69KV line will impact on the cost of the transmission charge after the line is fully paid. Also, the planned development of other sources of energy such as Mini-Hydro shall make it easier to transmit excess energy to other loads outside the province in the future.</p>	



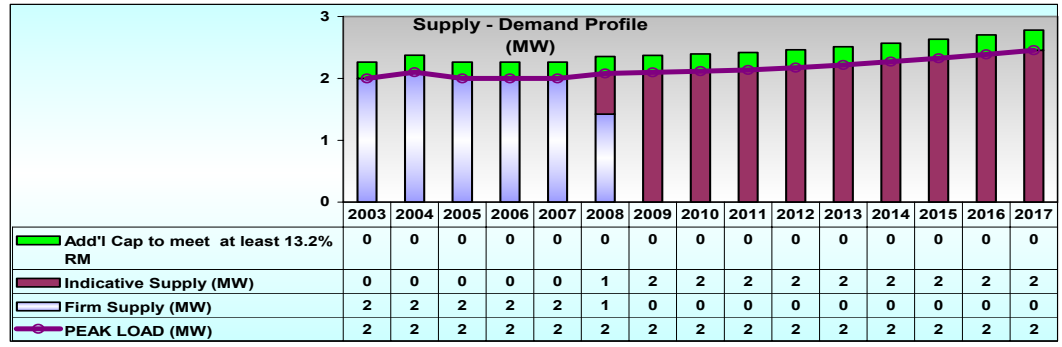
No. of Customers	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	AAGR
Residential	22,233	22,900	24,092	25,250	26,322	27,316	28,333	29,372	30,436	31,525	4%
Commercial	1,538	1,584	1,679	1,771	1,861	1,937	2,014	2,093	2,174	2,256	5%
Industrial											
Others	705	687	688	689	689	690	691	691	692	693	0.4%
<b>Total</b>	<b>24,476</b>	<b>25,171</b>	<b>26,458</b>	<b>27,710</b>	<b>28,873</b>	<b>29,943</b>	<b>31,038</b>	<b>32,157</b>	<b>33,302</b>	<b>34,473</b>	<b>4%</b>
Energy Sales per Customer Type (MWh)	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	AAGR
Residential	6,966	8,770	10,153	11,758	13,616	15,767	18,259	21,149	24,500	28,385	18%
Commercial	2,088	2,408	2,776	3,204	3,696	4,263	4,917	5,672	6,543	7,548	15%
Industrial											
Others	2,962	3,660	4,313	5,087	6,001	7,082	8,362	9,878	11,673	13,800	19%
<b>Total</b>	<b>12,016</b>	<b>14,837</b>	<b>17,243</b>	<b>20,048</b>	<b>23,313</b>	<b>27,112</b>	<b>31,539</b>	<b>36,699</b>	<b>42,716</b>	<b>49,733</b>	<b>17%</b>
Projected Infrastructure Requirements	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	TOTAL
Distribution/Sub-transmission Facilities	10	0.3	52	29	66	17	4	5	1	1	184
<i>Expansion(ckt-km)</i>			46	29	25	16	3	4			123
<i>Rehabilitation(ckt-km)</i>	10	0.3	6		40	1	1	1	1	1	61
Substation Capacity (MVA)			5							5	10
Reactive Power Compensation Plan (MVAr)	1	1	1	1	1	1	1	1	1		9
Capital Investment Requirements(in Million PhP)	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	TOTAL
Distribution/Sub-transmission Facilities	22	11	58	38	56	24	15	17	11	11	265
<i>Expansion</i>			51	38	22	23	12	13			160
<i>Rehabilitation</i>	22	11	7	0	34	1	4	3	11	11	106
Substation Projects			18	9		12			12	18	69
Electrification Projects	7	7	9	7	9	10	10	10	11	13	93
<b>Total</b>	<b>29</b>	<b>18</b>	<b>86</b>	<b>54</b>	<b>65</b>	<b>47</b>	<b>25</b>	<b>27</b>	<b>34</b>	<b>42</b>	<b>427</b>
Level of Electrification	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	
<b>Barangay Level (%)</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	
No. of Barangays Electrified (On-Grid)	141	141	141	141	141	141	141	141	141	141	
No. of Barangays Electrified (Off-Grid)	3	3	3	3	3	3	3	3	3	3	
<b>Total</b>	<b>144</b>	<b>144</b>	<b>144</b>	<b>144</b>	<b>144</b>	<b>144</b>	<b>144</b>	<b>144</b>	<b>144</b>	<b>144</b>	
<b>Household Level (%)</b>	<b>75%</b>	<b>75%</b>	<b>76%</b>	<b>76%</b>	<b>77%</b>	<b>77%</b>	<b>78%</b>	<b>78%</b>	<b>79%</b>	<b>79%</b>	
No. of Households Electrified (On-Grid)	22,233	22,900	23,587	24,294	25,023	25,774	26,547	27,343	28,164	29,009	
No. of Households Electrified (Off-Grid)											
<b>Total</b>	<b>22,233</b>	<b>22,900</b>	<b>23,587</b>	<b>24,294</b>	<b>25,023</b>	<b>25,774</b>	<b>26,547</b>	<b>27,343</b>	<b>28,164</b>	<b>29,009</b>	

Franchise Coverage:

10 Municipalities in Cordillera Region (Barlig, Bauko, Besao, Bontoc, Natonin, Paracelis, Sabangan, Sadanga, Sagada, and Tadian)

## Ifugao Electric Cooperative, Inc. (IFELCO)

General Information	
Location	Lagawe, Ifugao
Contact Person	Jaime Pe Benito, JR.
Position	General Manager
Tel. No:	(074)382- 2092
Fax No:	(074)382- 2092
E-mail Address	ifelco_light@yahoo.com.ph
Coverage Area	
No. of barangays	175
Franchise Population	
SUPPLY HIGHLIGHTS	
<p>The TSC with NPC will end on June 2008. IFELCO is planning to put up a 5 MVA substation in Alfonso Lista since the present source of power is in ISELCO</p> <p>1. IFELCO is making representations with SN ABOITIZ, the owner of Magat HPP, to include IFELCO as one among their direct purchases of power.</p>	



No. of Customers	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	AAGR
Residential	15,484	16,039	16,684	17,323	17,984	18,631	19,300	19,991	20,705	21,442	4%
Commercial	1,163	1,186	1,211	1,235	1,263	1,286	1,311	1,337	1,364	1,391	2%
Industrial	137	139	142	145	148	151	154	157	160	163	2%
Others	1,193	1,193	1,193	1,193	1,193	1,193	1,194	1,194	1,194	1,194	0.1%
<b>Total</b>	<b>17,976</b>	<b>18,558</b>	<b>19,230</b>	<b>19,897</b>	<b>20,588</b>	<b>21,261</b>	<b>21,959</b>	<b>22,679</b>	<b>23,423</b>	<b>24,191</b>	<b>3.5%</b>
Energy Sales per Customer Type (MWh)	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	AAGR
Residential	4,835	5,054	5,284	5,528	5,786	6,057	6,343	6,646	6,966	7,304	5%
Commercial	1,568	1,594	1,620	1,647	1,675	1,703	1,732	1,762	1,792	1,823	2%
Industrial	496	505	515	525	536	547	558	569	581	593	2%
Others	1,459	1,463	1,466	1,470	1,473	1,476	1,480	1,483	1,487	1,490	0.3%
<b>Total</b>	<b>8,358</b>	<b>8,615</b>	<b>8,885</b>	<b>9,170</b>	<b>9,469</b>	<b>9,783</b>	<b>10,113</b>	<b>10,460</b>	<b>10,826</b>	<b>11,210</b>	<b>3%</b>
Projected Infrastructure Requirements	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	TOTAL
Distribution/Sub-transmission Facilities	98	36	21	1	3	3	3	2	3		170
Expansion(ckt-km)	28	0	10	1	3	3	3	2	3		53
Rehabilitation(ckt-km)	70	36	10	1							117
Substation Capacity (MVA)	5	5									10
Reactive Power Compensation Plan (MVAr)											
Capital Investment Requirements(In Million Php)	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	TOTAL
Distribution/Sub-transmission Facilities	86	18	19	9	10	2	2	3	2		152
Expansion	25	0.1	9	6	10	2	2	3	2		60
Rehabilitation	61	18	10	4							92
Substation Projects	27	27									53
Electrification Projects	7	2	3	2	4	3	4	3	4	3	35
<b>Total</b>	<b>120</b>	<b>47</b>	<b>22</b>	<b>12</b>	<b>14</b>	<b>5</b>	<b>6</b>	<b>6</b>	<b>7</b>	<b>3</b>	<b>241</b>
Level of Electrification	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	
<b>Barangay Level (%)</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	
No. of Barangays Electrified (On-Grid)	155	155	155	155	155	155	155	155	155	155	
No. of Barangays Electrified (Off-Grid)	20	20	20	20	20	20	20	20	20	20	
<b>Total</b>	<b>175</b>	<b>175</b>	<b>175</b>	<b>175</b>	<b>175</b>	<b>175</b>	<b>175</b>	<b>175</b>	<b>175</b>	<b>175</b>	
<b>Household Level (%)</b>	<b>45%</b>	<b>45%</b>	<b>45%</b>	<b>46%</b>	<b>46%</b>	<b>46%</b>	<b>47%</b>	<b>47%</b>	<b>47%</b>	<b>48%</b>	
No. of Households Electrified (On-Grid)	15,217	15,749	16,300	16,871	17,461	18,073	18,705	19,360	20,037	20,739	
No. of Households Electrified (Off-Grid)											
<b>Total</b>	<b>15,217</b>	<b>15,749</b>	<b>16,300</b>	<b>16,871</b>	<b>17,461</b>	<b>18,073</b>	<b>18,705</b>	<b>19,360</b>	<b>20,037</b>	<b>20,739</b>	

**Franchise Coverage:**

The franchise area is the lone province of Ifugao which is comprised of eleven(11) municipalities; namely, Lagawe, Banaue, Hungduan, Mayoyao, Alfonso lista, Lamut, Kiangan, Asipulo, Tinoc, Hingyon and Asipulo.



Table 3. Visayas DUs Peak Demand (MW), 2007-2017

	PIOU / LGUOU	Location	PEAK DEMAND (MW)										
			ACTUAL	PROJECTION									
				2007	2008	2009	2010	2011	2012	2013	2014	2015	2016
1	VECO	Region 7	312.5	334.0	352.9	366.0	376.5	391.0	405.5	420.0	434.5	449.0	463.8
2	PECO	Region 6	75.3	78.3	81.5	84.7	88.1	91.6	95.3	99.1	103.1	107.2	111.5
3	BLCI	Region 7	15.4	16.5	17.6	18.9	20.2	21.6	23.1	24.7	26.4	28.3	30.3
4	MECO	Region 7	42.3	44.6	47.9	51.7	55.5	59.9	62.7	65.8	69.0	72.4	75.9
5	Hilabaan Multi-Purpose Coop.*	Region 8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
6	Maripipi Multi-Purpose Coop.*	Region 8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Total Visayas PIOUS/LGUOUs			446	473	500	521	540	564	587	610	633	657	681
	Electric Cooperative	Location	PEAK DEMAND (MW)										
			ACTUAL	PROJECTION									
				2007	2008	2009	2010	2011	2012	2013	2014	2015	2016
1	CENECO	Region 6	107.3	109.2	112.7	116.5	121.0	125.8	130.8	136.1	141.6	147.5	153.7
2	NOCECO	Region 6	33.9	33.0	34.5	36.5	38.8	41.3	43.7	46.4	49.3	52.3	55.2
3	ILECO I	Region 6	30.0	30.3	32.1	34.0	36.1	38.4	40.3	43.1	46.1	49.3	52.7
4	CAPELCO	Region 6	30.0	30.7	32.1	33.3	35.2	37.6	39.8	42.1	44.7	47.3	50.2
5	AKELCO	Region 6	29.0	38.7	42.5	44.9	45.7	48.4	52.8	54.3	58.4	63.1	68.6
6	VRESCO	Region 6	26.0	27.0	27.7	28.5	29.4	30.5	31.7	33.0	34.4	35.9	37.3
7	ILECO II	Region 6	20.2	20.9	22.6	24.7	26.9	29.4	31.9	34.7	37.8	41.1	44.8
8	ILECO III	Region 6	12.5	12.9	13.7	14.6	15.5	16.3	17.2	18.1	19.1	20.0	20.9
9	ANTECO	Region 6	12.0	13.2	14.1	15.1	16.2	17.5	18.2	19.8	21.5	23.6	26.1
10	GUIMELCO	Region 6	6.0	6.1	6.3	6.4	6.7	6.7	6.8	7.0	7.2	7.4	7.6
Total Region 6			307	322	338	355	371	392	413	435	460	487	517
1	NORECO II	Region 7	38.0	38.8	40.2	42.0	44.0	45.5	47.9	50.9	53.2	56.6	60.3
2	CEBECO II	Region 7	31.8	37.0	40.0	41.3	42.8	44.2	45.6	46.9	48.4	49.8	51.4
3	CEBECO I	Region 7	22.0	23.5	24.9	25.7	26.5	26.4	27.4	28.4	29.5	30.7	32.0
4	CEBECO III	Region 7	22.0	25.6	28.8	31.8	35.0	36.7	37.3	38.0	38.7	39.4	40.2
5	BOHECO I	Region 7	20.0	21.4	23.0	24.7	26.4	28.4	30.6	33.1	36.0	39.2	42.9
6	BOHECO II	Region 7	14.0	14.1	14.6	16.0	17.2	18.8	21.3	24.2	27.3	31.0	35.2
7	NORECO I	Region 7	8.0	8.5	8.8	9.3	9.8	10.4	11.1	11.8	12.5	13.3	14.2
8	BANELCO	Region 7	3.3	3.3	3.5	3.7	4.0	4.5	5.0	5.5	6.2	7.0	8.0
9	PROSIELCO	Region 7	2.3	2.6	3.0	3.4	3.8	4.4	4.9	5.6	6.2	6.9	7.8
10	CELCO	Region 7	1.6	1.8	1.9	2.2	2.5	3.0	3.7	4.6	5.9	7.8	10.7
Total Region 7			163	177	189	200	212	222	235	249	264	282	303
1	LEYECO II	Region 8	25.8	25.5	27.1	28.9	30.6	32.5	34.4	36.4	38.5	40.7	43.1
2	LEYECO V	Region 8	22.8	22.5	23.2	23.9	24.7	25.5	26.2	27.0	27.8	28.6	29.4
3	SOLECO	Region 8	11.9	12.4	13.0	13.8	14.6	15.4	16.5	17.8	19.1	20.5	22.1
4	SAMELCO II	Region 8	9.0	9.5	10.0	10.6	11.0	11.8	12.3	12.9	13.5	14.3	15.0
5	ESAMELCO	Region 8	9.0	9.3	9.8	10.5	11.3	12.0	12.9	13.8	14.8	15.9	17.0
6	NORSAMELCO	Region 8	8.6	8.6	8.9	9.3	9.8	10.3	10.9	11.6	12.3	13.0	13.9
7	SAMELCO I	Region 8	8.6	9.3	9.6	10.3	10.7	11.4	12.2	13.1	14.1	15.1	16.1
8	LEYECO IV	Region 8	8.1	8.6	8.8	8.9	9.0	9.3	9.7	10.1	10.4	10.8	11.2
9	LEYECO III	Region 8	5.5	5.9	6.2	6.6	7.1	7.7	8.3	9.0	9.7	10.5	11.4
10	BILECO	Region 8	4.0	4.1	4.4	4.7	4.9	5.1	5.4	5.6	6.0	6.3	6.6
11	DORELCO **	Region 8	9.4	9.5	9.8	10.1	10.5	10.9	11.5	12.2	12.9	13.8	13.8
Total Region 8			123	125	131	138	144	152	161	169	179	190	199
Total Visayas ECs			592	624	658	692	728	766	809	853	903	959	1,019
TOTAL VISAYAS DUs			1,038	1,097	1,158	1,213	1,268	1,330	1,395	1,463	1,536	1,616	1,701

\*\* as per 2007 DDP

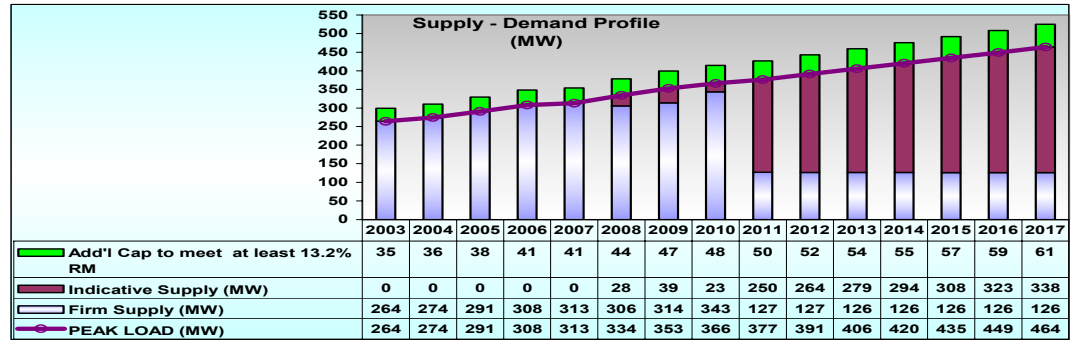
\* no 2008 DDP submission

**VISAYAS  
ONE-PAGE DDP  
SUMMARY**

**VISAYAS  
PRIVATE INVESTOR-OWNED  
UTILITIES**

## Visayan Electric Company, Inc. (VECO)

General Information	
Location	J. Panis Street, Banilad, Cebu City
Contact Person	Arlo A.G. Sarmiento
Position	AVP – Utility Economics
Tel. No:	(032) 230-8326
Fax No:	(032) 231-0580
E-mail Address	arlo.sarmiento@vivant.com.ph
Coverage Area	672 sq.km.
No. of barangays	232
Franchise Population	
SUPPLY HIGHLIGHTS	



No. of Customers	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	AAGR
Residential	259,642	264,676	269,711	274,746	279,781	284,815	289,850	294,885	299,919	304,954	2%
Commercial	36,209	38,698	41,186	43,675	46,164	48,653	51,141	53,630	56,119	58,607	5%
Industrial	1,125	1,166	1,207	1,248	1,289	1,330	1,370	1,411	1,452	1,493	3%
Others	133	136	140	144	147	151	155	158	162	166	2%
<b>Total</b>	<b>297,109</b>	<b>304,676</b>	<b>312,244</b>	<b>319,813</b>	<b>327,380</b>	<b>334,948</b>	<b>342,517</b>	<b>350,084</b>	<b>357,652</b>	<b>365,221</b>	<b>2%</b>
Energy Sales per Customer Type (MWh)	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	AAGR
Residential	581,181	598,138	624,259	650,379	676,499	702,619	728,739	754,860	781,052	807,177	4%
Commercial	349,114	359,301	374,991	390,681	406,372	422,062	437,752	453,443	469,177	484,870	4%
Industrial	842,958	867,554	905,439	943,325	981,210	1,019,095	1,056,981	1,094,866	1,132,857	1,170,749	4%
Others	21,293	21,914	22,871	23,828	24,785	25,742	26,699	27,656	28,615	29,573	3%
<b>Total</b>	<b>1,794,546</b>	<b>1,846,907</b>	<b>1,927,560</b>	<b>2,008,213</b>	<b>2,088,866</b>	<b>2,169,519</b>	<b>2,250,171</b>	<b>2,330,824</b>	<b>2,411,701</b>	<b>2,492,368</b>	<b>4%</b>
Projected Infrastructure Requirements	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	TOTAL
Distribution/Sub-transmission Facilities	233	323	211	215	215	211	211	211	211	211	2,254
Expansion(ckt-km)	192	282	170	174	174	170	170	170	170	170	1,842
Rehabilitation(ckt-km)	41	41	41	41	41	41	41	41	41	41	412
Substation Capacity (MVA)	200	40	250	50	50	25	25	25	25	25	715
Reactive Power Compensation Plan (MVAr)	4	5	5	5	5	5	6	6	6	6	53
Capital Investment Requirements(in Million PhP)	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	TOTAL
Distribution/Sub-transmission Facilities	290	307	318	327	339	352	365	377	390	402	3,466
Expansion	239	268	256	264	275	283	293	304	314	324	2,819
Rehabilitation	51	39	62	63	65	69	71	74	76	78	647
Substation Projects	390	413	428	440	457	474	491	508	525	542	4,668
Electrification Projects											
<b>Total</b>	<b>680</b>	<b>720</b>	<b>746</b>	<b>767</b>	<b>797</b>	<b>826</b>	<b>856</b>	<b>885</b>	<b>914</b>	<b>945</b>	<b>8,135</b>
Level of Electrification	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	
<b>Barangay Level (%)</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	
No. of Barangays Electrified (On-Grid)	232	232	232	232	232	232	232	232	232	232	
No. of Barangays Electrified (Off-Grid)											
<b>Total</b>	<b>232</b>	<b>232</b>	<b>232</b>	<b>232</b>	<b>232</b>	<b>232</b>	<b>232</b>	<b>232</b>	<b>232</b>	<b>232</b>	
<b>Household Level (%)</b>	<b>96%</b>	<b>98%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	
No. of Households Electrified (On-Grid)	259,642	264,676	269,711	274,746	279,781	284,815	289,850	294,885	299,919	304,954	
No. of Households Electrified (Off-Grid)											
<b>Total</b>	<b>259,642</b>	<b>264,676</b>	<b>269,711</b>	<b>274,746</b>	<b>279,781</b>	<b>284,815</b>	<b>289,850</b>	<b>294,885</b>	<b>299,919</b>	<b>304,954</b>	

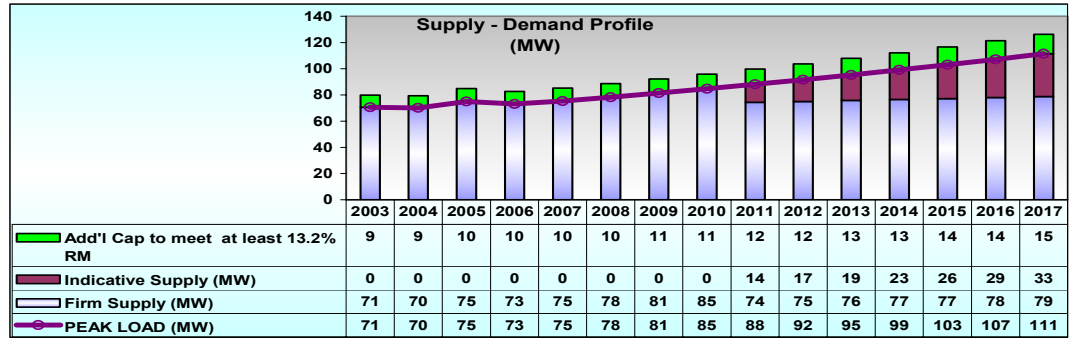
**Franchise Coverage:**

VECO's franchise area covers three (3) cities and six (6) municipalities which are all in the of Cebu. These are Cebu City, Mandaue City and Talisay City, and municipalities of Consolacion, Liloan, Minglanilla, Naga, and San Fernando.



## Panay Electric Company, Inc. (PECO)

General Information	
Location	12E Gen. Luna St., Iloilo City
Contact Person	Mr. Luis Miquel A. Cacho
Position	President and CEO
Tel. No:	(033) 337-3129
Fax No:	(033) 338-1275
E-mail Address	
Coverage Area	68,522 sq.km.
No. of barangays	180
Franchise Population	
SUPPLY HIGHLIGHTS	



No. of Customers	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	AAGR
Residential	49,492	50,104	50,717	51,330	51,943	52,555	53,168	53,781	54,393	55,006	1%
Commercial	2,672	2,629	2,586	2,544	2,501	2,458	2,416	2,373	2,330	2,287	-2%
Industrial	1,066	1,126	1,187	1,247	1,308	1,369	1,429	1,490	1,551	1,611	6%
Others	681	626	655	682	709	737	764	792	819	846	3%
<b>Total</b>	<b>53,911</b>	<b>54,485</b>	<b>55,145</b>	<b>55,803</b>	<b>56,461</b>	<b>57,119</b>	<b>57,777</b>	<b>58,436</b>	<b>59,093</b>	<b>59,750</b>	<b>1%</b>
Energy Sales per Customer Type (MWh)	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	AAGR
Residential	129,844	132,441	135,090	137,792	140,547	143,358	146,226	149,150	152,133	155,176	2%
Commercial	64,566	65,857	67,174	68,518	69,888	71,286	72,712	74,166	75,649	77,162	2%
Industrial	138,440	141,209	144,033	146,914	149,852	152,849	155,906	159,024	162,205	165,449	2%
Others	29,542	30,114	30,700	31,298	31,906	32,524	33,158	33,804	34,460	35,132	2%
<b>Total</b>	<b>362,392</b>	<b>369,621</b>	<b>376,997</b>	<b>384,522</b>	<b>392,193</b>	<b>400,017</b>	<b>408,002</b>	<b>416,144</b>	<b>424,447</b>	<b>432,919</b>	<b>2%</b>
Projected Infrastructure Requirements	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	TOTAL
Distribution/Sub-transmission Facilities	1	4	1	1	1	1	1	1	1	1	11
<i>Expansion(ckt-km)</i>	0.3	3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	5
<i>Rehabilitation(ckt-km)</i>	1	2	1	1	1	1	1	1	1	1	6
Substation Capacity (MVA)		50									50
Reactive Power Compensation Plan (MVar)											
Capital Investment Requirements(in Million Php)	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	TOTAL
Distribution/Sub-transmission Facilities	10	15	20	10	10	10	10	10	10	10	115
<i>Expansion</i>	3	10	7	3	3	3	3	3	3	3	43
<i>Rehabilitation</i>	7	5	13	7	7	7	7	7	7	7	72
Substation Projects	0.1	100	30	0.3	0.3	0.3	0.3	0.3	0.3	0.3	132
Electrification Projects	5	5	5	5	5	5	5	5	5	5	54
<b>Total</b>	<b>15</b>	<b>120</b>	<b>55</b>	<b>16</b>	<b>16</b>	<b>16</b>	<b>16</b>	<b>16</b>	<b>16</b>	<b>16</b>	<b>301</b>
Level of Electrification	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	
<b>Barangay Level (%)</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	
No of Barangays Electrified (On-Grid)	180	180	180	180	180	180	180	180	180	180	
No. of Barangays Electrified (Off-Grid)											
<b>Total</b>	<b>180</b>	<b>180</b>	<b>180</b>	<b>180</b>	<b>180</b>	<b>180</b>	<b>180</b>	<b>180</b>	<b>180</b>	<b>180</b>	
<b>Household Level (%)</b>	<b>96%</b>	<b>96%</b>	<b>96%</b>	<b>96%</b>	<b>96%</b>	<b>97%</b>	<b>97%</b>	<b>97%</b>	<b>97%</b>	<b>97%</b>	
No. of Households Electrified (On-Grid)	77,150	78,275	79,401	80,526	81,651	82,776	83,901	85,026	86,151	87,276	
No. of Households Electrified (Off-Grid)											
<b>Total</b>	<b>77,150</b>	<b>78,275</b>	<b>79,401</b>	<b>80,526</b>	<b>81,651</b>	<b>82,776</b>	<b>83,901</b>	<b>85,026</b>	<b>86,151</b>	<b>87,276</b>	

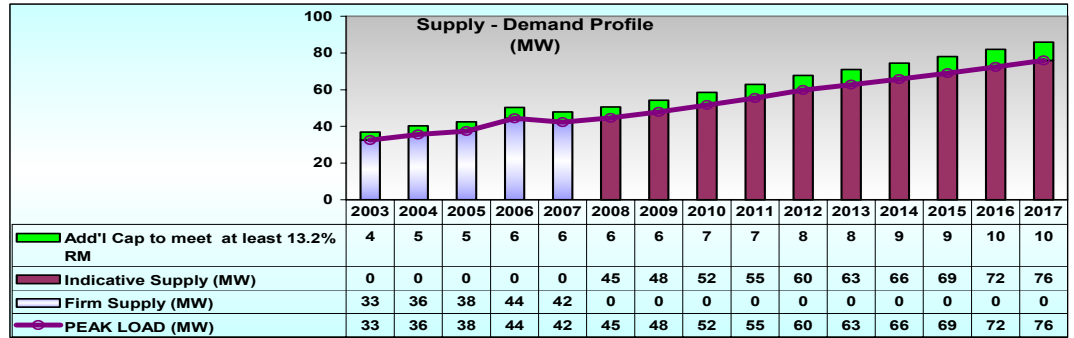
Franchise Coverage:

PECO covers the whole city of Iloilo City.

## Mactan Electric Company, Inc. (MECO)

General Information	
Location	Lapu-lapu City, Cebu
Contact Person	Engr. Gilbert A. Pagobo
Position	Vice President and General Manager
Tel. No:	(032) 340-8568
Fax No:	(032) 232-5340
E-mail Address	gap0602@yahoo.com
Coverage Area	73.216 sq.km.
No. of barangays	43
Franchise Population	

### SUPPLY HIGHLIGHTS



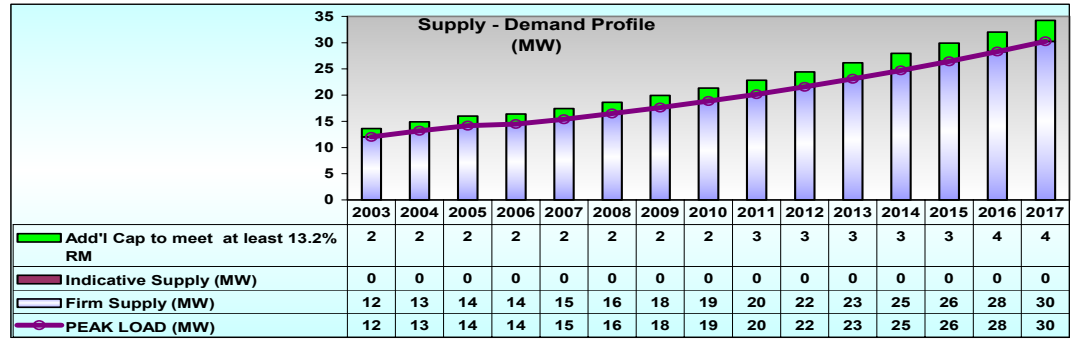
No. of Customers	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	AAGR
Residential	53,034	55,049	57,722	60,320	62,821	65,328	68,110	71,011	74,035	77,187	4%
Commercial	3,564	3,695	3,877	4,053	4,221	4,388	4,575	4,769	4,972	5,183	4%
Industrial	390	410	430	450	480	500	525	552	580	610	5%
Others	6	6	6	7	8	9	10	11	12	13	13%
<b>Total</b>	<b>56,994</b>	<b>59,160</b>	<b>62,035</b>	<b>64,830</b>	<b>67,530</b>	<b>70,225</b>	<b>73,220</b>	<b>76,342</b>	<b>79,598</b>	<b>82,993</b>	<b>4%</b>
Energy Sales per Customer Type (MWh)	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	AAGR
Residential	95,526	99,084	103,987	109,731	116,575	123,246	128,812	134,629	140,709	147,064	5%
Commercial	19,474	20,200	21,169	22,291	23,627	24,928	25,992	27,101	28,257	29,463	4%
Industrial	71,129	73,778	77,468	81,805	86,977	92,017	96,019	100,195	104,553	109,100	4%
Others	63,800	66,177	68,761	71,479	74,674	77,797	80,500	83,310	86,229	89,264	3%
<b>Total</b>	<b>249,929</b>	<b>259,238</b>	<b>271,386</b>	<b>285,306</b>	<b>301,853</b>	<b>317,989</b>	<b>331,324</b>	<b>345,235</b>	<b>359,749</b>	<b>374,891</b>	<b>4%</b>
Projected Infrastructure Requirements	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	TOTAL
Distribution/Sub-transmission Facilities	15	17	16	17	15	33	31	23	25	26	218
<i>Expansion(ckt-km)</i>	8	9	8	9	8	17	12	12	12	13	109
<i>Rehabilitation(ckt-km)</i>	8	8	7	8	7	15	19	12	12	13	110
Substation Capacity (MVA)	20						10				30
Reactive Power Compensation Plan (MVAR)											
Capital Investment Requirements(in Million Php)	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	TOTAL
Distribution/Sub-transmission Facilities											
<i>Expansion</i>											
<i>Rehabilitation</i>											
Substation Projects											
Electrification Projects											
<b>Total</b>											
Level of Electrification	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	
<b>Barangay Level (%)</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	
No. of Barangays Electrified (On-Grid)	31	31	31	31	31	31	31	31	31	31	
No. of Barangays Electrified (Off-Grid)	12	12	12	12	12	12	12	12	12	12	
<b>Total</b>	<b>43</b>	<b>43</b>	<b>43</b>	<b>43</b>	<b>43</b>	<b>43</b>	<b>43</b>	<b>43</b>	<b>43</b>	<b>43</b>	
<b>Household Level (%)</b>											
No. of Households Electrified (On-Grid)											
No. of Households Electrified (Off-Grid)											
<b>Total</b>											

#### Franchise Coverage:

Covers the main island of Mactan and several islets surrounding the area.

## Bohol Light Company, Inc. (BLCI)

General Information	
Location	R. Enerio St. Tagbilaran City
Contact Person	Eng'r. Noel L. Alingig
Position	General Manager
Tel. No:	(038) 411-3503 / 501-7762
Fax No:	(038) 501-9972
E-mail Address	nlalingig@bohollight.com
Coverage Area	33 sq.km.
No. of barangays	15
Franchise Population	
SUPPLY HIGHLIGHTS	



No. of Customers	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	AAGR
Residential	14,513	14,774	15,040	15,310	15,586	15,867	16,152	16,443	16,739	17,040	2%
Commercial	2,408	2,451	2,495	2,540	2,586	2,632	2,680	2,728	2,777	2,827	2%
Industrial											
Others	178	179	180	181	182	183	184	185	186	187	1%
<b>Total</b>	<b>17,098</b>	<b>17,404</b>	<b>17,715</b>	<b>18,031</b>	<b>18,354</b>	<b>18,682</b>	<b>19,016</b>	<b>19,356</b>	<b>19,702</b>	<b>20,054</b>	<b>2%</b>
Energy Sales per Customer Type (MWh)	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	AAGR
Residential	31,116	33,294	35,624	38,118	40,786	43,642	46,696	49,965	53,463	57,205	7%
Commercial	37,939	40,595	43,436	46,477	49,730	53,211	56,936	60,922	65,186	69,749	7%
Industrial											
Others	17,794	19,040	20,372	21,799	23,324	24,957	26,704	28,573	30,574	32,714	7%
<b>Total</b>	<b>86,849</b>	<b>92,928</b>	<b>99,433</b>	<b>106,394</b>	<b>113,841</b>	<b>121,810</b>	<b>130,337</b>	<b>139,460</b>	<b>149,223</b>	<b>159,668</b>	<b>7%</b>
Projected Infrastructure Requirements	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	TOTAL
Distribution/Sub-transmission Facilities	3	3	3	3	3	3	3	3	3	3	30
<i>Expansion(ckt-km)</i>	2	2	2	2	2	2	2	2	2	2	20
<i>Rehabilitation(ckt-km)</i>	1	1	1	1	1	1	1	1	1	1	10
Substation Capacity (MVA)				10				10			20
Reactive Power Compensation Plan (MVAr)	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	3
Capital Investment Requirements(in Million Php)	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	TOTAL
Distribution/Sub-transmission Facilities	8	8	9	10	11	11	11	11	11	11	97
<i>Expansion</i>	6	5	6	6	7	7	7	7	7	7	66
<i>Rehabilitation</i>	2	3	3	3	4	4	4	4	4	4	32
Substation Projects	1	3	4	15	4	4	4	15	4	4	55
Electrification Projects	4	5	6	6	7	7	7	7	7	7	59
<b>Total</b>	<b>13</b>	<b>16</b>	<b>18</b>	<b>31</b>	<b>21</b>	<b>21</b>	<b>21</b>	<b>32</b>	<b>21</b>	<b>21</b>	<b>212</b>
Level of Electrification	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	
<b>Barangay Level (%)</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	
No of Barangays Electrified (On-Grid)	15	15	15	15	15	15	15	15	15	15	
No. of Barangays Electrified (Off-Grid)											
<b>Total</b>	<b>15</b>	<b>15</b>	<b>15</b>	<b>15</b>	<b>15</b>	<b>15</b>	<b>15</b>	<b>15</b>	<b>15</b>	<b>15</b>	
<b>Household Level (%)</b>	<b>96%</b>	<b>96%</b>	<b>96%</b>	<b>96%</b>	<b>96%</b>	<b>96%</b>	<b>96%</b>	<b>96%</b>	<b>96%</b>	<b>96%</b>	
No. of Households Electrified (On-Grid)	17,098	17,404	17,715	18,031	18,354	18,682	19,016	19,356	19,702	20,054	
No. of Households Electrified (Off-Grid)											
<b>Total</b>	<b>17,098</b>	<b>17,404</b>	<b>17,715</b>	<b>18,031</b>	<b>18,354</b>	<b>18,682</b>	<b>19,016</b>	<b>19,356</b>	<b>19,702</b>	<b>20,054</b>	

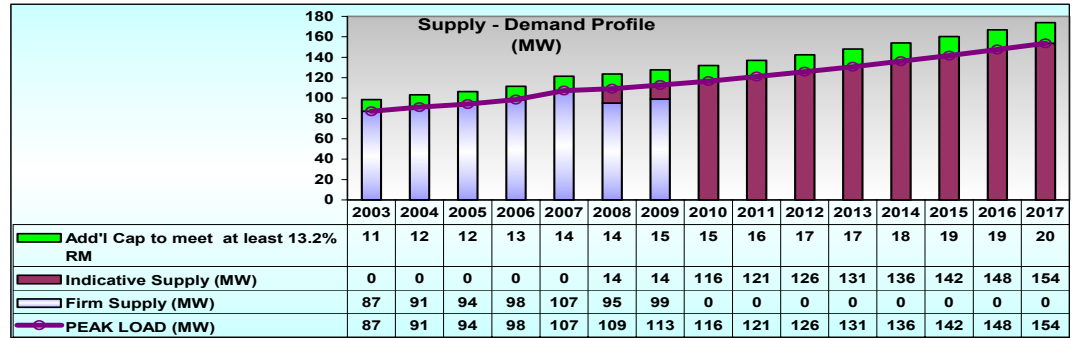
Franchise Coverage:

Tagbilaran City, Bohol

REGION 6  
ELECTRIC COOPERATIVES

## Central Negros Electric Cooperative, Inc. (CENECO)

General Information	
Location	Gonzaga-Mabini St., Bacolod City
Contact Person	Henry R. Sia
Position	General Manager
Tel. No:	(034) 435-3641 to 49
Fax No:	(034) 435-4079
E-mail Address	
Coverage Area	
No. of barangays	158
Franchise Population	
SUPPLY HIGHLIGHTS	
CENECO plans the following program: Acquisition of Transco 69 KV TX Lines, Construction of Additional 69 KV TX Lines, Additional Substation, Additional Feeders, and 100% Energization of Barangays. Supply Contract with NPC will expire in 2009.	



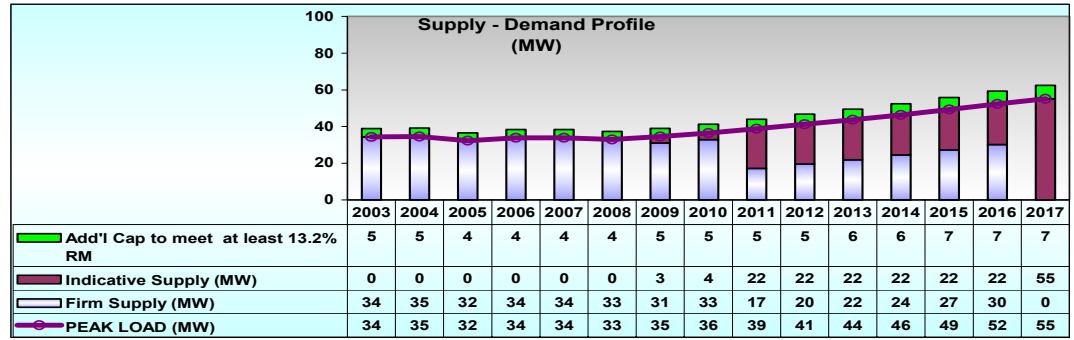
No. of Customers	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	AAGR
Residential	119,448	124,997	130,823	137,082	142,821	148,642	154,564	160,572	166,821	173,319	4%
Commercial	9,323	9,516	9,713	9,915	10,121	10,331	10,546	10,765	10,989	11,217	2%
Industrial											
Others	393	395	396	396	397	398	399	400	401	402	1%
<b>Total</b>	<b>129,163</b>	<b>134,907</b>	<b>140,932</b>	<b>147,393</b>	<b>153,339</b>	<b>159,371</b>	<b>165,508</b>	<b>171,737</b>	<b>178,210</b>	<b>184,938</b>	<b>4%</b>
Energy Sales per Customer Type (MWh)	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	AAGR
Residential	244,913	258,977	274,894	291,855	309,769	328,730	348,854	370,148	392,741	416,712	6%
Commercial	143,281	148,534	153,954	159,566	165,384	171,416	177,671	184,158	190,885	197,862	4%
Industrial											
Others	123,271	125,335	126,632	127,940	129,260	130,593	131,896	133,209	134,535	135,872	2%
<b>Total</b>	<b>511,465</b>	<b>532,847</b>	<b>555,479</b>	<b>579,361</b>	<b>604,414</b>	<b>630,740</b>	<b>658,421</b>	<b>687,516</b>	<b>718,161</b>	<b>750,446</b>	<b>4%</b>
Projected Infrastructure Requirements	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	TOTAL
Distribution/Sub-transmission Facilities	16	40	20	35							112
<i>Expansion(ckt-km)</i>	9	25	19	35							87
<i>Rehabilitation(ckt-km)</i>	8	15	1	1							24
Substation Capacity (MVA)	25										25
Reactive Power Compensation Plan (MVAr)											
Capital Investment Requirements(in Million Php)	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	TOTAL
Distribution/Sub-transmission Facilities	93	115	91	91	68	68	68	68	68	68	800
<i>Expansion</i>	49	72	86	89							296
<i>Rehabilitation</i>	44	43	5	2	68	68	68	68	68	68	504
Substation Projects	32										32
Electrification Projects	33	38	28	30	32	34	35	36	37	37	339
<b>Total</b>	<b>158</b>	<b>153</b>	<b>119</b>	<b>121</b>	<b>101</b>	<b>102</b>	<b>103</b>	<b>104</b>	<b>105</b>	<b>106</b>	<b>1,172</b>
Level of Electrification	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	
<b>Barangay Level (%)</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	
No. of Barangays Electrified (On-Grid)	158	158	158	158	158	158	158	158	158	158	
No. of Barangays Electrified (Off-Grid)											
<b>Total</b>	<b>158</b>	<b>158</b>	<b>158</b>	<b>158</b>	<b>158</b>	<b>158</b>	<b>158</b>	<b>158</b>	<b>158</b>	<b>158</b>	
<b>Household Level (%)</b>	<b>56%</b>	<b>56%</b>	<b>56%</b>	<b>57%</b>	<b>57%</b>	<b>57%</b>	<b>58%</b>	<b>58%</b>	<b>58%</b>	<b>59%</b>	
No. of Households Electrified (On-Grid)	118,710	123,458	128,396	133,532	138,873	144,428	150,206	156,214	162,462	168,961	
No. of Households Electrified (Off-Grid)											
<b>Total</b>	<b>118,710</b>	<b>123,458</b>	<b>128,396</b>	<b>133,532</b>	<b>138,873</b>	<b>144,428</b>	<b>150,206</b>	<b>156,214</b>	<b>162,462</b>	<b>168,961</b>	

Franchise Coverage:

Bago City, Bacolod City, Talisay City, Silay City, Murcia, and Don Salvador Benedicto.

## Negros Occidental Electric Cooperative, Inc. (NOCECO)

General Information	
Location	Kabankalan City, Negros Occidental
Contact Person	Lamberto M. Canlas
Position	General Manager
Tel. No:	(034) 471-3359 / 471-2229 / 471-2170
Fax No:	(034) 471-2829
E-mail Address	email@noceco.ph
Coverage Area	
No. of barangays	308
Franchise Population	
SUPPLY HIGHLIGHTS	



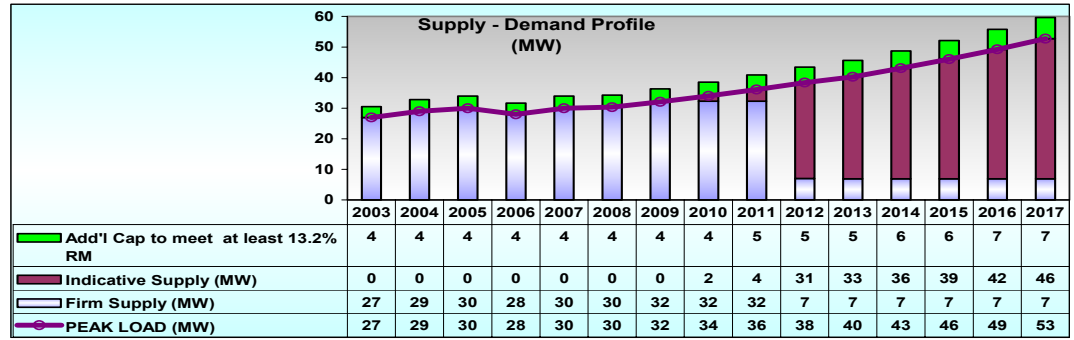
No. of Customers	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	AAGR
Residential	96,611	102,940	109,480	116,308	123,263	130,311	137,479	144,761	152,132	159,563	6%
Commercial	3,735	3,902	4,077	4,263	4,427	4,658	4,869	5,999	5,321	5,564	5%
Industrial	14	16	17	19	21	23	25	28	31	34	10%
Others	7,274	7,276	7,279	7,280	7,282	7,223	7,283	7,284	7,286	7,286	0.2%
<b>Total</b>	<b>107,634</b>	<b>114,134</b>	<b>120,853</b>	<b>127,870</b>	<b>134,993</b>	<b>142,215</b>	<b>149,656</b>	<b>158,072</b>	<b>164,770</b>	<b>172,447</b>	<b>5%</b>
Energy Sales per Customer Type (MWh)	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	AAGR
Residential	81,257	84,782	90,039	96,604	103,612	111,003	119,290	129,136	139,343	148,600	7%
Commercial	21,895	24,569	27,533	30,634	33,966	36,909	40,134	43,396	46,938	50,763	10%
Industrial	4,171	4,892	5,697	6,557	7,526	8,533	9,643	10,782	12,048	13,329	14%
Others	34,743	36,222	37,829	39,328	40,898	42,454	43,919	45,395	46,930	48,252	4%
<b>Total</b>	<b>142,066</b>	<b>150,465</b>	<b>161,098</b>	<b>173,123</b>	<b>186,002</b>	<b>198,899</b>	<b>212,986</b>	<b>228,709</b>	<b>245,259</b>	<b>260,944</b>	<b>7%</b>
Projected Infrastructure Requirements	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	TOTAL
Distribution/Sub-transmission Facilities	58	23	43	19	38	46	3	5	4	0.3	238
<i>Expansion(ckt-km)</i>	6	2	14	7	4	5	3	5	4	0.3	51
<i>Rehabilitation(ckt-km)</i>	51	21	28	12	34	41					187
Substation Capacity (MVA)		10	10	10							30
Reactive Power Compensation Plan (MVAr)											
Capital Investment Requirements(in Million Php)	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	TOTAL
Distribution/Sub-transmission Facilities	19	9	40	14	21	26	2	3	2	1	137
<i>Expansion</i>	2	1	13	5	2	3	2	3	2	1	34
<i>Rehabilitation</i>	17	8	26	9	19	23					103
Substation Projects		24	24	24							72
Electrification Projects	62	26	27	28	29	28	30	31	31	32	323
<b>Total</b>	<b>81</b>	<b>59</b>	<b>90</b>	<b>66</b>	<b>50</b>	<b>54</b>	<b>32</b>	<b>34</b>	<b>33</b>	<b>32</b>	<b>532</b>
Level of Electrification	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	
<b>Barangay Level (%)</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	
No. of Barangays Electrified (On-Grid)	304	304	304	304	304	304	304	304	304	304	
No. of Barangays Electrified (Off-Grid)											
<b>Total</b>	<b>304</b>	<b>304</b>	<b>304</b>	<b>304</b>	<b>304</b>	<b>304</b>	<b>304</b>	<b>304</b>	<b>304</b>	<b>304</b>	
<b>Household Level (%)</b>	<b>37%</b>	<b>38%</b>	<b>39%</b>	<b>40%</b>	<b>41%</b>	<b>42%</b>	<b>43%</b>	<b>44%</b>	<b>43%</b>	<b>46%</b>	
No. of Households Electrified (On-Grid)	96,461	102,731	109,203	115,864	122,700	129,694	136,828	144,079	151,428	158,847	
No. of Households Electrified (Off-Grid)											
<b>Total</b>	<b>96,461</b>	<b>102,731</b>	<b>109,203</b>	<b>115,864</b>	<b>122,700</b>	<b>129,694</b>	<b>136,828</b>	<b>144,079</b>	<b>151,428</b>	<b>158,847</b>	

Franchise Coverage:

Pulupandan, Valladolid, San Enrique, Pontevedra, La Carlota City, La Castellana, Moises Padilla, Isabela, Hinigaran, Binalbagan, and Himamaylan City.

## Iloilo I Electric Cooperative, Inc. (ILECO I)

General Information	
Location	Brqy. Namucon, Tigbauan, Iloilo
Contact Person	Wilfred L. Billena
Position	General Manager
Tel. No:	5117822-25, 5117822
Fax No:	5117822-25, 5117822
E-mail Address	ileco1@mozcom.com
Coverage Area	
No. of barangays	794
Franchise Population	
SUPPLY HIGHLIGHTS	
Sources of Power Supply: NPC- 3 year contract (2007-2009), PNOC NNGP - 5-year contract (2007-2011), and AVON RIVER - 20-Year contract (2003-2023).	



No. of Customers	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	AAGR
Residential	93,578	98,245	103,145	108,290	113,684	119,349	125,297	131,542	138,100	144,985	5%
Commercial	1,515	1,560	1,606	1,654	1,703	1,754	1,806	1,859	1,914	1,971	3%
Industrial	180	183	187	191	195	198	202	207	211	215	2%
Others	1,531	1,533	1,536	1,539	1,541	1,552	1,555	1,559	1,563	1,578	1%
<b>Total</b>	<b>96,804</b>	<b>101,522</b>	<b>106,474</b>	<b>111,673</b>	<b>117,123</b>	<b>122,853</b>	<b>128,860</b>	<b>135,167</b>	<b>141,787</b>	<b>148,749</b>	<b>5%</b>
Energy Sales per Customer Type (MWh)	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	AAGR
Residential	93,102	99,544	106,726	114,454	123,062	133,235	144,244	156,157	169,049	183,000	8%
Commercial	9,955	10,300	10,690	11,123	11,574	12,042	12,530	13,037	13,565	14,114	4%
Industrial	27,307	28,327	29,387	30,514	31,742	33,021	34,354	35,742	37,187	38,691	4%
Others	4,898	5,066	5,237	5,412	5,596	5,803	6,002	6,207	6,420	6,667	4%
<b>Total</b>	<b>135,261</b>	<b>143,238</b>	<b>152,040</b>	<b>161,504</b>	<b>171,973</b>	<b>184,101</b>	<b>197,129</b>	<b>211,144</b>	<b>226,221</b>	<b>242,472</b>	<b>7%</b>
Projected Infrastructure Requirements	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	TOTAL
Distribution/Sub-transmission Facilities	37	12	9	15	18	8	25	9	6	11	149
<i>Expansion(ckt-km)</i>	16	1	1		5		15				38
<i>Rehabilitation(ckt-km)</i>	21	11	8	15	13	8	10	9	6	11	111
Substation Capacity (MVA)	5	10	5		10		10				40
Reactive Power Compensation Plan (MVAr)											
Capital Investment Requirements(in Million Php)	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	TOTAL
Distribution/Sub-transmission Facilities	46	70	69	72	78	69	89	68	66	69	696
<i>Expansion</i>	20	6	8		22		53				109
<i>Rehabilitation</i>	26	64	61	72	56	69	36	68	66	69	587
Substation Projects	18	24	18		24		24				108
Electrification Projects	31	18	21	24	24	25	30	22	26	29	250
<b>Total</b>	<b>95</b>	<b>113</b>	<b>108</b>	<b>96</b>	<b>126</b>	<b>93</b>	<b>143</b>	<b>90</b>	<b>92</b>	<b>98</b>	<b>1,054</b>
Level of Electrification	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	
<b>Barangay Level (%)</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	
No of Barangays Electrified (On-Grid)	790	790	790	790	790	790	790	790	790	790	
No. of Barangays Electrified (Off-Grid)	4	4	4	4	4	4	4	4	4	4	
<b>Total</b>	<b>794</b>	<b>794</b>	<b>794</b>	<b>794</b>	<b>794</b>	<b>794</b>	<b>794</b>	<b>794</b>	<b>794</b>	<b>794</b>	
<b>Household Level (%)</b>	<b>71%</b>	<b>73%</b>	<b>75%</b>	<b>78%</b>	<b>80%</b>	<b>82%</b>	<b>85%</b>	<b>87%</b>	<b>90%</b>	<b>92%</b>	
No. of Households Electrified (On-Grid)	93,205	97,866	102,759	107,897	113,292	118,956	124,904	131,149	137,707	144,592	
No. of Households Electrified (Off-Grid)											
<b>Total</b>	<b>93,205</b>	<b>97,866</b>	<b>102,759</b>	<b>107,897</b>	<b>113,292</b>	<b>118,956</b>	<b>124,904</b>	<b>131,149</b>	<b>137,707</b>	<b>144,592</b>	

Franchise Coverage:

15 Municipalities: Alimodian, Cabatuan, Guimbal, Igaras, Leganes, Leon, Maasin, Miagao, Oton, Pavia, San Joaquin, San Miguel, Sta. Barbara, Tigbauan, and Tubungan.

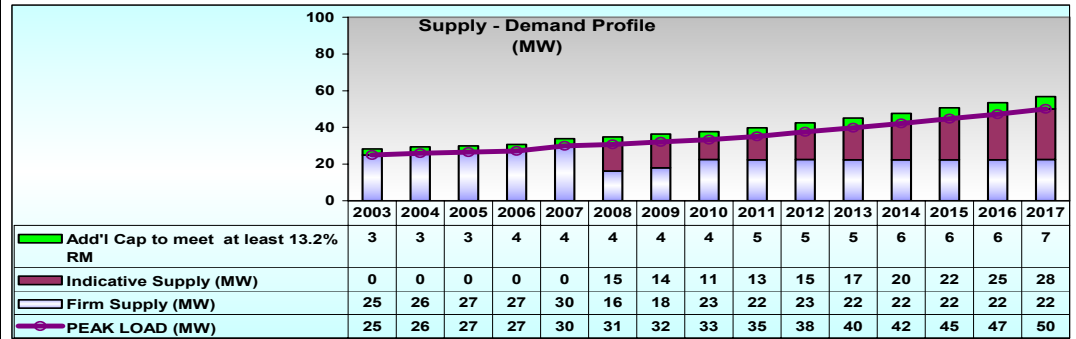


## Capiz Electric Cooperative, Inc. (CAPELCO)

General Information	
Location	Timpas, Panitan, Capiz
Contact Person	Engr. Edgar D. Diaz
Position	General Manager
Tel. No:	(036) 634-0264
Fax No:	(036) 634-0264
E-mail Address	capiz_electric_cooperative@yahoo.com
Coverage Area	2,633 sq.km.
No. of barangays	473
Franchise Population	

### SUPPLY HIGHLIGHTS

Supply agreement with NPC is based on annual agreement. IPP will enter the system with minimum off take of 75 Mwh in 2008, 85 Mwh in 2009 and 110 Mwh onwards.



No. of Customers	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	AAGR
Residential	88,528	91,859	95,259	98,781	102,560	106,214	110,000	113,922	117,986	122,195	4%
Commercial	4,335	4,474	4,612	4,755	4,903	5,048	5,197	5,351	5,509	5,672	3%
Industrial	57	57	58	58	59	60	60	61	61	62	1%
Others	1,519	1,530	1,542	1,549	1,566	1,566	1,566	1,566	1,566	1,567	1%
<b>Total</b>	<b>94,439</b>	<b>97,920</b>	<b>101,471</b>	<b>105,143</b>	<b>109,088</b>	<b>112,888</b>	<b>116,824</b>	<b>120,900</b>	<b>125,123</b>	<b>129,496</b>	<b>4%</b>
Energy Sales per Customer Type (MWh)	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	AAGR
Residential	70,224	75,987	82,069	88,488	95,271	102,418	109,950	117,892	126,264	135,085	8%
Commercial	28,253	30,265	32,369	34,569	36,872	39,280	41,797	44,430	47,184	50,064	7%
Industrial	17,386	18,258	19,146	20,049	20,969	21,905	22,857	23,827	24,813	25,817	5%
Others	7,570	7,891	10,332	10,767	11,209	11,656	11,982	12,308	12,635	12,961	6%
<b>Total</b>	<b>123,434</b>	<b>132,401</b>	<b>143,916</b>	<b>153,873</b>	<b>164,321</b>	<b>175,259</b>	<b>186,587</b>	<b>198,457</b>	<b>210,896</b>	<b>223,927</b>	<b>7%</b>
Projected Infrastructure Requirements	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	TOTAL
Distribution/Sub-transmission Facilities	86	15	20	16	20	36	8	27	38	19	286
<i>Expansion(ckt-km)</i>	64	5	8	4	12	23	5	11	18	5	154
<i>Rehabilitation(ckt-km)</i>	22	10	12	13	8	14	3	16	20	15	132
Substation Capacity (MVA)	5		10			5			5		25
Reactive Power Compensation Plan (MVar)											
Capital Investment Requirements(in Million Php)	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	TOTAL
Distribution/Sub-transmission Facilities	75	29	49	38	46	43	6	9	36	6	338
<i>Expansion</i>	56	9	19	8	28	27	3	4	17	1	173
<i>Rehabilitation</i>	19	20	30	30	19	16	2	5	19	5	165
Substation Projects	28		12			28			28		96
Electrification Projects	20	19	17	31	42	13	16	14	17	15	205
<b>Total</b>	<b>123</b>	<b>48</b>	<b>79</b>	<b>70</b>	<b>89</b>	<b>84</b>	<b>21</b>	<b>23</b>	<b>81</b>	<b>21</b>	<b>639</b>
Level of Electrification	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	
<b>Barangay Level (%)</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	
No of Barangays Electrified (On-Grid)	450	450	450	450	450	450	450	450	450	450	
No. of Barangays Electrified (Off-Grid)		4	23	23	23	23	23	23	23	23	
<b>Total</b>	<b>450</b>	<b>454</b>	<b>473</b>	<b>473</b>	<b>473</b>	<b>473</b>	<b>473</b>	<b>473</b>	<b>473</b>	<b>473</b>	
<b>Household Level (%)</b>	<b>61%</b>	<b>62%</b>	<b>64%</b>	<b>65%</b>	<b>66%</b>	<b>68%</b>	<b>69%</b>	<b>71%</b>	<b>72%</b>	<b>74%</b>	
No. of Households Electrified (On-Grid)	88,117	91,290	94,576	97,981	101,508	105,162	108,948	112,870	116,934	121,143	
No. of Households Electrified (Off-Grid)											
<b>Total</b>	<b>88,117</b>	<b>91,290</b>	<b>94,576</b>	<b>97,981</b>	<b>101,508</b>	<b>105,162</b>	<b>108,948</b>	<b>112,870</b>	<b>116,934</b>	<b>121,143</b>	

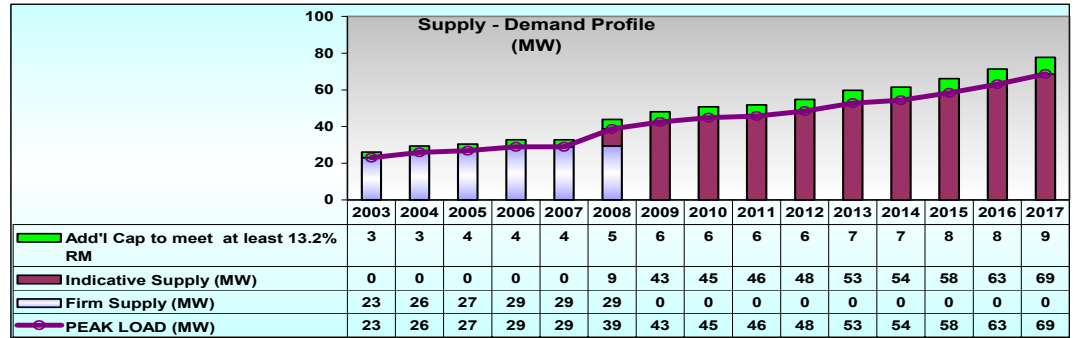
### Franchise Coverage:

Whole Province of Capiz comprising of 1 City (Roxas City) and 16 Municipalities (Ivisan, Panitan, Sigma, Panay, Pontevedra, Dao, Mambusao, Jamindan, Sapi-an, Cuartero, Dumarao, Dumalag, Tapaz, Maayon, Pres. Roxas, and Pilar)



## Aklan Electric Cooperative, Inc. (AKELCO)

General Information	
Location	Lezo, Aklan
Contact Person	Wilfredo A. Ortiz
Position	Officer-In-Charge
Tel. No:	(036) 275-8327/036 - 2747274
Fax No:	(036) 275-8327/036 - 2747274
E-mail Address	kahayag@akelco.com.ph
Coverage Area	1,817 sq. m.
No. of barangays	380
Franchise Population	
SUPPLY HIGHLIGHTS	
The 10 MVA Caticlan substation will definitely be overloaded due to the expected increase of demand due to large loads in Boracay, estimated at 4.3 MW, so AKELCO plans to add additional substation capacity.	



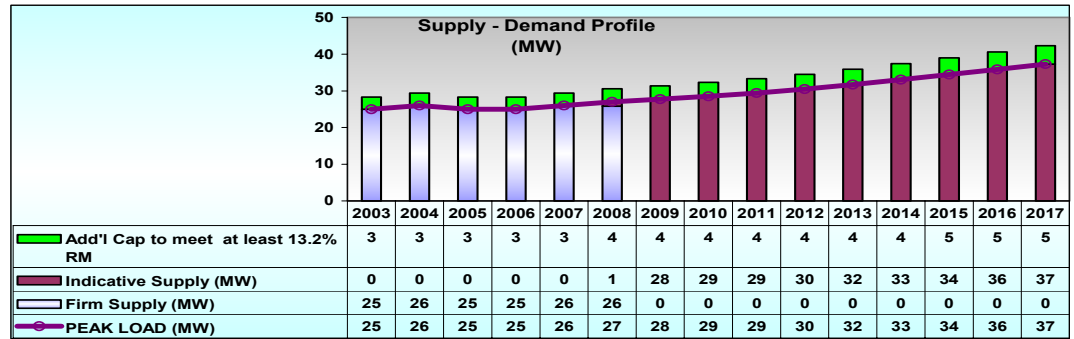
No. of Customers	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	AAGR
Residential	86,577	91,618	97,115	102,398	107,688	114,514	120,834	127,418	134,284	141,451	6%
Commercial	5,471	5,568	5,679	5,795	5,913	6,800	7,172	7,559	7,944	8,348	5%
Industrial	21	21	22	22	23	24	25	27	28	30	4%
Others	2,064	2,057	2,074	2,099	2,114	2,446	2,253	2,255	2,261	2,268	1%
<b>Total</b>	<b>94,132</b>	<b>99,264</b>	<b>104,889</b>	<b>110,314</b>	<b>115,737</b>	<b>123,783</b>	<b>130,284</b>	<b>137,259</b>	<b>144,518</b>	<b>152,097</b>	<b>5%</b>
Energy Sales per Customer Type (MWh)	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	AAGR
Residential	65,412	71,704	78,518	85,874	94,236	104,309	114,491	125,448	137,093	149,438	10%
Commercial	59,469	62,407	64,659	66,568	68,460	79,059	85,229	93,169	103,582	117,325	8%
Industrial	785	795	830	889	968	1,097	1,240	1,400	1,573	1,753	8%
Others	44,773	46,726	48,785	50,931	53,194	56,730	56,323	56,834	57,496	58,341	3%
<b>Total</b>	<b>170,438</b>	<b>181,631</b>	<b>192,792</b>	<b>204,261</b>	<b>216,858</b>	<b>241,195</b>	<b>257,284</b>	<b>276,851</b>	<b>299,744</b>	<b>326,856</b>	<b>11%</b>
Projected Infrastructure Requirements	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	TOTAL
Distribution/Sub-transmission Facilities	9	76	46	13	11	12	20	16	14	18	234
<i>Expansion(ckt-km)</i>	5	12	20								38
<i>Rehabilitation(ckt-km)</i>	4	63	26	13	11	12	20	16	14	18	196
Substation Capacity (MVA)									20		20
Reactive Power Compensation Plan (MVAr)											
Capital Investment Requirements(in Million Php)	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	TOTAL
Distribution/Sub-transmission Facilities	166	71	52	36	35	36	38	38	36	38	545
<i>Expansion</i>	92	12	23								127
<i>Rehabilitation</i>	73	60	29	36	35	36	38	38	36	38	418
Substation Projects	53							28	30		111
Electrification Projects	22	27	28	26	22	37	27	30	31	34	283
<b>Total</b>	<b>241</b>	<b>98</b>	<b>79</b>	<b>62</b>	<b>57</b>	<b>72</b>	<b>65</b>	<b>96</b>	<b>97</b>	<b>71</b>	<b>940</b>
Level of Electrification	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	
<b>Barangay Level (%)</b>	<b>97%</b>	<b>97%</b>	<b>97%</b>	<b>97%</b>	<b>97%</b>	<b>97%</b>	<b>97%</b>	<b>97%</b>	<b>97%</b>	<b>97%</b>	
No. of Barangays Electrified (On-Grid)	368	368	368	368	368	368	368	368	368	368	
No. of Barangays Electrified (Off-Grid)											
<b>Total</b>	<b>368</b>	<b>368</b>	<b>368</b>	<b>368</b>	<b>368</b>	<b>368</b>	<b>368</b>	<b>368</b>	<b>368</b>	<b>368</b>	
<b>Household Level (%)</b>	<b>82%</b>	<b>83%</b>	<b>85%</b>	<b>87%</b>	<b>88%</b>	<b>90%</b>	<b>92%</b>	<b>94%</b>	<b>95%</b>	<b>97%</b>	
No. of Households Electrified (On-Grid)	86,560	91,423	96,288	101,156	106,031	112,442	118,348	124,517	130,968	137,720	
No. of Households Electrified (Off-Grid)											
<b>Total</b>	<b>86,560</b>	<b>91,423</b>	<b>96,288</b>	<b>101,156</b>	<b>106,031</b>	<b>112,442</b>	<b>118,348</b>	<b>124,517</b>	<b>130,968</b>	<b>137,720</b>	

Franchise Coverage:

Covers 17 towns of Aklan and 2 towns of Antique (Pandan and Libertad)

## V-M-C Rural Electric Service Cooperative, Inc. (VRESCO)

General Information	
Location	Cr. Tortosa, Manapla, Negros Occidental
Contact Person	Engr. Eduardo B. Parrocho
Position	General Manager
Tel. No:	(034) 717-0200
Fax No:	(034) 717-0511
E-mail Address	vresco_coopogm@yahoo.com
Coverage Area	
No. of barangays	195
Franchise Population	
SUPPLY HIGHLIGHTS	
Transition Supply Contract with NPC expires in the year 2008. VRESCO will renew its power contract with NPC for the next two(2) years, 2009 and 2010.	



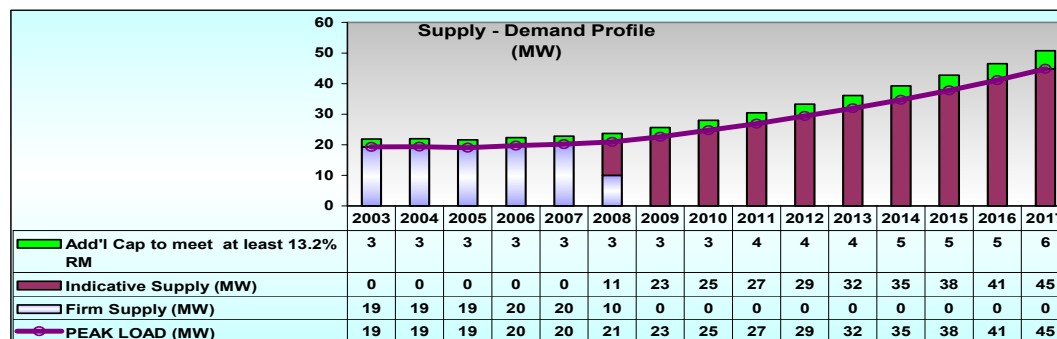
No. of Customers	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	AAGR
Residential	71,082	74,190	77,418	80,714	84,196	87,656	91,250	94,981	98,855	102,846	4%
Commercial	3,310	3,337	3,363	3,390	3,417	3,445	3,472	3,500	3,528	3,556	1%
Industrial	80	80	80	80	81	81	81	81	81	81	0%
Others	2,151	2,152	2,154	2,156	2,156	2,157	2,157	2,158	2,158	2,159	0.1%
<b>Total</b>	<b>76,623</b>	<b>79,758</b>	<b>83,015</b>	<b>86,340</b>	<b>89,850</b>	<b>93,338</b>	<b>96,960</b>	<b>100,720</b>	<b>104,623</b>	<b>108,643</b>	<b>4%</b>
Energy Sales per Customer Type (MWh)	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	AAGR
Residential	64,527	67,090	69,892	72,824	76,033	79,519	83,158	86,960	90,932	95,081	4%
Commercial	20,628	21,060	21,550	22,010	22,535	23,034	23,590	24,112	24,693	25,240	2%
Industrial	25,534	26,811	28,156	29,570	31,285	32,861	34,512	36,537	38,377	40,313	5%
Others	10,945	11,122	11,305	11,504	11,706	11,911	12,121	12,325	12,543	12,767	2%
<b>Total</b>	<b>121,634</b>	<b>126,082</b>	<b>130,903</b>	<b>135,908</b>	<b>141,560</b>	<b>147,325</b>	<b>153,380</b>	<b>159,933</b>	<b>166,546</b>	<b>173,400</b>	<b>4%</b>
Projected Infrastructure Requirements	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	TOTAL
Distribution/Sub-transmission Facilities	14	20	14	9	5						62
<i>Expansion(ckt-km)</i>	9	5	8	6	5						32
<i>Rehabilitation(ckt-km)</i>	6	15	6	3							29
Substation Capacity (MVA)											
Reactive Power Compensation Plan (MVAr)											
Capital Investment Requirements(in Million Php)	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	TOTAL
Distribution/Sub-transmission Facilities	49	38	35	29	27						179
<i>Expansion</i>	30	9	21	19	27						106
<i>Rehabilitation</i>	20	29	14	10							74
Substation Projects											
Electrification Projects	19	16	15	17	13	12	13	13	14	14	146
<b>Total</b>	<b>69</b>	<b>54</b>	<b>50</b>	<b>46</b>	<b>40</b>	<b>12</b>	<b>13</b>	<b>13</b>	<b>14</b>	<b>14</b>	<b>325</b>
Level of Electrification	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	
<b>Barangay Level (%)</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	
No of Barangays Electrified (On-Grid)	193	193	193	193	193	193	193	193	193	193	
No. of Barangays Electrified (Off-Grid)	2	2	2	2	2	2	2	2	2	2	
<b>Total</b>	<b>195</b>	<b>195</b>	<b>195</b>	<b>195</b>	<b>195</b>	<b>195</b>	<b>195</b>	<b>195</b>	<b>195</b>	<b>195</b>	
<b>Household Level (%)</b>	<b>41%</b>	<b>42%</b>	<b>43%</b>	<b>44%</b>	<b>45%</b>	<b>46%</b>	<b>47%</b>	<b>48%</b>	<b>49%</b>	<b>50%</b>	
No. of Households Electrified (On-Grid)	70,872	73,707	76,655	79,721	82,910	86,226	89,675	93,263	96,993	100,873	
No. of Households Electrified (Off-Grid)											
<b>Total</b>	<b>70,872</b>	<b>73,707</b>	<b>76,655</b>	<b>79,721</b>	<b>82,910</b>	<b>86,226</b>	<b>89,675</b>	<b>93,263</b>	<b>96,993</b>	<b>100,873</b>	

Franchise Coverage:

Covers five (5) cities and four (4) municipalities namely: the cities of Victorias, Cadiz, Sagay, Escalante and San Carlos and the municipalities of E.B. Magalona, Toboso, Manapla, and Calatrava.

## Iloilo II Electric Cooperative, Inc. (ILECO II)

General Information	
Location	Cauayan, Pototan, Iloilo
Contact Person	Maesit O. Gallo
Position	Officer-In-Charge
Tel. No:	(033) 529-8063, (033) 529-8981
Fax No:	(033) 528-8064
E-mail Address	ileco2@skyinet.net
Coverage Area	
No. of barangays	587
Franchise Population	
SUPPLY HIGHLIGHTS	
NPC-TSC will expire on June 2008	



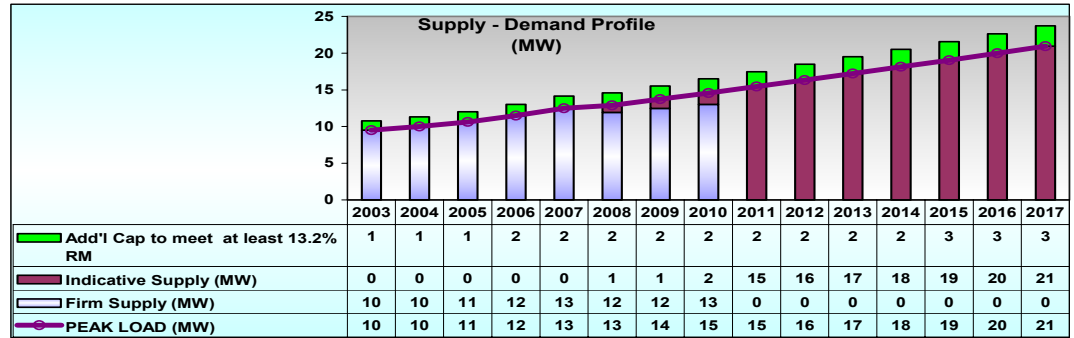
No. of Customers	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	AAGR
Residential	70,286	74,504	78,974	82,923	87,069	90,551	94,174	97,940	101,858	105,932	5%
Commercial	2,449	2,498	2,548	2,599	2,651	2,704	2,758	2,813	2,869	2,927	2%
Industrial	44	44	44	45	45	45	45	46	46	46	1%
Others	903	904	904	905	905	906	906	907	907	908	0.3%
<b>Total</b>	<b>73,683</b>	<b>77,950</b>	<b>82,470</b>	<b>86,471</b>	<b>90,670</b>	<b>94,206</b>	<b>97,883</b>	<b>101,706</b>	<b>105,681</b>	<b>109,814</b>	<b>5%</b>
Energy Sales per Customer Type (MWh)	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	AAGR
Residential	67,225	75,559	84,924	94,585	105,325	116,182	128,139	141,315	155,836	171,841	11%
Commercial	9,511	9,779	10,075	10,380	10,694	11,017	11,351	11,694	12,048	12,412	3%
Industrial	4,110	4,191	4,233	4,318	4,361	4,448	4,493	4,583	4,629	4,722	2%
Others	7,900	7,993	8,081	8,168	8,256	8,345	8,434	8,525	8,616	8,709	1%
<b>Total</b>	<b>88,746</b>	<b>97,521</b>	<b>107,313</b>	<b>117,451</b>	<b>128,636</b>	<b>139,992</b>	<b>152,417</b>	<b>166,117</b>	<b>181,129</b>	<b>197,684</b>	<b>9%</b>
Projected Infrastructure Requirements	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	TOTAL
Distribution/Sub-transmission Facilities	42	15									57
<i>Expansion(ckt-km)</i>											
<i>Rehabilitation(ckt-km)</i>	42	15									57
Substation Capacity (MVA)											
Reactive Power Compensation Plan (MVAr)											
Capital Investment Requirements(in Million Php)	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	TOTAL
Distribution/Sub-transmission Facilities	52	15	10	7	7	6	5	5	4	3	114
<i>Expansion</i>											
<i>Rehabilitation</i>	52	15	10	7	7	6	5	5	4	3	114
Substation Projects	12			12							24
Electrification Projects	16	15	16	13	14	13	12	13	14	14	139
<b>Total</b>	<b>80</b>	<b>30</b>	<b>26</b>	<b>33</b>	<b>21</b>	<b>19</b>	<b>17</b>	<b>17</b>	<b>18</b>	<b>17</b>	<b>278</b>
Level of Electrification	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	
<b>Barangay Level (%)</b>	<b>97%</b>	<b>98%</b>	<b>98%</b>	<b>98%</b>	<b>98%</b>	<b>98%</b>	<b>98%</b>	<b>98%</b>	<b>98%</b>	<b>98%</b>	
No. of Barangays Electrified (On-Grid)	578	578	578	578	578	578	578	578	578	578	
No. of Barangays Electrified (Off-Grid)											
<b>Total</b>	<b>578</b>	<b>578</b>	<b>578</b>	<b>578</b>	<b>578</b>	<b>578</b>	<b>578</b>	<b>578</b>	<b>578</b>	<b>578</b>	
<b>Household Level (%)</b>	<b>59%</b>	<b>61%</b>	<b>63%</b>	<b>65%</b>	<b>67%</b>	<b>68%</b>	<b>70%</b>	<b>71%</b>	<b>72%</b>	<b>74%</b>	
No. of Households Electrified (On-Grid)	70,286	74,504	78,974	82,923	87,069	90,551	94,174	97,940	101,858	105,932	
No. of Households Electrified (Off-Grid)											
<b>Total</b>	<b>70,286</b>	<b>74,504</b>	<b>78,974</b>	<b>82,923</b>	<b>87,069</b>	<b>90,551</b>	<b>94,174</b>	<b>97,940</b>	<b>101,858</b>	<b>105,932</b>	

Franchise Coverage:

14 Municipalities and 1 City: Badiangan, Barotac Nuevo, Bingawan, Calinog, Dingle, Dueñas, Dumangas, Janiuy, Lambunao, Mina, New Lucena, Pototan, San Enrique, Zarraga, and Passi City.

## Iloilo III Electric Cooperative, Inc. (ILECO III)

General Information	
Location	Brqy. Preciosa, Sara, Iloilo
Contact Person	Dory Jane A. Canones
Position	General Manager
Tel. No:	(033) 392-0211
Fax No:	(033) 392-0202
E-mail Address	gmileco3@yahoo.com.ph
Coverage Area	
No. of barangays	340
Franchise Population	
SUPPLY HIGHLIGHTS	
Transition supply contract is current up to 2010.	



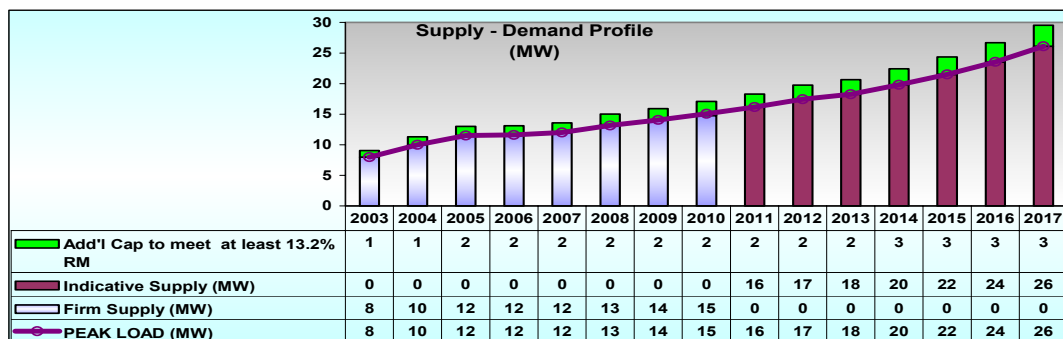
No. of Customers	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	AAGR
Residential	38,381	41,256	44,070	46,876	49,702	52,340	54,967	57,566	60,175	62,786	6%
Commercial	1,165	1,176	1,188	1,200	1,212	1,224	1,236	1,249	1,261	1,274	1%
Industrial	26	26	26	27	27	27	27	27	27	27	1%
Others	554	548	548	548	548	548	548	548	548	548	0.4%
<b>Total</b>	<b>40,126</b>	<b>43,006</b>	<b>45,832</b>	<b>48,651</b>	<b>51,488</b>	<b>54,139</b>	<b>56,778</b>	<b>59,389</b>	<b>62,011</b>	<b>64,635</b>	<b>6%</b>
Energy Sales per Customer Type (MWh)	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	AAGR
Residential	31,811	34,328	36,901	39,518	42,200	44,923	47,683	50,468	53,314	56,213	7%
Commercial	4,297	4,484	4,673	4,871	5,067	5,266	5,468	5,672	5,883	6,097	4%
Industrial	8,418	8,883	9,374	9,891	10,438	11,015	11,612	12,241	12,905	13,605	5%
Others	3,694	3,857	4,068	4,280	4,491	4,701	4,908	5,122	5,330	5,538	5%
<b>Total</b>	<b>48,220</b>	<b>51,551</b>	<b>55,016</b>	<b>58,560</b>	<b>62,197</b>	<b>65,905</b>	<b>69,670</b>	<b>73,503</b>	<b>77,433</b>	<b>81,453</b>	<b>6%</b>
Projected Infrastructure Requirements	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	TOTAL
Distribution/Sub-transmission Facilities	2										2
<i>Expansion(ckt-km)</i>											
<i>Rehabilitation(ckt-km)</i>	2										2
Substation Capacity (MVA)	10		5			10		5			30
Reactive Power Compensation Plan (MVAr)											
Capital Investment Requirements(in Million Php)	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	TOTAL
Distribution/Sub-transmission Facilities	40	28	23	23	22	21	20	20	19	19	235
<i>Expansion</i>											
<i>Rehabilitation</i>	40	28	23	23	22	21	20	20	19	19	235
Substation Projects	31		18			29		18			96
Electrification Projects	32	16	13	11	11	11	11	11	11	11	139
<b>Total</b>	<b>103</b>	<b>44</b>	<b>54</b>	<b>34</b>	<b>34</b>	<b>61</b>	<b>31</b>	<b>49</b>	<b>30</b>	<b>30</b>	<b>470</b>
Level of Electrification	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	
<b>Barangay Level (%)</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	
No. of Barangays Electrified (On-Grid)	303	303	303	303	303	303	303	303	303	303	
No. of Barangays Electrified (Off-Grid)	37	37	37	37	37	37	37	37	37	37	
<b>Total</b>	<b>340</b>	<b>340</b>	<b>340</b>	<b>340</b>	<b>340</b>	<b>340</b>	<b>340</b>	<b>340</b>	<b>340</b>	<b>340</b>	
<b>Household Level (%)</b>	<b>41%</b>	<b>43%</b>	<b>45%</b>	<b>47%</b>	<b>49%</b>	<b>50%</b>	<b>52%</b>	<b>53%</b>	<b>54%</b>	<b>56%</b>	
No. of Households Electrified (On-Grid)	38,381	40,991	43,615	46,231	48,867	51,505	54,132	56,731	59,340	61,951	
No. of Households Electrified (Off-Grid)											
<b>Total</b>	<b>38,381</b>	<b>40,991</b>	<b>43,615</b>	<b>46,231</b>	<b>48,867</b>	<b>51,505</b>	<b>54,132</b>	<b>56,731</b>	<b>59,340</b>	<b>61,951</b>	

Franchise Coverage:

Sara, San Dionisio, Concepcion, Ajuy, Barotac Viejo, Banate, Anilao, Batad, Balasan, Estancia, Carles, Lemery, and San Rafael.

## Antique Electric Cooperative, Inc. (ANTECO)

General Information	
Location	Funda San Jose, Antique
Contact Person	Ludovico D. Lim
Position	General Manager
Tel. No:	(036) 540-8436
Fax No:	(036) 540-9786
E-mail Address	ldvclim@yahoo.com
Coverage Area	
No. of barangays	537
Franchise Population	
SUPPLY HIGHLIGHTS	
Supply Contract with NPC ends in 2010.	



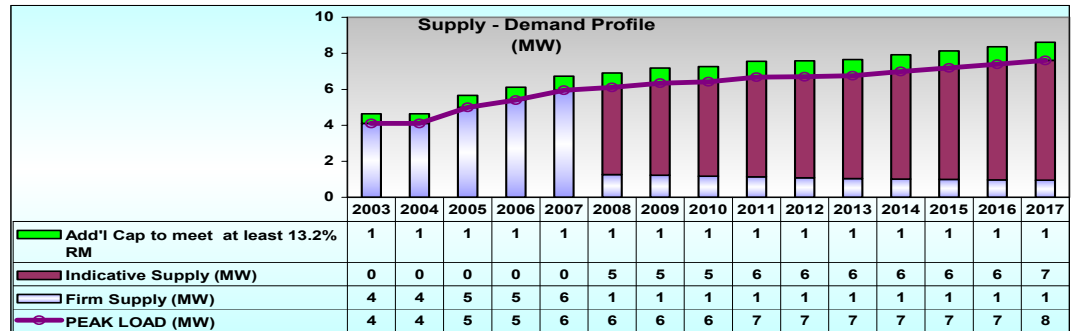
No. of Customers	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	AAGR
Residential	54,209	57,260	60,653	64,431	68,637	73,393	78,845	84,941	91,849	99,596	7%
Commercial	1,672	1,722	1,773	1,827	1,882	1,938	1,996	2,056	2,118	2,181	3%
Industrial	148	150	151	153	154	156	158	159	161	162	1%
Others	1,371	1,374	1,377	1,380	1,384	1,388	1,392	1,396	1,400	1,405	1%
<b>Total</b>	<b>57,401</b>	<b>60,505</b>	<b>63,955</b>	<b>67,791</b>	<b>72,057</b>	<b>76,874</b>	<b>82,390</b>	<b>88,552</b>	<b>95,527</b>	<b>103,345</b>	<b>7%</b>
Energy Sales per Customer Type (MWh)	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	AAGR
Residential	36,682	39,225	42,084	45,281	48,856	52,911	57,568	62,825	68,826	75,632	8%
Commercial	9,001	9,708	10,605	11,663	12,828	14,120	15,544	17,128	18,875	20,804	10%
Industrial	2,339	2,720	3,182	3,723	4,356	5,096	5,962	6,975	8,160	9,548	17%
Others	6,310	6,757	7,233	7,741	8,286	8,870	9,495	10,169	10,890	11,664	7%
<b>Total</b>	<b>54,333</b>	<b>58,411</b>	<b>63,105</b>	<b>68,408</b>	<b>74,325</b>	<b>80,996</b>	<b>88,569</b>	<b>97,096</b>	<b>106,753</b>	<b>117,648</b>	<b>9%</b>
Projected Infrastructure Requirements	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	TOTAL
Distribution/Sub-transmission Facilities	12	1									13
<i>Expansion(ckt-km)</i>	9										9
<i>Rehabilitation(ckt-km)</i>	3	1									4
Substation Capacity (MVA)		5		5							10
Reactive Power Compensation Plan (MVAr)											
Capital Investment Requirements(in Million Php)	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	TOTAL
Distribution/Sub-transmission Facilities	30	16	14	14	14	14	14	14	14	14	158
<i>Expansion</i>	22	0									22
<i>Rehabilitation</i>	8	16	14	14	14	14	14	14	14	14	136
Substation Projects		18		18							36
Electrification Projects	30	15	19	13	20	19	20	21	32	26	215
<b>Total</b>	<b>60</b>	<b>49</b>	<b>33</b>	<b>46</b>	<b>34</b>	<b>33</b>	<b>34</b>	<b>35</b>	<b>46</b>	<b>40</b>	<b>409</b>
Level of Electrification	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	
<b>Barangay Level (%)</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	
No of Barangays Electrified (On-Grid)	463	463	463	463	463	463	463	463	463	463	
No. of Barangays Electrified (Off-Grid)	47	47	64	71	71	74	74	74	74	74	
<b>Total</b>	<b>510</b>	<b>510</b>	<b>527</b>	<b>534</b>	<b>534</b>	<b>537</b>	<b>537</b>	<b>537</b>	<b>537</b>	<b>537</b>	
<b>Household Level (%)</b>	<b>49%</b>	<b>51%</b>	<b>53%</b>	<b>55%</b>	<b>57%</b>	<b>60%</b>	<b>63%</b>	<b>66%</b>	<b>70%</b>	<b>74%</b>	
No. of Households Electrified (On-Grid)	53,512	56,563	59,956	63,734	67,940	72,696	78,148	84,244	91,152	98,899	
No. of Households Electrified (Off-Grid)											
<b>Total</b>	<b>53,512</b>	<b>56,563</b>	<b>59,956</b>	<b>63,734</b>	<b>67,940</b>	<b>72,696</b>	<b>78,148</b>	<b>84,244</b>	<b>91,152</b>	<b>98,899</b>	

Franchise Coverage:

Covers the municipalities of Anini-y, Barbaza, Belison, Bugasong, Caluya, Culasi, Hamtic, Laua-an, Patnongon, San Jose, San Remigio, Sebaste, Sibalom, Tibiao, Tobias Fornier, and Valderrama.

## Guimaras Electric Cooperative, Inc. (GUIMELCO)

General Information	
Location	San Miguel, Jordan, Guimaras
Contact Person	Remedios A. Garcia
Position	General Manager
Tel. No:	(033) 237-1139 / (033) 581-3157
Fax No:	(033) 237- 1139
E-mail Address	guimelco_79@yahoo.com
Coverage Area	604 sq.km.
No. of barangays	98
Franchise Population	
SUPPLY HIGHLIGHTS	
<p>GUIMELCO is supplied with power by NPC, through its 5 MVA Substation at Ingnore, Iloilo, and at the same time by an IPP (Trans Asia Oil).</p>	



No. of Customers	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	AAGR
Residential	17,905	19,337	20,924	22,597	23,953	25,390	26,912	28,258	29,671	31,154	7%
Commercial	729	773	819	860	903	949	996	1,046	1,098	1,142	5%
Industrial	24	25	26	26	27	28	29	30	31	32	3%
Others	579	580	576	576	577	578	579	580	581	582	1%
<b>Total</b>	<b>19,237</b>	<b>20,715</b>	<b>22,345</b>	<b>24,060</b>	<b>25,461</b>	<b>26,944</b>	<b>28,516</b>	<b>29,913</b>	<b>31,380</b>	<b>32,909</b>	<b>6%</b>
Energy Sales per Customer Type (MWh)	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	AAGR
Residential	11,379	12,326	13,353	14,467	15,393	16,427	17,533	18,540	19,606	20,734	7%
Commercial	1,583	1,693	1,812	1,921	2,036	2,180	2,334	2,499	2,675	2,837	7%
Industrial	936	974	1,004	1,034	1,066	1,098	1,132	1,166	1,202	1,239	3%
Others	1,953	1,976	1,981	2,004	2,027	2,061	2,094	2,129	2,164	2,211	2%
<b>Total</b>	<b>15,851</b>	<b>16,969</b>	<b>18,149</b>	<b>19,427</b>	<b>20,522</b>	<b>21,766</b>	<b>23,093</b>	<b>24,334</b>	<b>25,648</b>	<b>27,021</b>	<b>6%</b>
Projected Infrastructure Requirements	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	TOTAL
Distribution/Sub-transmission Facilities	2	13	4								19
<i>Expansion(ckt-km)</i>	2		4								6
<i>Rehabilitation(ckt-km)</i>		13									13
Substation Capacity (MVA)											
Reactive Power Compensation Plan (MVAr)											
Capital Investment Requirements(in Million Php)	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	TOTAL
Distribution/Sub-transmission Facilities	7	13	8	6	6	6	6	6	6	6	69
<i>Expansion</i>	7		8								15
<i>Rehabilitation</i>		13		6	6	6	6	6	6	6	54
Substation Projects											
Electrification Projects	9	12	6	6	5	5	5	5	5	5	63
<b>Total</b>	<b>16</b>	<b>25</b>	<b>13</b>	<b>12</b>	<b>11</b>	<b>11</b>	<b>11</b>	<b>11</b>	<b>11</b>	<b>11</b>	<b>132</b>
Level of Electrification	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	
Barangay Level (%)	97%	97%	97%	97%	97%	97%	97%	97%	97%	97%	
No. of Barangays Electrified (On-Grid)	95	95	95	95	95	95	95	95	95	95	
No. of Barangays Electrified (Off-Grid)											
<b>Total</b>	<b>95</b>	<b>95</b>	<b>95</b>	<b>95</b>	<b>95</b>	<b>95</b>	<b>95</b>	<b>95</b>	<b>95</b>	<b>95</b>	
Household Level (%)	62%	66%	70%	73%	76%	79%	82%	84%	86%	88%	
No. of Households Electrified (On-Grid)	17,890	19,321	20,867	22,536	23,889	25,322	26,841	28,183	29,593	31,072	
No. of Households Electrified (Off-Grid)											
<b>Total</b>	<b>17,890</b>	<b>19,321</b>	<b>20,867</b>	<b>22,536</b>	<b>23,889</b>	<b>25,322</b>	<b>26,841</b>	<b>28,183</b>	<b>29,593</b>	<b>31,072</b>	

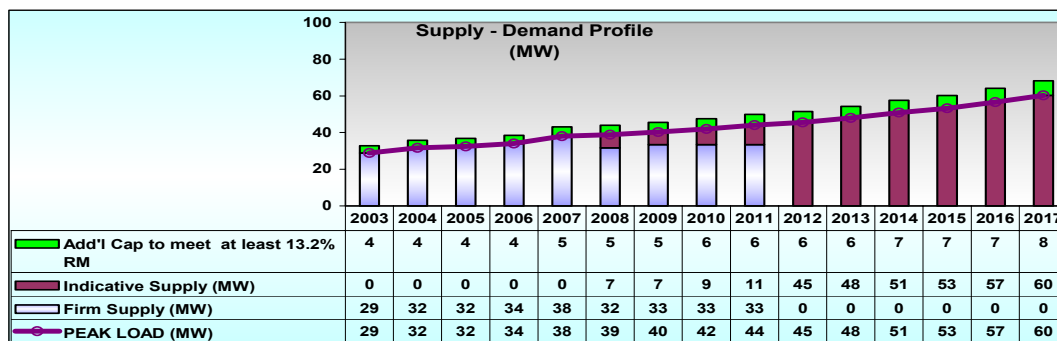
Franchise Coverage:

5 Municipalities namely: Jordan, Buenavista, Nueva Valencia, Sibunag, and San Lorenzo.

REGION 7  
ELECTRIC COOPERATIVES

## Negros Oriental II Electric Cooperative, Inc. (NORECO II)

General Information	
Location	Real Street, Dumaguete City
Contact Person	Ephraim T. Taclob
Position	General Manager
Tel. No:	(035) 225-7239
Fax No:	(035) 225-7239
E-mail Address	
Coverage Area	
No. of barangays	272
Franchise Population	
SUPPLY HIGHLIGHTS	



No. of Customers	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	AAGR
Residential	78,313	81,395	85,024	88,782	92,171	95,068	97,949	100,825	103,707	106,676	3%
Commercial	7,601	7,763	7,934	8,092	8,253	8,417	8,584	8,756	8,930	9,108	2%
Industrial	97	97	98	99	100	100	101	102	103	104	1%
Others	3,672	3,674	3,677	3,684	3,688	3,691	3,699	3,703	3,707	3,711	0.4%
<b>Total</b>	<b>89,683</b>	<b>92,929</b>	<b>96,732</b>	<b>100,657</b>	<b>104,211</b>	<b>107,276</b>	<b>110,334</b>	<b>113,385</b>	<b>116,447</b>	<b>119,599</b>	<b>3%</b>
Energy Sales per Customer Type (MWh)	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	AAGR
Residential	86,618	91,163	96,269	101,829	107,817	114,432	122,620	131,385	140,768	150,823	6%
Commercial	65,861	68,589	71,852	75,501	79,357	83,610	88,688	94,343	100,374	106,802	5%
Industrial	4,648	4,797	4,959	5,129	5,305	5,492	5,686	5,887	6,095	6,310	3%
Others	17,702	18,020	18,358	18,746	19,139	19,502	19,926	20,305	20,690	21,138	2%
<b>Total</b>	<b>174,829</b>	<b>182,569</b>	<b>191,439</b>	<b>201,205</b>	<b>211,618</b>	<b>223,037</b>	<b>236,920</b>	<b>251,919</b>	<b>267,927</b>	<b>285,073</b>	<b>5%</b>
Projected Infrastructure Requirements	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	TOTAL
Distribution/Sub-transmission Facilities	94	76	39	40	17	26	11	26	17	12	357
<i>Expansion(ckt-km)</i>	55	63	30	38	13	21	6	17	10	4	258
<i>Rehabilitation(ckt-km)</i>	39	13	9	2	4	5	5	9	7	7	99
Substation Capacity (MVA)	5			5							10
Reactive Power Compensation Plan (MVAr)											
Capital Investment Requirements(in Million Php)	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	TOTAL
Distribution/Sub-transmission Facilities	89	41	28	25	12	11	8	12	13	11	249
<i>Expansion</i>	52	34	22	24	9	8	4	8	8	4	173
<i>Rehabilitation</i>	37	7	6	1	3	2	4	4	5	7	76
Substation Projects	86			18							104
Electrification Projects	66	38	20	26	25	30	28	27	32	28	320
<b>Total</b>	<b>241</b>	<b>79</b>	<b>48</b>	<b>69</b>	<b>37</b>	<b>41</b>	<b>36</b>	<b>39</b>	<b>45</b>	<b>39</b>	<b>673</b>
Level of Electrification	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	
<b>Barangay Level (%)</b>	<b>99%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	
No. of Barangays Electrified (On-Grid)	270	272	272	272	272	272	272	272	272	272	
No. of Barangays Electrified (Off-Grid)											
<b>Total</b>	<b>270</b>	<b>272</b>	<b>272</b>	<b>272</b>	<b>272</b>	<b>272</b>	<b>272</b>	<b>272</b>	<b>272</b>	<b>272</b>	
<b>Household Level (%)</b>	<b>52%</b>	<b>52%</b>	<b>52%</b>	<b>52%</b>	<b>52%</b>	<b>52%</b>	<b>52%</b>	<b>52%</b>	<b>52%</b>	<b>52%</b>	
No. of Households Electrified (On-Grid)	78,126	80,469	82,883	85,370	87,931	90,569	93,286	96,085	98,967	101,936	
No. of Households Electrified (Off-Grid)											
<b>Total</b>	<b>78,126</b>	<b>80,469</b>	<b>82,883</b>	<b>85,370</b>	<b>87,931</b>	<b>90,569</b>	<b>93,286</b>	<b>96,085</b>	<b>98,967</b>	<b>101,936</b>	

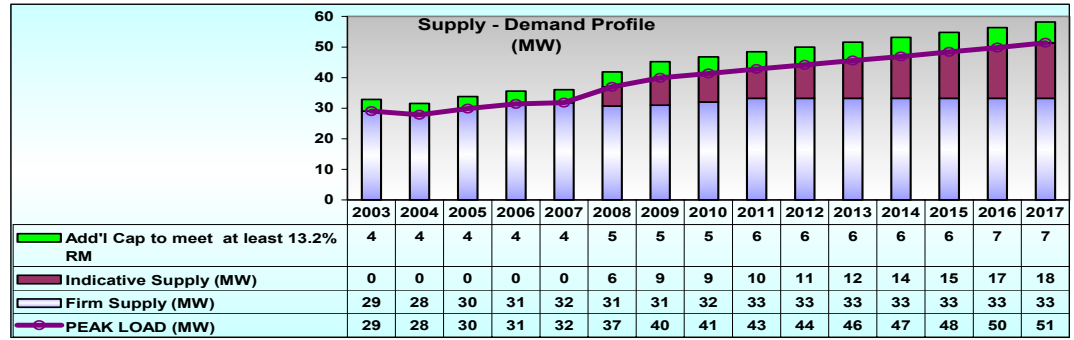
Franchise Coverage:

Southern Part of Oriental Negro: Pamplona, Tanjay, Amlan, San Jose, Sibulan, Dumaguete City, Valencia, Bacong, Dauin, Zamboanguita, Siaton, Sta. Catalina, Bayawan, and Basay.



## Cebu II Electric Cooperative, Inc. (CEBECO II)

General Information	
Location	Malingin, Bogo City, Cebu
Contact Person	Peter B. Seneres
Position	General Manager
Tel. No:	(032)4348555
Fax No:	(032)2512154
E-mail Address	cebeco2@yahoo.com
Coverage Area	
No. of barangays	323
Franchise Population	
SUPPLY HIGHLIGHTS	
Transition Supply Contract with NPC expires on December 25, 2010. To address the requirements thereafter, the utility signed a 10-year Power Supply Contract with KEPCO-Salcon Power Corporation. Other requirements maybe sourced from the Spot Market or other IPPs.	



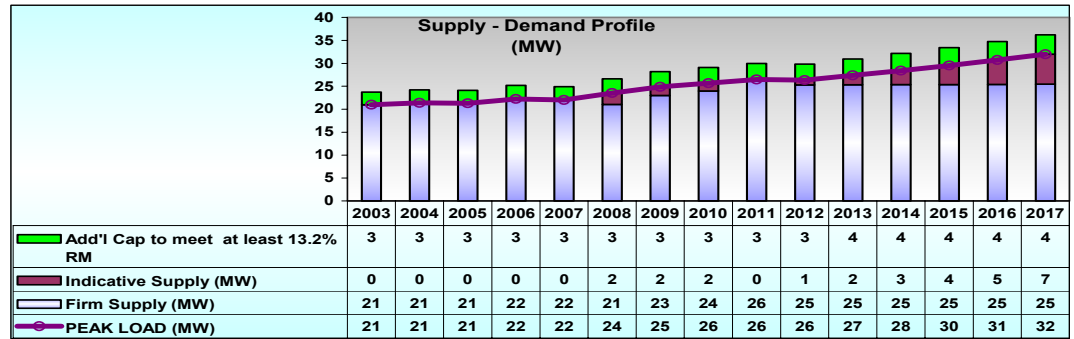
No. of Customers	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	AAGR
Residential	83,702	86,374	88,991	91,670	94,351	97,060	99,842	102,700	105,635	108,620	3%
Commercial	7,583	7,830	8,092	8,345	8,445	8,543	8,640	8,734	8,825	8,912	2%
Industrial	47	48	49	50	51	52	53	54	55	56	2%
Others	4,581	4,576	4,577	4,581	4,571	4,572	4,574	4,564	4,564	4,565	0.1%
<b>Total</b>	<b>95,913</b>	<b>98,827</b>	<b>101,709</b>	<b>104,646</b>	<b>107,417</b>	<b>110,227</b>	<b>113,109</b>	<b>116,052</b>	<b>119,079</b>	<b>122,154</b>	<b>3%</b>
Energy Sales per Customer Type (MWh)	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	AAGR
Residential	60,848	62,395	63,930	65,516	67,155	68,678	70,249	71,869	73,541	75,265	2%
Commercial	35,827	38,895	42,230	45,787	48,934	52,299	55,895	59,739	63,848	68,237	8%
Industrial	14,013	14,808	15,649	16,539	17,312	18,122	18,787	19,478	19,997	20,531	4%
Others	56,874	65,479	66,315	67,155	67,979	68,850	69,349	69,828	70,339	70,858	5%
<b>Total</b>	<b>167,562</b>	<b>181,577</b>	<b>188,124</b>	<b>194,996</b>	<b>201,380</b>	<b>207,948</b>	<b>214,280</b>	<b>220,913</b>	<b>227,725</b>	<b>234,892</b>	<b>5%</b>
Projected Infrastructure Requirements	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	TOTAL
Distribution/Sub-transmission Facilities	30	18	45	14	20	9	7	1	5	9	156
<i>Expansion(ckt-km)</i>	18	4	28	1	14	9	7	1	5	9	95
<i>Rehabilitation(ckt-km)</i>	11	14	17	13	6						61
Substation Capacity (MVA)	15	20	5	10	10	10	5	5	5	5	90
Reactive Power Compensation Plan (MVAr)											
Capital Investment Requirements(in Million Php)	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	TOTAL
Distribution/Sub-transmission Facilities	75	61	123	63	80	72	69	58	71	82	754
<i>Expansion</i>	47	13	77	5	57	72	69	58	71	82	551
<i>Rehabilitation</i>	28	48	46	58	24						203
Substation Projects	32	52	25	26	26	30	20	20	25	20	277
Electrification Projects	41	22	23	21	18	20	23	23	22	18	232
<b>Total</b>	<b>148</b>	<b>135</b>	<b>171</b>	<b>110</b>	<b>124</b>	<b>123</b>	<b>112</b>	<b>102</b>	<b>118</b>	<b>121</b>	<b>1,263</b>
Level of Electrification	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	
<b>Barangay Level (%)</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	
No of Barangays Electrified (On-Grid)	315	315	315	315	315	315	315	315	315	315	
No. of Barangays Electrified (Off-Grid)	8	8	8	8	8	8	8	8	8	8	
<b>Total</b>	<b>323</b>	<b>323</b>	<b>323</b>	<b>323</b>	<b>323</b>	<b>323</b>	<b>323</b>	<b>323</b>	<b>323</b>	<b>323</b>	
<b>Household Level (%)</b>	<b>56%</b>	<b>57%</b>	<b>58%</b>	<b>60%</b>	<b>61%</b>	<b>62%</b>	<b>63%</b>	<b>65%</b>	<b>66%</b>	<b>68%</b>	
No. of Households Electrified (On-Grid)	83,527	86,033	88,442	90,918	93,464	96,081	98,771	101,537	104,380	107,302	
No. of Households Electrified (Off-Grid)											
<b>Total</b>	<b>83,527</b>	<b>86,033</b>	<b>88,442</b>	<b>90,918</b>	<b>93,464</b>	<b>96,081</b>	<b>98,771</b>	<b>101,537</b>	<b>104,380</b>	<b>107,302</b>	

Franchise Coverage:

1 City (Danao) and 12 Municipalities (Compostela, Carmen, Catmon, Sogod, Borbon, Tabogon, Bogo, Sanremegio, Daan Bantayan, Medellin, Tabuelan, and Tuburan)

## Cebu I Electric Cooperative, Inc. (CEBECO I)

General Information	
Location	Bito-on, Dumaniug, Cebu
Contact Person	Marlou M. Rendon
Position	General Manager
Tel. No:	(032) 471-9002
Fax No:	(032) 471-9313
E-mail Address	cebeco1@yahoo.com / mmr052156@yahoo.com
Coverage Area	
No. of barangays	366
Franchise Population	
SUPPLY HIGHLIGHTS	
CEBECO I sources its power requirement from NPC and from its Mini Hydro Power Plants. CEBECO I has a Transition Supply Contract until December 2010. It has signed a bilateral contract with Kepco-Salcon Power Corporation (KSPC) from 2011 for ten years.	



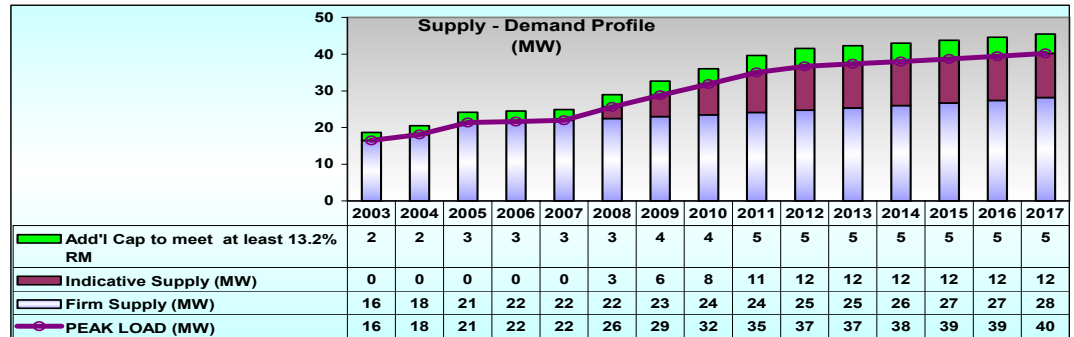
No. of Customers	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	AAGR
Residential	62,699	65,454	68,210	71,130	74,073	77,779	81,668	85,749	90,030	94,496	5%
Commercial	9,247	9,723	10,220	10,742	11,288	11,852	12,445	13,065	13,715	14,398	5%
Industrial	8	8	8	9	9	9	9	9	10	10	2%
Others	6,525	6,526	6,518	6,536	6,544	6,550	6,554	6,557	6,560	6,563	0.3%
<b>Total</b>	<b>78,479</b>	<b>81,712</b>	<b>84,957</b>	<b>88,416</b>	<b>91,914</b>	<b>96,190</b>	<b>100,676</b>	<b>105,380</b>	<b>110,314</b>	<b>115,466</b>	<b>4%</b>
Energy Sales per Customer Type (MWh)	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	AAGR
Residential	51,927	54,099	56,381	58,784	61,313	64,330	67,535	70,941	74,560	78,405	5%
Commercial	26,201	26,887	27,606	28,359	29,147	29,971	30,834	31,738	32,686	33,681	3%
Industrial	2,446	2,474	2,503	2,531	2,561	2,590	2,620	2,650	2,681	2,713	1%
Others	19,378	19,754	20,148	20,564	21,003	21,463	21,940	22,440	22,964	23,514	2%
<b>Total</b>	<b>99,953</b>	<b>103,214</b>	<b>106,637</b>	<b>110,239</b>	<b>114,023</b>	<b>118,354</b>	<b>122,929</b>	<b>127,769</b>	<b>132,891</b>	<b>138,312</b>	<b>4%</b>
Projected Infrastructure Requirements	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	TOTAL
Distribution/Sub-transmission Facilities	31	45	7	4	0	1	5	3	5		101
<i>Expansion(ckt-km)</i>	25	25	7	4	0	1	5	3	5		76
<i>Rehabilitation(ckt-km)</i>	6	19									26
Substation Capacity (MVA)	10	10	5								25
Reactive Power Compensation Plan (MVAr)	1	1	1	1	1	1	1	1	1	1	6
Capital Investment Requirements(in Million Php)	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	TOTAL
Distribution/Sub-transmission Facilities	75	34	17	18	15	1	2	2	4	0.1	168
<i>Expansion</i>	60	19	17	18	15	1	2	2	4		138
<i>Rehabilitation</i>	15	15								0.1	30
Substation Projects	24	24	18								66
Electrification Projects	35	17	14	13	13	16	17	18	19	19	180
<b>Total</b>	<b>134</b>	<b>75</b>	<b>48</b>	<b>31</b>	<b>29</b>	<b>17</b>	<b>19</b>	<b>19</b>	<b>23</b>	<b>19</b>	<b>414</b>
Level of Electrification	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	
<b>Barangay Level (%)</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	
No of Barangays Electrified (On-Grid)	363	363	363	363	363	363	363	363	363	363	
No. of Barangays Electrified (Off-Grid)	3	3	3	3	3	3	3	3	3	3	
<b>Total</b>	<b>366</b>	<b>366</b>	<b>366</b>	<b>366</b>	<b>366</b>	<b>366</b>	<b>366</b>	<b>366</b>	<b>366</b>	<b>366</b>	
<b>Household Level (%)</b>	<b>48%</b>	<b>49%</b>	<b>50%</b>	<b>51%</b>	<b>52%</b>	<b>54%</b>	<b>55%</b>	<b>57%</b>	<b>58%</b>	<b>60%</b>	
No. of Households Electrified (On-Grid)	62,372	64,867	67,462	70,160	72,967	76,615	80,446	84,468	88,691	93,126	
No. of Households Electrified (Off-Grid)											
<b>Total</b>	<b>62,372</b>	<b>64,867</b>	<b>67,462</b>	<b>70,160</b>	<b>72,967</b>	<b>76,615</b>	<b>80,446</b>	<b>84,468</b>	<b>88,691</b>	<b>93,126</b>	

Franchise Coverage:

18 Municipalities (Carcar, Sibonga, Argao, Dalaguete, Alcoy, Boljoon, Oslob, Santander, Samboan, Ginatilan, Malabuyoc, Alegria, Badian, Moalboal, Alcantara, Ronda, Dumanjug, and Barili.)

## Cebu III Electric Cooperative, Inc. (CEBECO III)

General Information	
Location	Luray II, Toledo City
Contact Person	Jevy O. Buensalida
Position	General Manager
Tel. No:	467-8298/467-8557
Fax No:	467-9682
E-mail Address	jevy@cebeco3.com.ph
Coverage Area	
No. of barangays	134
Franchise Population	
SUPPLY HIGHLIGHTS	
<p>CEBECO III shall construct a 10MVA Substation in Balamban to replace the contracted 5MVA Substation capacity from Aboitiz Energy Solutions. Furthermore CEBECO III will renegotiate its contract with its IPP, to increase the contracted demand from 15MW to 20MW.</p>	



No. of Customers	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	AAGR
Residential	48,501	51,402	54,498	57,597	60,744	63,744	66,966	70,277	73,754	77,407	5%
Commercial	4,027	4,110	4,193	4,243	4,299	4,337	4,380	4,424	4,468	4,512	1%
Industrial	17	17	17	17	17	17	17	17	17	17	0%
Others	723	723	723	723	723	724	724	724	724	724	0.1%
<b>Total</b>	<b>53,268</b>	<b>56,253</b>	<b>59,431</b>	<b>62,581</b>	<b>65,784</b>	<b>68,822</b>	<b>72,087</b>	<b>75,441</b>	<b>78,963</b>	<b>82,660</b>	<b>5%</b>
Energy Sales per Customer Type (MWh)	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	AAGR
Residential	33,717	35,658	37,829	40,220	42,807	45,516	48,383	51,376	54,546	57,905	6%
Commercial	11,622	12,187	12,792	13,347	13,920	14,488	15,078	15,690	16,326	16,987	5%
Industrial	3,533	3,604	3,676	3,750	3,787	3,825	3,863	3,902	3,941	3,980	1%
Others	90,779	105,748	119,234	133,700	139,663	139,787	139,912	140,037	140,164	140,292	7%
<b>Total</b>	<b>139,651</b>	<b>157,197</b>	<b>173,531</b>	<b>191,016</b>	<b>200,177</b>	<b>203,616</b>	<b>207,235</b>	<b>211,004</b>	<b>214,976</b>	<b>219,164</b>	<b>6%</b>
Projected Infrastructure Requirements	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	TOTAL
Distribution/Sub-transmission Facilities	25	3	24	4	20	17	12	13	18	25	161
<i>Expansion(ckt-km)</i>	17	1	19		18	9	8	7	14	4	96
<i>Rehabilitation(ckt-km)</i>	8	2	5	4	2	8	4	7	4	21	64
Substation Capacity (MVA)			10		5		5		5		25
Reactive Power Compensation Plan (MVAr)											
Capital Investment Requirements(in Million Php)	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	TOTAL
Distribution/Sub-transmission Facilities	41	15	38	14	33	20	19	18	26	23	248
<i>Expansion</i>	28	6	30	0	31	11	12	9	20	4	151
<i>Rehabilitation</i>	13	9	8	14	3	9	7	9	7	20	97
Substation Projects	38		32		24		24		24		142
Electrification Projects	20	12	12	12	14	13	12	13	13	16	137
<b>Total</b>	<b>99</b>	<b>27</b>	<b>82</b>	<b>26</b>	<b>71</b>	<b>33</b>	<b>55</b>	<b>31</b>	<b>63</b>	<b>39</b>	<b>527</b>
Level of Electrification	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	
<b>Barangay Level (%)</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	
No of Barangays Electrified (On-Grid)	114	114	114	114	114	114	114	114	114	114	
No. of Barangays Electrified (Off-Grid)	20	20	20	20	20	20	20	20	20	20	
<b>Total</b>	<b>134</b>	<b>134</b>	<b>134</b>	<b>134</b>	<b>134</b>	<b>134</b>	<b>134</b>	<b>134</b>	<b>134</b>	<b>134</b>	
<b>Household Level (%)</b>	<b>53%</b>	<b>54%</b>	<b>55%</b>	<b>56%</b>	<b>57%</b>	<b>58%</b>	<b>59%</b>	<b>59%</b>	<b>60%</b>	<b>61%</b>	
No. of Households Electrified (On-Grid)	48,429	51,238	54,210	57,300	60,451	63,534	66,775	70,113	73,619	77,300	
No. of Households Electrified (Off-Grid)											
<b>Total</b>	<b>48,429</b>	<b>51,238</b>	<b>54,210</b>	<b>57,300</b>	<b>60,451</b>	<b>63,534</b>	<b>66,775</b>	<b>70,113</b>	<b>73,619</b>	<b>77,300</b>	

Franchise Coverage:

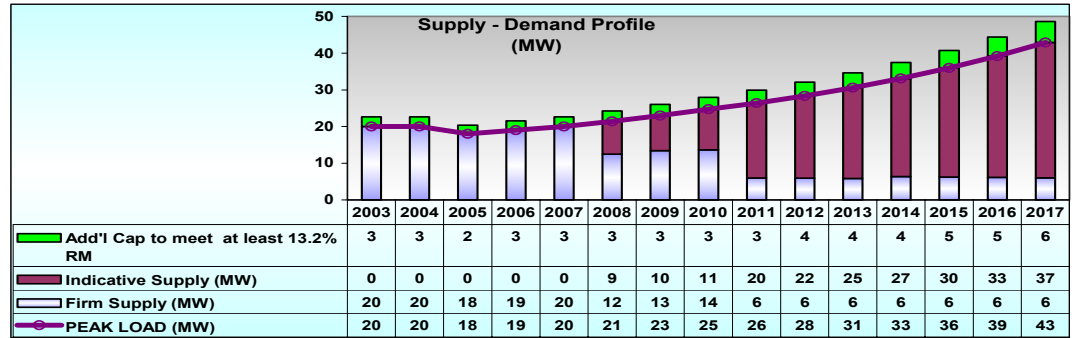
1 City / 4 Towns namely: Toledo City, Asturias, Balamban, Pinamungajan, and Aloguinsan.

## Bohol 1 Electric Cooperative, Inc. (BOHECO I)

General Information	
Location	Maca-as, Tubigon, Bohol
Contact Person	Carlos B. Itable
Position	General Manager
Tel. No:	(038) 508-0084 and 0085
Fax No:	(038) 508-8095
E-mail Address	
Coverage Area	2,444.3 sq.km.
No. of barangays	603
Franchise Population	

### SUPPLY HIGHLIGHTS

The requirements for substation capacity in order to address the increasing load was designed and evaluated to commission a 5 MVA substation in Maribojoc for 2008, and another 5 MVA in Panglao by 2009. Panglao Island is a famous tourist destination and there is a proposed international airport for construction. The firm supply from years 2011-2017 decreased as indicated in the graph because there is no more contract between Boheco 1 & Sta. Clara IPP due to small power capacity.



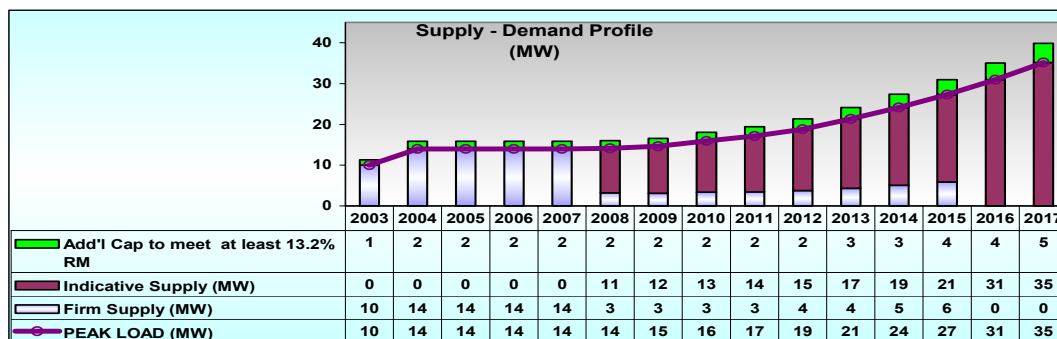
No. of Customers	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	AAGR
Residential	93,159	97,817	102,708	107,843	113,235	118,897	124,842	131,084	137,638	144,520	5%
Commercial	5,371	5,420	5,469	5,519	5,569	5,620	5,671	5,725	5,780	5,836	1%
Industrial	30	31	32	34	35	36	38	39	41	43	4%
Others	8,592	8,594	8,609	8,625	8,650	8,668	8,688	8,710	8,741	8,767	1%
<b>Total</b>	<b>107,152</b>	<b>111,862</b>	<b>116,819</b>	<b>122,020</b>	<b>127,488</b>	<b>133,221</b>	<b>139,239</b>	<b>145,558</b>	<b>152,199</b>	<b>159,165</b>	<b>5%</b>
Energy Sales per Customer Type (MWh)	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	AAGR
Residential	46,097	48,622	51,429	54,554	58,031	61,896	66,190	70,954	76,237	82,088	6%
Commercial	27,165	30,896	35,202	40,174	46,000	52,875	60,875	70,197	81,068	93,760	15%
Industrial	12,223	13,256	14,408	15,694	17,211	18,939	20,884	23,139	25,687	28,567	10%
Others	5,274	6,536	6,791	7,044	7,362	7,691	8,019	8,371	8,766	9,177	7%
<b>Total</b>	<b>90,759</b>	<b>99,310</b>	<b>107,830</b>	<b>117,465</b>	<b>128,605</b>	<b>141,402</b>	<b>155,968</b>	<b>172,662</b>	<b>191,757</b>	<b>213,592</b>	<b>10%</b>
Projected Infrastructure Requirements	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	TOTAL
Distribution/Sub-transmission Facilities	8	24	2	4							38
<i>Expansion(ckt-km)</i>	3	20									23
<i>Rehabilitation(ckt-km)</i>	5	4	2	4							15
Substation Capacity (MVA)	5	10									15
Reactive Power Compensation Plan (MVAr)											
Capital Investment Requirements(in Million Php)	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	TOTAL
Distribution/Sub-transmission Facilities	62	63	44	39	44	35	57	37	57	36	473
<i>Expansion</i>	24	51									76
<i>Rehabilitation</i>	38	11	44	39	44	35	57	37	57	36	397
Substation Projects	18	24									42
Electrification Projects	40	19	23	19	24	22	24	24	24	26	246
<b>Total</b>	<b>120</b>	<b>105</b>	<b>67</b>	<b>58</b>	<b>69</b>	<b>57</b>	<b>81</b>	<b>60</b>	<b>81</b>	<b>62</b>	<b>761</b>
Level of Electrification	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	
<b>Barangay Level (%)</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	
No of Barangays Electrified (On-Grid)	588	588	588	588	588	588	588	588	588	588	
No. of Barangays Electrified (Off-Grid)	15	15	15	15	15	15	15	15	15	15	
<b>Total</b>	<b>603</b>	<b>603</b>	<b>603</b>	<b>603</b>	<b>603</b>	<b>603</b>	<b>603</b>	<b>603</b>	<b>603</b>	<b>603</b>	
<b>Household Level (%)</b>	<b>80%</b>	<b>82%</b>	<b>84%</b>	<b>86%</b>	<b>88%</b>	<b>91%</b>	<b>93%</b>	<b>95%</b>	<b>98%</b>	<b>100%</b>	
No. of Households Electrified (On-Grid)	93,159	97,817	102,708	107,843	113,235	118,897	124,842	131,084	137,638	144,520	
No. of Households Electrified (Off-Grid)	2,058	2,100	2,150	2,200	2,240	2,280	2,300	2,310	2,320	2,321	
<b>Total</b>	<b>95,217</b>	<b>99,917</b>	<b>104,858</b>	<b>110,043</b>	<b>115,475</b>	<b>121,177</b>	<b>127,142</b>	<b>133,394</b>	<b>139,958</b>	<b>146,841</b>	

### Franchise Coverage:

(Tubigon, Calape, Lo-On, Antequera, Maribojoc, Clarin, Inabanga, Sagbayan, Carmen, Batuan, Bilar, San Isidro, Catigbian, Balilihan, Dauis, Panglao, Baclayon, Alburquerque, Loay, Lila, Dimiao, Loboc, Sevilla, Corella, Sikatuna, and Cortes.

## Bohol II Electric Cooperative, Inc. (BOHECO II)

General Information	
Location	Cantagay, Jagna, Bohol
Contact Person	Eugenio R. Tan Sr.
Position	Resident Manager
Tel. No:	(038 ) 531-0023
Fax No:	(038) 531-0053
E-mail Address	bohecojagna@yahoo.com
Coverage Area	
No. of barangays	491
Franchise Population	



**SUPPLY HIGHLIGHTS**

BOHECO II has a Transition Supply Contract (TSC) with TRANSCO for a period of 10 years (from October 2005 to September 2016).

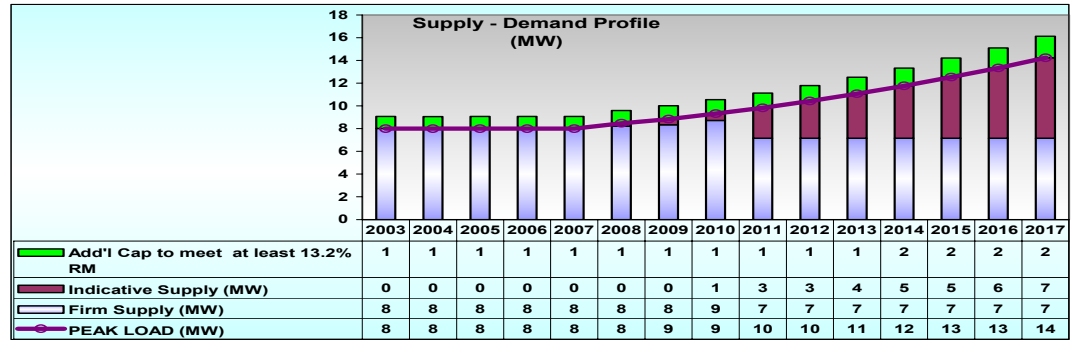
No. of Customers	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	AAGR
Residential	82,840	92,128	99,630	106,983	114,984	123,011	130,987	138,827	146,445	153,751	8%
Commercial	4,672	5,103	5,573	6,085	6,645	7,256	7,923	8,651	9,447	10,315	9%
Industrial	158	169	181	194	208	223	239	256	275	295	7%
Others	4,796	4,822	4,849	4,876	4,904	4,935	4,968	5,003	5,041	5,082	1%
<b>Total</b>	<b>92,466</b>	<b>102,222</b>	<b>110,234</b>	<b>118,138</b>	<b>126,741</b>	<b>135,425</b>	<b>144,117</b>	<b>152,738</b>	<b>161,208</b>	<b>169,443</b>	<b>7%</b>
Energy Sales per Customer Type (MWh)	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	AAGR
Residential	34,838	40,030	45,354	52,467	60,627	69,803	80,076	91,519	104,539	119,636	15%
Commercial	10,352	11,555	12,922	14,794	16,956	19,456	22,348	25,696	29,682	34,554	14%
Industrial	4,271	4,651	5,072	5,633	6,260	6,963	7,751	8,633	9,651	10,858	11%
Others	5,470	5,673	5,886	6,144	6,406	6,676	6,903	7,140	7,394	7,668	4%
<b>Total</b>	<b>54,932</b>	<b>61,909</b>	<b>69,234</b>	<b>79,038</b>	<b>90,249</b>	<b>102,898</b>	<b>117,077</b>	<b>132,987</b>	<b>151,265</b>	<b>172,716</b>	<b>14%</b>
Projected Infrastructure Requirements	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	TOTAL
Distribution/Sub-transmission Facilities	4										4
<i>Expansion(ckt-km)</i>	4										4
<i>Rehabilitation(ckt-km)</i>											
Substation Capacity (MVA)	5										5
Reactive Power Compensation Plan (MVAr)											
Capital Investment Requirements(in Million Php)	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	TOTAL
Distribution/Sub-transmission Facilities	32	18									49
<i>Expansion</i>	32										32
<i>Rehabilitation</i>		18									18
Substation Projects	16										16
Electrification Projects	11	10	9	9	10	10	10	10	10	10	99
<b>Total</b>	<b>59</b>	<b>28</b>	<b>9</b>	<b>9</b>	<b>10</b>	<b>10</b>	<b>10</b>	<b>10</b>	<b>10</b>	<b>10</b>	<b>164</b>
Level of Electrification	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	
<b>Barangay Level (%)</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	
No of Barangays Electrified (On-Grid)	461	461	461	461	461	461	461	461	461	461	
No. of Barangays Electrified (Off-Grid)	30	30	30	30	30	30	30	30	30	30	
<b>Total</b>	<b>491</b>	<b>491</b>	<b>491</b>	<b>491</b>	<b>491</b>	<b>491</b>	<b>491</b>	<b>491</b>	<b>491</b>	<b>491</b>	
<b>Household Level (%)</b>	<b>64%</b>	<b>69%</b>	<b>73%</b>	<b>76%</b>	<b>80%</b>	<b>84%</b>	<b>87%</b>	<b>90%</b>	<b>93%</b>	<b>95%</b>	
No. of Households Electrified (On-Grid)	82,753	92,021	99,383	106,837	114,849	122,889	130,876	138,729	146,359	153,677	
No. of Households Electrified (Off-Grid)											
<b>Total</b>	<b>82,753</b>	<b>92,021</b>	<b>99,383</b>	<b>106,837</b>	<b>114,849</b>	<b>122,889</b>	<b>130,876</b>	<b>138,729</b>	<b>146,359</b>	<b>153,677</b>	

Franchise Coverage:

21 Municipalities (Valencia, Garcia Hernandez, Jagna, Duero, Guindulman, Anda, Candijay, Mabini, Alicia, Ubay, Carlos P. Garcia Island, Trinidad, Bien Unido, Talibon, Jetafe, Buenavista, San Miguel, Dagohoy, Danao, Pilar, and Sierra Bullones)

## Negros Oriental I Electric Cooperative, Inc. (NORECO I)

General Information	
Location	Tinaogan, Bindoy, Negros Oriental
Contact Person	Angelito A. Carrriaga
Position	General Manager
Tel. No:	(035) 405-3055
Fax No:	(035) 405-3001
E-mail Address	noreco1@yahoo.com
Coverage Area	2,425.20 sq.km.
No. of barangays	285
Franchise Population	
SUPPLY HIGHLIGHTS	
<p>With the commissioning of 3.75 MVA Mabinay Substation, it is expected that NORECO I will have a reliable and continuous power supply in the districts. Also, system loss reduction will be prioritized.</p>	



No. of Customers	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	AAGR
Residential	33,958	34,439	35,114	36,354	38,162	39,369	40,974	42,864	45,071	47,635	4%
Commercial	1,263	1,261	1,302	1,349	1,391	1,429	1,475	1,523	1,574	1,627	3%
Industrial	315	317	304	310	314	310	310	310	310	310	1%
Others	1,040	1,029	1,013	1,018	1,015	997	986	975	965	954	0%
<b>Total</b>	<b>36,577</b>	<b>37,046</b>	<b>37,732</b>	<b>39,031</b>	<b>40,881</b>	<b>42,105</b>	<b>43,745</b>	<b>45,672</b>	<b>47,919</b>	<b>50,526</b>	<b>4%</b>
Energy Sales per Customer Type (MWh)	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	AAGR
Residential	20,402	21,162	22,247	23,382	24,727	26,299	27,995	29,945	32,187	34,764	6%
Commercial	4,895	5,486	6,162	6,935	7,818	8,775	9,852	11,063	12,079	13,190	12%
Industrial	3,787	3,944	4,108	4,285	4,472	4,650	4,835	5,002	5,175	5,353	4%
Others	5,227	5,372	5,524	5,684	5,846	5,949	6,051	6,146	6,241	6,337	2%
<b>Total</b>	<b>34,311</b>	<b>35,964</b>	<b>38,041</b>	<b>40,286</b>	<b>42,863</b>	<b>45,672</b>	<b>48,733</b>	<b>52,157</b>	<b>55,682</b>	<b>59,642</b>	<b>6%</b>
Projected Infrastructure Requirements	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	TOTAL
Distribution/Sub-transmission Facilities	46	23	37	26	24	28	31	45	20	43	323
<i>Expansion(ckt-km)</i>	41	20	25	22	19	24	26	40	15	36	267
<i>Rehabilitation(ckt-km)</i>	5	3	12	5	5	5	5	5	5	8	57
Substation Capacity (MVA)											
Reactive Power Compensation Plan (MVAr)											
Capital Investment Requirements(in Million PhP)	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	TOTAL
Distribution/Sub-transmission Facilities	34	21	18	16	22	13	13	17	11	15	180
<i>Expansion</i>	30	18	12	14	17	11	11	15	9	12	149
<i>Rehabilitation</i>	4	3	6	3	5	2	2	2	3	3	31
Substation Projects											
Electrification Projects	11	11	11	12	17	7	6	7	9	11	102
<b>Total</b>	<b>45</b>	<b>32</b>	<b>29</b>	<b>28</b>	<b>38</b>	<b>19</b>	<b>20</b>	<b>24</b>	<b>20</b>	<b>26</b>	<b>282</b>
Level of Electrification	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	
<b>Barangay Level (%)</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	
No. of Barangays Electrified (On-Grid)	282	282	282	282	282	282	282	282	282	282	
No. of Barangays Electrified (Off-Grid)	3	3	3	3	3	3	3	3	3	3	
<b>Total</b>	<b>285</b>	<b>285</b>	<b>285</b>	<b>285</b>	<b>285</b>	<b>285</b>	<b>285</b>	<b>285</b>	<b>285</b>	<b>285</b>	
<b>Household Level (%)</b>	<b>27%</b>	<b>27%</b>	<b>27%</b>	<b>27%</b>	<b>27%</b>	<b>27%</b>	<b>27%</b>	<b>28%</b>	<b>28%</b>	<b>29%</b>	
No. of Households Electrified (On-Grid)	33,483	33,985	34,834	36,054	37,496	39,183	40,946	42,994	45,358	48,080	
No. of Households Electrified (Off-Grid)											
<b>Total</b>	<b>33,483</b>	<b>33,985</b>	<b>34,834</b>	<b>36,054</b>	<b>37,496</b>	<b>39,183</b>	<b>40,946</b>	<b>42,994</b>	<b>45,358</b>	<b>48,080</b>	

Franchise Coverage:

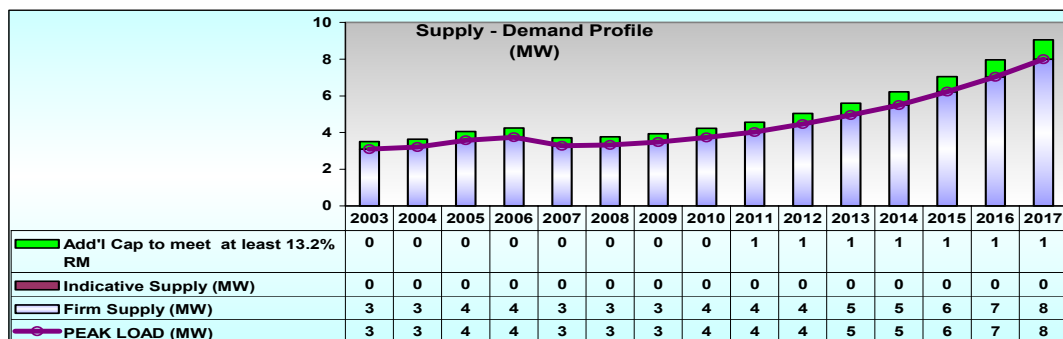
Municipalities of Mabinay, Manjuyod, Bindoy, Ayungon, Tayasan, Jimalalud, La Libertad, Vallehermoso and the cities of Bais, Guihulngan, and Canlaon.

## Bantayan Island Electric Cooperative, Inc. (BANELCO)

General Information	
Location	Balintawak, Bantique, Bantayan, Cebu
Contact Person	Oscar T. Seares
Position	General Manager
Tel. No:	(0460-9281
Fax No:	460-9281
E-mail Address	banelcoonline@yahoo.com
Coverage Area	
No. of barangays	49
Franchise Population	

### SUPPLY HIGHLIGHTS

The Power Supply Agreement between BANELCO and BIPCOR is the same with NPC in terms of supply and demand. In the years 2006 and 2007, BANELCO seemed to have a more sufficient supply because both NPC and BIPCOR are supplying but during this period, NPC serves only as back-up of BIPCOR as agreed by both power plants.



No. of Customers	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	AAGR
Residential	13,806	14,497	15,395	16,273	17,163	18,010	18,898	19,830	20,809	21,836	5%
Commercial	1,484	1,499	1,522	1,547	1,567	1,585	1,602	1,619	1,637	1,653	1%
Industrial	26	29	35	40	44	48	53	58	63	69	11%
Others	363	363	364	364	364	365	365	366	366	366	0.4%
<b>Total</b>	<b>15,680</b>	<b>16,388</b>	<b>17,315</b>	<b>18,224</b>	<b>19,139</b>	<b>20,007</b>	<b>20,918</b>	<b>21,873</b>	<b>22,875</b>	<b>23,924</b>	<b>5%</b>
Energy Sales per Customer Type (MWh)	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	AAGR
Residential	7,620	8,162	8,742	9,366	10,034	10,748	11,512	12,330	13,207	14,145	7%
Commercial	4,609	5,072	5,633	6,317	7,146	8,156	9,392	10,909	12,781	15,102	14%
Industrial	1,671	1,999	2,397	2,880	3,455	4,144	4,970	5,961	7,148	8,570	20%
Others	716	762	812	866	923	985	1,052	1,123	1,200	1,283	7%
<b>Total</b>	<b>14,617</b>	<b>15,995</b>	<b>17,585</b>	<b>19,429</b>	<b>21,559</b>	<b>24,033</b>	<b>26,925</b>	<b>30,323</b>	<b>34,336</b>	<b>39,101</b>	<b>11%</b>
Projected Infrastructure Requirements	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	TOTAL
Distribution/Sub-transmission Facilities	1	1	6	6	5						18
<i>Expansion(ckt-km)</i>			6	6	5						16
<i>Rehabilitation(ckt-km)</i>	1	1									2
Substation Capacity (MVA)											
Reactive Power Compensation Plan (MVAr)											
Capital Investment Requirements(in Million Php)	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	TOTAL
Distribution/Sub-transmission Facilities	4	3	7	6	6	2	2	2	2	2	35
<i>Expansion</i>			7	6	6						19
<i>Rehabilitation</i>	4	3				2	2	2	2	2	16
Substation Projects											
Electrification Projects	3	3	4	4	5	4	5	5	5	5	42
<b>Total</b>	<b>7</b>	<b>7</b>	<b>10</b>	<b>10</b>	<b>11</b>	<b>6</b>	<b>7</b>	<b>6</b>	<b>7</b>	<b>7</b>	<b>77</b>
Level of Electrification	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	
<b>Barangay Level (%)</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	
No. of Barangays Electrified (On-Grid)	43	43	43	43	43	43	43	43	43	43	
No. of Barangays Electrified (Off-Grid)	6	6	6	6	6	6	6	6	6	6	
<b>Total</b>	<b>49</b>	<b>49</b>	<b>49</b>	<b>49</b>	<b>49</b>	<b>49</b>	<b>49</b>	<b>49</b>	<b>49</b>	<b>49</b>	
<b>Household Level (%)</b>	<b>42%</b>	<b>43%</b>	<b>43%</b>	<b>44%</b>	<b>45%</b>	<b>46%</b>	<b>46%</b>	<b>47%</b>	<b>48%</b>	<b>49%</b>	
No. of Households Electrified (On-Grid)	13,806	14,497	15,222	15,983	16,782	17,621	18,502	19,427	20,398	21,418	
No. of Households Electrified (Off-Grid)											
<b>Total</b>	<b>13,806</b>	<b>14,497</b>	<b>15,222</b>	<b>15,983</b>	<b>16,782</b>	<b>17,621</b>	<b>18,502</b>	<b>19,427</b>	<b>20,398</b>	<b>21,418</b>	

Franchise Coverage:

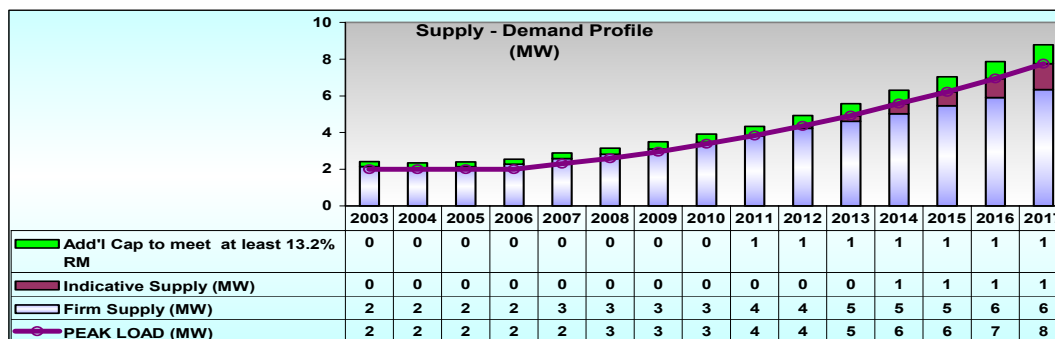
Covers 3 municipalities: Bantayan, Sta Fe, and Madridejos.

## Province of Siquijor Electric Cooperative, Inc. (PROSIELCO)

General Information	
Location	Nonoc, Larena, Siquijor
Contact Person	Laureen B. Malolot
Position	General Manager
Tel. No:	(035)-377-2065
Fax No:	(035)-377-2065
E-mail Address	prosielco23@yahoo.com.ph
Coverage Area	343.5 sq.km.
No. of barangays	134
Franchise Population	

### SUPPLY HIGHLIGHTS

PROSIELCO is being supplied power by the National Power Corporation Small Power Utility Group (NPC-SPUG). Its landbase DPP has a total capacity of 1.5 MW while the two power barges, PB 113 and PB 116 is rated 1 MW each.



No. of Customers	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	AAGR
Residential	12,598	13,134	13,685	14,263	14,844	15,291	15,745	16,213	16,695	17,191	4%
Commercial	1,651	1,705	1,760	1,816	1,873	1,913	1,953	1,994	2,035	2,077	3%
Industrial	117	120	122	124	127	128	130	131	132	133	2%
Others	697	699	701	703	703	696	696	696	697	697	0.3%
<b>Total</b>	<b>15,064</b>	<b>15,658</b>	<b>16,268</b>	<b>16,907</b>	<b>17,547</b>	<b>18,028</b>	<b>18,524</b>	<b>19,034</b>	<b>19,559</b>	<b>20,099</b>	<b>3%</b>
Energy Sales per Customer Type (MWh)	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	AAGR
Residential	6,245	7,193	8,320	9,575	11,040	12,649	14,486	16,433	18,639	21,138	15%
Commercial	3,426	3,991	4,682	5,374	6,196	7,106	8,159	9,091	10,132	11,296	14%
Industrial	242	259	278	295	312	328	345	359	373	388	6%
Others	1,916	2,058	2,212	2,336	2,468	2,578	2,723	2,849	2,981	3,120	6%
<b>Total</b>	<b>11,829</b>	<b>13,502</b>	<b>15,491</b>	<b>17,579</b>	<b>20,017</b>	<b>22,662</b>	<b>25,712</b>	<b>28,732</b>	<b>32,126</b>	<b>35,943</b>	<b>13%</b>
Projected Infrastructure Requirements	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	TOTAL
Distribution/Sub-transmission Facilities	2	5	5	5	8	5	5	5	1	5	45
<i>Expansion(ckt-km)</i>	1	1	2	2	2						3
<i>Rehabilitation(ckt-km)</i>	1	5	3	5	8	5	5	5	1	5	42
Substation Capacity (MVA)			0.2								0.2
Reactive Power Compensation Plan (MVAr)											
Capital Investment Requirements(in Million Php)	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	TOTAL
Distribution/Sub-transmission Facilities	3	2	3	3	3	2	3	3	3	3	26
<i>Expansion</i>	1	0.3	1								3
<i>Rehabilitation</i>	1	2	2	3	3	2	3	3	3	3	23
Substation Projects											
Electrification Projects	9	5	3	3	3	2	3	3	3	3	36
<b>Total</b>	<b>12</b>	<b>7</b>	<b>6</b>	<b>5</b>	<b>6</b>	<b>5</b>	<b>5</b>	<b>5</b>	<b>5</b>	<b>5</b>	<b>62</b>
Level of Electrification	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	
<b>Barangay Level (%)</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	
No. of Barangays Electrified (On-Grid)	134	134	134	134	134	134	134	134	134	134	
No. of Barangays Electrified (Off-Grid)											
<b>Total</b>	<b>134</b>	<b>134</b>	<b>134</b>	<b>134</b>	<b>134</b>	<b>134</b>	<b>134</b>	<b>134</b>	<b>134</b>	<b>134</b>	
<b>Household Level (%)</b>	<b>61%</b>	<b>62%</b>	<b>64%</b>	<b>65%</b>	<b>66%</b>	<b>67%</b>	<b>68%</b>	<b>68%</b>	<b>69%</b>	<b>70%</b>	
No. of Households Electrified (On-Grid)	12,564	13,067	13,589	14,133	14,698	15,139	15,594	16,061	16,543	17,039	
No. of Households Electrified (Off-Grid)											
<b>Total</b>	<b>12,564</b>	<b>13,067</b>	<b>13,589</b>	<b>14,133</b>	<b>14,698</b>	<b>15,139</b>	<b>15,594</b>	<b>16,061</b>	<b>16,543</b>	<b>17,039</b>	

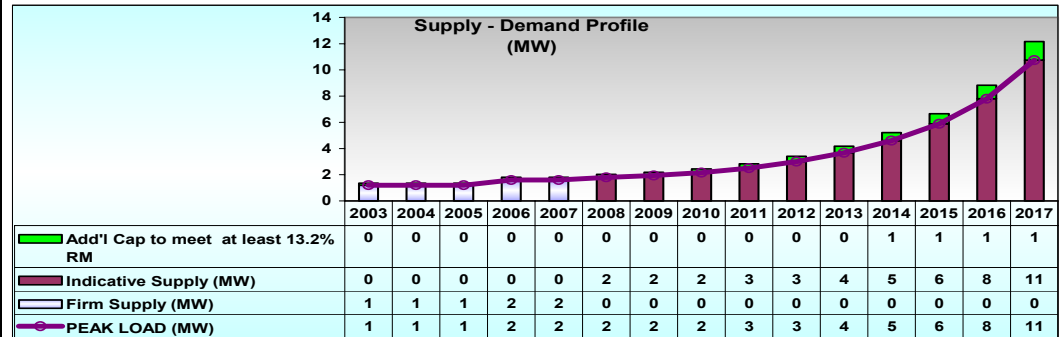
Franchise Coverage:

6 Municipalities: Siquijor, Larena, Enrique Villanueva, Maria, Lazi, and San Juan.



## Camotes Electric Cooperative, Inc. (CELCO)

General Information	
Location	Tamban, Western Pobo., Poro, Province of Cebu
Contact Person	Rolando B. Camaso
Position	General Manager
Tel. No:	(032) 497-0272
Fax No:	(032) 497-0273
E-mail Address	
Coverage Area	260 sq.km.
No. of barangays	56
Franchise Population	
SUPPLY HIGHLIGHTS	
CELCO's over-all system load factor is low because of the dominance of the residential consumers in the service area. All electricity requirement is purchased from NPC-SPUG.	



No. of Customers	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	AAGR
Residential	10,186	10,542	11,080	11,579	12,084	12,606	13,220	13,864	14,541	15,395	5%
Commercial	822	843	876	902	930	957	990	1,023	1,064	1,105	3%
Industrial	21	21	22	22	22	23	23	26	27	27	3%
Others	361	361	371	371	374	373	374	374	376	376	1%
<b>Total</b>	<b>11,390</b>	<b>11,767</b>	<b>12,349</b>	<b>12,874</b>	<b>13,410</b>	<b>13,959</b>	<b>14,607</b>	<b>15,288</b>	<b>16,007</b>	<b>16,903</b>	<b>4%</b>
Energy Sales per Customer Type (MWh)	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	AAGR
Residential	3,942	4,355	5,033	6,082	7,662	9,747	12,625	16,635	22,796	32,500	25%
Commercial	1,576	1,657	1,759	1,905	2,101	2,361	2,703	3,152	3,745	4,525	12%
Industrial	231	243	257	276	298	328	368	424	489	565	10%
Others	645	678	718	769	831	913	1,021	1,162	1,336	1,535	10%
<b>Total</b>	<b>6,394</b>	<b>6,932</b>	<b>7,768</b>	<b>9,031</b>	<b>10,892</b>	<b>13,349</b>	<b>16,718</b>	<b>21,372</b>	<b>28,366</b>	<b>39,126</b>	<b>21%</b>
Projected Infrastructure Requirements	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	TOTAL
Distribution/Sub-transmission Facilities			4	8	9	2	2				24
<i>Expansion(ckt-km)</i>			4	3	2	2					12
<i>Rehabilitation(ckt-km)</i>				5	7						12
Substation Capacity (MVA)											
Reactive Power Compensation Plan (MVar)											
Capital Investment Requirements(in Million PhP)	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	TOTAL
Distribution/Sub-transmission Facilities	1	0.4	2	4	2	1	1	0.4	0.4	0.4	13
<i>Expansion</i>			2	1		1	1				6
<i>Rehabilitation</i>	1	0.4		3	2			0.4	0.4	0.4	7
Substation Projects											
Electrification Projects	1	1	2	2	3	2	3	3	3	3	24
<b>Total</b>	<b>2</b>	<b>2</b>	<b>4</b>	<b>6</b>	<b>5</b>	<b>3</b>	<b>4</b>	<b>3</b>	<b>4</b>	<b>4</b>	<b>37</b>
Level of Electrification	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	
<b>Barangay Level (%)</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	
No. of Barangays Electrified (On-Grid)	56	56	56	56	56	56	56	56	56	56	
No. of Barangays Electrified (Off-Grid)											
<b>Total</b>	<b>56</b>	<b>56</b>	<b>56</b>	<b>56</b>	<b>56</b>	<b>56</b>	<b>56</b>	<b>56</b>	<b>56</b>	<b>56</b>	
<b>Household Level (%)</b>	<b>57%</b>	<b>58%</b>	<b>59%</b>	<b>60%</b>	<b>62%</b>	<b>64%</b>	<b>66%</b>	<b>68%</b>	<b>71%</b>	<b>74%</b>	
No. of Households Electrified (On-Grid)	10,186	10,542	10,911	11,348	11,801	12,333	12,949	13,597	14,276	15,133	
No. of Households Electrified (Off-Grid)											
<b>Total</b>	<b>10,186</b>	<b>10,542</b>	<b>10,911</b>	<b>11,348</b>	<b>11,801</b>	<b>12,333</b>	<b>12,949</b>	<b>13,597</b>	<b>14,276</b>	<b>15,133</b>	

Franchise Coverage:

4 Municipalities (Poro, Tudela, San Francisco, and Pilar)

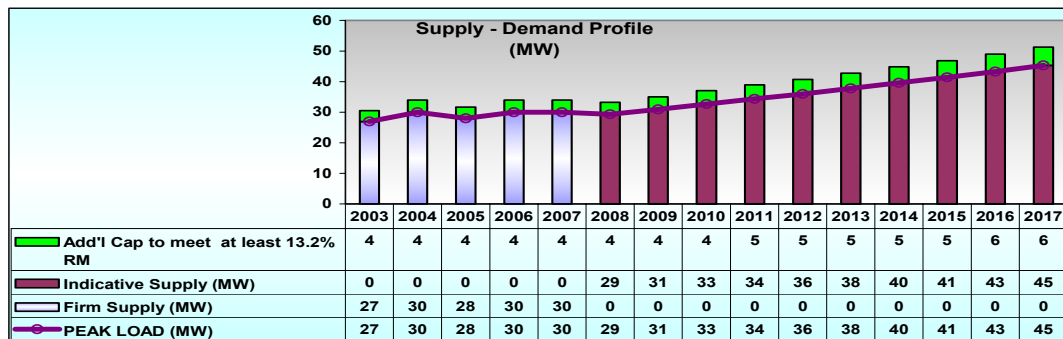
REGION 8  
ELECTRIC COOPERATIVES

## Leyte II Electric Cooperative, Inc. (LEYECO II)

General Information	
Location	Tacloban City, Palo, Babatngon
Contact Person	Atty. Jerry Gwen L. Conde, CPA
Position	General Manager
Tel. No:	(053) 321-1493
Fax No:	(053) 325-7199
E-mail Address	leyeco2@inet.com
Coverage Area	
No. of barangays	196
Franchise Population	

### SUPPLY HIGHLIGHTS

LEYECO II has replaced the 10 MVA transformer with a 20 MVA transformer at Abucay S/S last August. The 10 MVA transformer will be transferred to Sagcahan S/S to replace the existing 5 MVA transformer. This will eliminate the overloading of Sagcahan S/S hence reduction of system loss and improve reliability.



No. of Customers	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	AAGR
Residential	39,478	41,524	43,668	45,808	48,056	50,416	52,894	55,496	58,227	61,096	5%
Commercial	4,570	4,721	4,878	5,039	5,205	5,376	5,553	5,736	5,925	6,121	3%
Industrial	722	759	796	836	878	922	968	1,016	1,067	1,121	5%
Others	12,166	12,224	12,287	12,355	12,427	12,504	12,587	12,676	12,771	12,874	1%
<b>Total</b>	<b>56,936</b>	<b>59,228</b>	<b>61,629</b>	<b>64,038</b>	<b>66,566</b>	<b>69,218</b>	<b>72,002</b>	<b>74,924</b>	<b>77,990</b>	<b>81,212</b>	<b>4%</b>
Energy Sales per Customer Type (MWh)	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	AAGR
Residential	62,028	65,797	69,797	74,012	78,483	83,225	88,253	93,678	99,437	105,550	6%
Commercial	23,552	24,574	25,639	26,750	27,909	29,118	30,379	31,696	33,069	34,501	4%
Industrial	40,072	42,496	45,067	47,794	50,686	53,752	57,004	60,453	64,110	67,989	6%
Others	19,694	21,546	23,610	25,526	24,635	29,497	31,523	33,199	35,005	36,958	9%
<b>Total</b>	<b>145,346</b>	<b>154,413</b>	<b>164,113</b>	<b>174,082</b>	<b>181,713</b>	<b>195,592</b>	<b>207,159</b>	<b>219,026</b>	<b>231,621</b>	<b>244,998</b>	<b>6%</b>
Projected Infrastructure Requirements	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	TOTAL
Distribution/Sub-transmission Facilities	70	28									98
<i>Expansion(ckt-km)</i>	10	16									26
<i>Rehabilitation(ckt-km)</i>	60	12									72
Substation Capacity (MVA)						10					10
Reactive Power Compensation Plan (MVAr)											
Capital Investment Requirements(in Million Php)	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	TOTAL
Distribution/Sub-transmission Facilities	109	30									139
<i>Expansion</i>	15	17									33
<i>Rehabilitation</i>	93	13									106
Substation Projects						24					24
Electrification Projects	27	12	13	13	14	15	16	16	17	18	162
<b>Total</b>	<b>136</b>	<b>42</b>	<b>13</b>	<b>13</b>	<b>14</b>	<b>39</b>	<b>16</b>	<b>16</b>	<b>17</b>	<b>18</b>	<b>325</b>
Level of Electrification	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	
<b>Barangay Level (%)</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	
No. of Barangays Electrified (On-Grid)	196	196	196	196	196	196	196	196	196	196	
No. of Barangays Electrified (Off-Grid)											
<b>Total</b>	<b>196</b>	<b>196</b>	<b>196</b>	<b>196</b>	<b>196</b>	<b>196</b>	<b>196</b>	<b>196</b>	<b>196</b>	<b>196</b>	
<b>Household Level (%)</b>	<b>70%</b>	<b>72%</b>	<b>74%</b>	<b>75%</b>	<b>77%</b>	<b>79%</b>	<b>81%</b>	<b>83%</b>	<b>85%</b>	<b>88%</b>	
No. of Households Electrified (On-Grid)	38,830	40,772	42,810	44,951	47,198	49,558	52,036	54,638	57,370	60,238	
No. of Households Electrified (Off-Grid)											
<b>Total</b>	<b>38,830</b>	<b>40,772</b>	<b>42,810</b>	<b>44,951</b>	<b>47,198</b>	<b>49,558</b>	<b>52,036</b>	<b>54,638</b>	<b>57,370</b>	<b>60,238</b>	

Franchise Coverage:

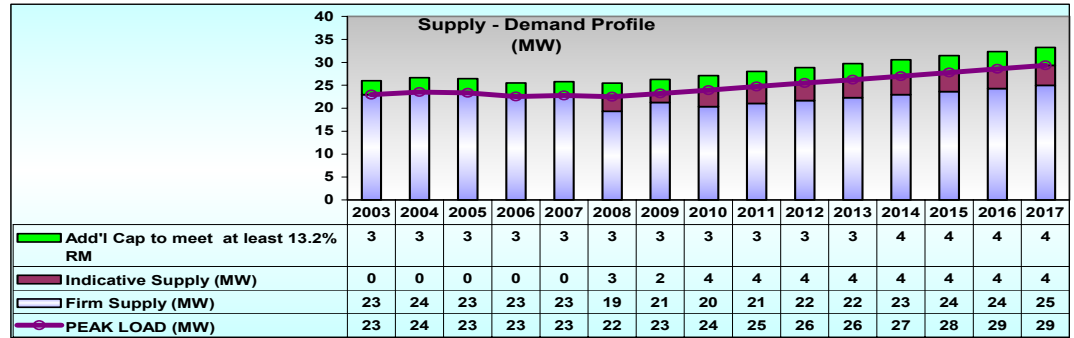
Tacloban City, Palo, and Babatngon.

## Leyte V Electric Cooperative, Inc. (LEYECO V)

General Information	
Location	Brqy. San Pablo, Ormoc City
Contact Person	Jovenal R. Alesna
Position	General Manager
Tel. No:	(053) 561-8240
Fax No:	(053) 561-4075
E-mail Address	www.leyeco5_it@yahoo.com
Coverage Area	
No. of barangays	414
Franchise Population	

### SUPPLY HIGHLIGHTS

By year 2009, a rehabilitated 5 MVA in Kamangga substation will be converted into a mobile substation to establish a reserve facility to ensure power and service reliability, considering the present increase of loads. With an average growth rate of 3.5 % for the years 2008-2018, its is projected that LEYECO V will be able to light up an average of 7,577 households every year.



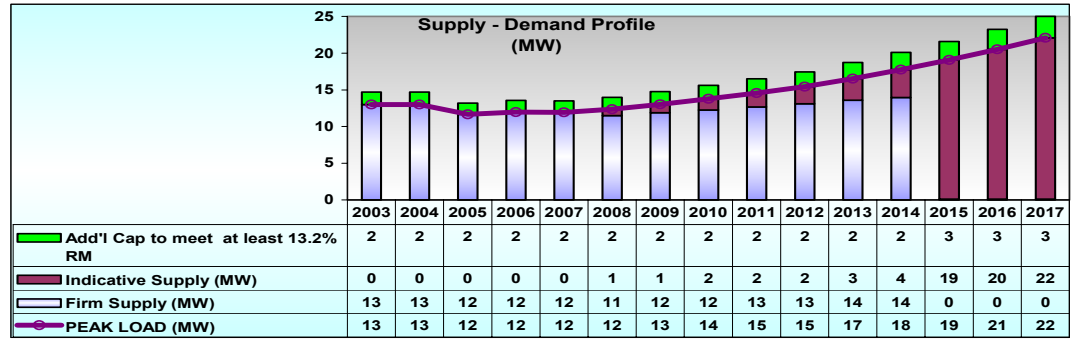
No. of Customers	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	AAGR
Residential	76,300	79,809	83,318	86,840	90,361	93,870	97,379	100,888	104,398	107,907	4%
Commercial	1,919	2,003	2,091	2,183	2,280	2,380	2,485	2,594	2,708	2,827	4%
Industrial	792	829	867	904	942	979	1,017	1,054	1,092	1,129	4%
Others	1,366	1,368	1,369	1,371	1,372	1,374	1,375	1,377	1,379	1,381	1%
<b>Total</b>	<b>80,377</b>	<b>84,009</b>	<b>87,645</b>	<b>91,298</b>	<b>94,954</b>	<b>98,603</b>	<b>102,256</b>	<b>105,913</b>	<b>109,576</b>	<b>113,244</b>	<b>4%</b>
Energy Sales per Customer Type (MWh)	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	AAGR
Residential	60,221	61,989	63,770	65,609	67,491	69,418	71,393	73,408	75,455	77,525	3%
Commercial	6,643	6,959	7,285	7,623	7,974	8,338	8,716	9,109	9,518	9,943	5%
Industrial	30,820	32,420	34,022	35,627	37,233	38,841	40,450	42,061	43,673	45,286	5%
Others	7,717	7,772	7,961	8,063	8,242	8,368	8,438	8,591	8,693	8,734	2%
<b>Total</b>	<b>105,401</b>	<b>109,140</b>	<b>113,039</b>	<b>116,921</b>	<b>120,940</b>	<b>124,964</b>	<b>128,996</b>	<b>133,168</b>	<b>137,339</b>	<b>141,488</b>	<b>3%</b>
Projected Infrastructure Requirements	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	TOTAL
Distribution/Sub-transmission Facilities	43	21	9	16	23	8	7	7	7	7	147
<i>Expansion(ckt-km)</i>	14	3	2	1	1	1	1				23
<i>Rehabilitation(ckt-km)</i>	29	18	7	15	22	7	7	7	7	7	124
Substation Capacity (MVA)											
Reactive Power Compensation Plan (MVAr)											
Capital Investment Requirements(in Million Php)	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	TOTAL
Distribution/Sub-transmission Facilities	51	36	28	33	38	27	27	27	27	27	320
<i>Expansion</i>	17	5	7	2	2	4	3				39
<i>Rehabilitation</i>	34	31	21	31	36	24	24	27	27	27	281
Substation Projects		1									1
Electrification Projects	19	12	11	12	16	21	19	12	12	13	146
<b>Total</b>	<b>70</b>	<b>49</b>	<b>39</b>	<b>45</b>	<b>54</b>	<b>48</b>	<b>46</b>	<b>38</b>	<b>38</b>	<b>39</b>	<b>467</b>
Level of Electrification	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	
<b>Barangay Level (%)</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	
No. of Barangays Electrified (On-Grid)	414	414	414	414	414	414	414	414	414	414	
No. of Barangays Electrified (Off-Grid)											
<b>Total</b>	<b>414</b>	<b>414</b>	<b>414</b>	<b>414</b>	<b>414</b>	<b>414</b>	<b>414</b>	<b>414</b>	<b>414</b>	<b>414</b>	
<b>Household Level (%)</b>	<b>65%</b>	<b>67%</b>	<b>69%</b>	<b>71%</b>	<b>73%</b>	<b>75%</b>	<b>76%</b>	<b>78%</b>	<b>80%</b>	<b>81%</b>	
No. of Households Electrified (On-Grid)	76,038	79,544	83,049	86,555	90,061	93,567	97,073	100,578	104,084	107,590	
No. of Households Electrified (Off-Grid)											
<b>Total</b>	<b>76,038</b>	<b>79,544</b>	<b>83,049</b>	<b>86,555</b>	<b>90,061</b>	<b>93,567</b>	<b>97,073</b>	<b>100,578</b>	<b>104,084</b>	<b>107,590</b>	

Franchise Coverage:

Third and fourth congressional districts of Leyte covering Ormoc City, Merida, Isabel, Palompon, Villaba, Tabango, San Isidro, Calubi-an, Leyte, and Albuera.

## Southern Leyte Electric Cooperative, Inc. (SOLECO)

General Information	
Location	Nasaua, Maasin City, Southern Leyte
Contact Person	Rosello S. Gerona
Position	General Manager
Tel. No:	(053) 381-2144
Fax No:	(053) 570-9823
E-mail Address	
Coverage Area	
No. of barangays	500
Franchise Population	



**SUPPLY HIGHLIGHTS**  
The long delayed construction of a 10 MVA substation in St. Bernard at the Pacific area is to improve service reliability and lower further SOLECO's system loss. In the last quarter of 2008, installation of primary and medium voltage protection at the Bontoc substation is planned for implementation. Use of digital kilowatt-hour meter will likewise be implemented. The over-all target is to lower system loss to 9% by the year 2010.

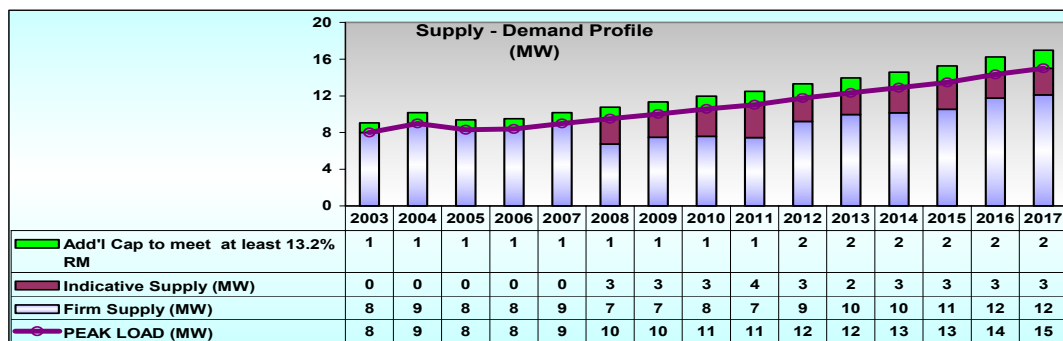
No. of Customers	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	AAGR
Residential	53,754	57,193	60,656	64,323	68,207	72,322	76,680	81,298	86,189	91,370	6%
Commercial	1,447	1,534	1,626	1,723	1,827	1,936	2,052	2,176	2,306	2,445	6%
Industrial	2	2	2	2	2	2	2	2	2	2	0%
Others	3,383	3,437	3,467	3,474	3,482	3,490	3,499	3,507	3,516	3,526	1%
<b>Total</b>	<b>58,585</b>	<b>62,166</b>	<b>65,750</b>	<b>69,522</b>	<b>73,518</b>	<b>77,750</b>	<b>82,233</b>	<b>86,982</b>	<b>92,013</b>	<b>97,343</b>	<b>6%</b>
Energy Sales per Customer Type (MWh)	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	AAGR
Residential	38,465	40,743	43,175	45,774	48,551	51,517	54,688	58,077	61,701	65,575	6%
Commercial	9,134	10,256	11,519	12,941	14,542	16,345	18,376	20,664	23,242	26,146	12%
Industrial	485	490	495	500	505	510	515	520	526	531	1%
Others	5,779	6,065	6,356	6,662	6,985	7,324	7,682	8,058	8,455	8,873	5%
<b>Total</b>	<b>53,863</b>	<b>57,554</b>	<b>61,545</b>	<b>65,878</b>	<b>70,583</b>	<b>75,697</b>	<b>81,261</b>	<b>87,320</b>	<b>93,923</b>	<b>101,125</b>	<b>7%</b>
Projected Infrastructure Requirements	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	TOTAL
Distribution/Sub-transmission Facilities	18	31									50
<i>Expansion(ckt-km)</i>	16	31									47
<i>Rehabilitation(ckt-km)</i>	3										3
Substation Capacity (MVA)		10					10				20
Reactive Power Compensation Plan (MVAr)											
Capital Investment Requirements(in Million Php)	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	TOTAL
Distribution/Sub-transmission Facilities	39	41	21	20	19	18	19	18	19	18	234
<i>Expansion</i>	34	41									75
<i>Rehabilitation</i>	6		21	20	19	18	19	18	19	18	160
Substation Projects		24					24				48
Electrification Projects	8	35	8	8	9	10	10	10	11	12	122
<b>Total</b>	<b>48</b>	<b>100</b>	<b>29</b>	<b>28</b>	<b>28</b>	<b>28</b>	<b>54</b>	<b>29</b>	<b>31</b>	<b>30</b>	<b>405</b>
Level of Electrification	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	
<b>Barangay Level (%)</b>	<b>98%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	
No of Barangays Electrified (On-Grid)	490	500	500	500	500	500	500	500	500	500	
No. of Barangays Electrified (Off-Grid)											
<b>Total</b>	<b>490</b>	<b>500</b>	<b>500</b>	<b>500</b>	<b>500</b>	<b>500</b>	<b>500</b>	<b>500</b>	<b>500</b>	<b>500</b>	
<b>Household Level (%)</b>	<b>60%</b>	<b>62%</b>	<b>65%</b>	<b>68%</b>	<b>70%</b>	<b>73%</b>	<b>77%</b>	<b>80%</b>	<b>83%</b>	<b>87%</b>	
No. of Households Electrified (On-Grid)	53,674	56,894	60,308	63,926	67,762	71,827	76,137	80,705	85,548	90,680	
No. of Households Electrified (Off-Grid)											
<b>Total</b>	<b>53,674</b>	<b>56,894</b>	<b>60,308</b>	<b>63,926</b>	<b>67,762</b>	<b>71,827</b>	<b>76,137</b>	<b>80,705</b>	<b>85,548</b>	<b>90,680</b>	

Franchise Coverage:

Maasin City, Macrohon, Padre Burgos, Malitbog, Tomas Oppus, Bontoc, Sogod, Libagon, Liloan, San Francisco, Pintuyan, San Ricardo, St. Bernard, San Juan, Anahawan, Hinundayan, Hinunangan, Silago, & Limasawa Island.

## Samar II Electric Cooperative, Inc. (SAMELCO II)

General Information	
Location	Paranas, Samar
Contact Person	Ponciano R. Rosales
Position	General Manager
Tel. No:	(055) 251-5646
Fax No:	(055) 251-5646
E-mail Address	samelcotwo@yahoo.com
Coverage Area	
No. of barangays	524
Franchise Population	
SUPPLY HIGHLIGHTS	
SAMELCO II upgraded its existing 5 MVA Catbalogan substation to 10 MVA during the first quarter of 2007. The existing 5 MVA will be reconditioned in preparation for capacity increase by year 2009 and an additional substation located in the town of Villareal, Samar will supply three (3) municipalities for the improvement of power quality and system loss reduction.	



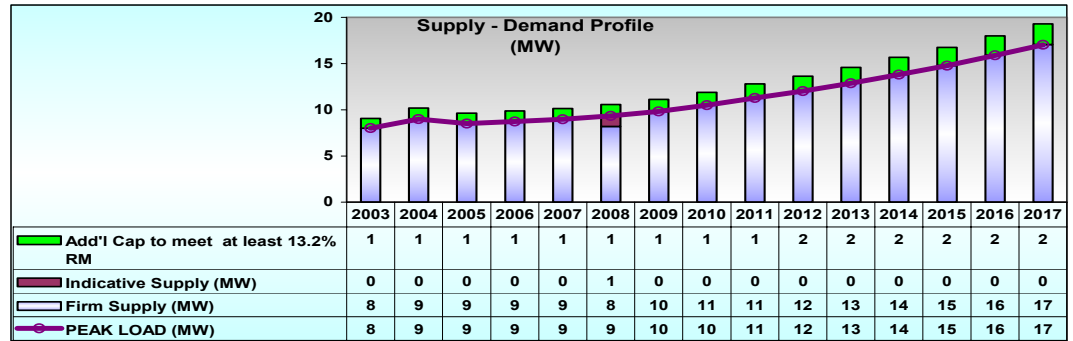
No. of Customers	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	AAGR
Residential	36,595	38,417	39,664	40,946	42,262	43,613	45,002	46,428	47,893	49,399	4%
Commercial	1,183	1,313	1,458	1,618	1,796	1,994	2,213	2,457	2,727	3,027	11%
Industrial	7	7	8	9	10	11	12	13	14	16	10%
Others	4,743	4,659	4,663	4,658	4,659	4,660	4,662	4,663	4,665	4,666	0.1%
<b>Total</b>	<b>42,528</b>	<b>44,397</b>	<b>45,794</b>	<b>47,231</b>	<b>48,727</b>	<b>50,278</b>	<b>51,888</b>	<b>53,561</b>	<b>55,299</b>	<b>57,107</b>	<b>4%</b>
Energy Sales per Customer Type (MWh)	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	AAGR
Residential	26,414	28,309	29,838	31,143	32,538	34,029	35,582	37,202	38,895	40,466	5%
Commercial	7,292	8,342	9,321	10,475	11,838	13,229	14,807	16,598	18,633	20,804	12%
Industrial	2,549	2,814	3,109	3,436	3,801	4,206	4,657	5,159	5,717	6,326	11%
Others	6,612	7,016	7,328	7,586	7,920	8,280	8,369	8,465	8,559	8,656	8%
<b>Total</b>	<b>42,867</b>	<b>46,482</b>	<b>49,596</b>	<b>52,641</b>	<b>56,097</b>	<b>59,744</b>	<b>63,414</b>	<b>67,424</b>	<b>71,805</b>	<b>76,251</b>	<b>7%</b>
Projected Infrastructure Requirements	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	TOTAL
Distribution/Sub-transmission Facilities	114	45	9								168
<i>Expansion(ckt-km)</i>	107	33									140
<i>Rehabilitation(ckt-km)</i>	7	12	9								27
Substation Capacity (MVA)		5									5
Reactive Power Compensation Plan (MVAr)											
Capital Investment Requirements(in Million Php)	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	TOTAL
Distribution/Sub-transmission Facilities	64	59	20	11	4						159
<i>Expansion</i>	61	44									105
<i>Rehabilitation</i>	4	15	20	11	4						55
Substation Projects		3									3
Electrification Projects	16	8	5	6	5	5	5	6	6	6	67
<b>Total</b>	<b>80</b>	<b>69</b>	<b>26</b>	<b>17</b>	<b>9</b>	<b>5</b>	<b>5</b>	<b>6</b>	<b>6</b>	<b>6</b>	<b>229</b>
Level of Electrification	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	
<b>Barangay Level (%)</b>	<b>98%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	
No. of Barangays Electrified (On-Grid)	479	479	479	479	479	479	479	479	479	479	
No. of Barangays Electrified (Off-Grid)	37	45	45	45	45	45	45	45	45	45	
<b>Total</b>	<b>516</b>	<b>524</b>	<b>524</b>	<b>524</b>	<b>524</b>	<b>524</b>	<b>524</b>	<b>524</b>	<b>524</b>	<b>524</b>	
<b>Household Level (%)</b>	<b>44%</b>	<b>45%</b>	<b>45%</b>	<b>45%</b>	<b>46%</b>	<b>46%</b>	<b>47%</b>	<b>47%</b>	<b>48%</b>	<b>48%</b>	
No. of Households Electrified (On-Grid)	35,961	37,400	38,522	39,677	40,868	42,094	43,356	44,657	45,997	47,377	
No. of Households Electrified (Off-Grid)											
<b>Total</b>	<b>35,961</b>	<b>37,400</b>	<b>38,522</b>	<b>39,677</b>	<b>40,868</b>	<b>42,094</b>	<b>43,356</b>	<b>44,657</b>	<b>45,997</b>	<b>47,377</b>	

Franchise Coverage:

Covers sixteen (16) Municipalities namely: Catbalogan, Jiabong, Motiong, Paranas, Hinabangan, Calbiga, Pinabacdao, Villareal, Talalora, Sta. Rita, Basey, Marabut, Daram, Zumarraga, San Sebastian, and San Jose De Buan.

## Eastern Samar Electric Cooperative, Inc. (ESAMELCO)

General Information	
Location	Cabonga, Borongan Eastern Samar
Contact Person	Engr. Nerjo T. Aberia, Jr.
Position	General Manager
Tel. No:	(055) 560-0030
Fax No:	(055) 560-0030
E-mail Address	
Coverage Area	
No. of barangays	596
Franchise Population	
SUPPLY HIGHLIGHTS	
ESAMELCO will renew the contracted energy to firm supplier as bilateral contract to ensure that increasing demand will be supplied.	



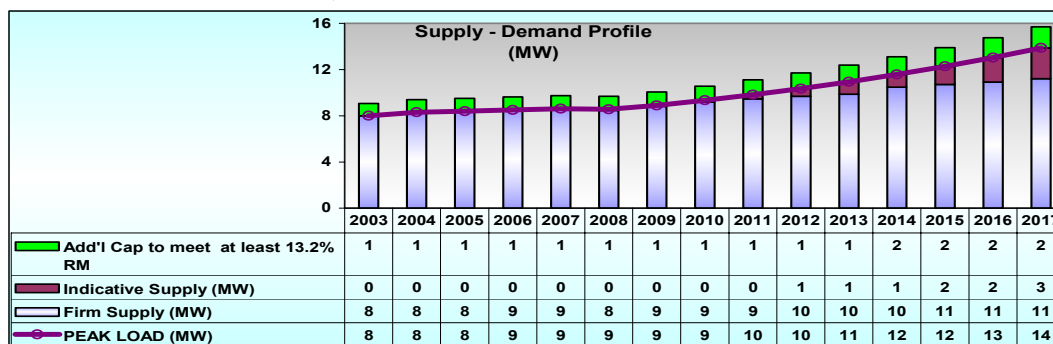
No. of Customers	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	AAGR
Residential	37,417	39,981	43,228	46,275	49,473	52,832	56,213	59,404	62,787	66,374	7%
Commercial	1,300	1,367	1,497	1,653	1,812	1,882	1,945	2,010	2,078	2,149	6%
Industrial	114	116	118	120	122	124	126	128	129	131	2%
Others	1,010	1,020	1,101	1,220	1,334	1,339	1,345	1,349	1,343	1,346	4%
<b>Total</b>	<b>39,841</b>	<b>42,485</b>	<b>45,946</b>	<b>49,268</b>	<b>52,741</b>	<b>56,178</b>	<b>59,628</b>	<b>62,891</b>	<b>66,338</b>	<b>70,000</b>	<b>7%</b>
Energy Sales per Customer Type (MWh)	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	AAGR
Residential	27,936	30,013	32,532	35,107	37,591	40,269	43,132	46,216	49,536	53,111	7%
Commercial	4,611	4,969	5,356	5,769	6,192	6,647	7,131	7,651	8,210	8,811	8%
Industrial	1,689	1,974	2,308	2,690	3,135	3,655	4,260	4,966	5,789	6,748	17%
Others	4,034	4,189	4,357	4,541	4,734	4,943	5,170	5,416	5,637	5,922	5%
<b>Total</b>	<b>38,271</b>	<b>41,146</b>	<b>44,553</b>	<b>48,107</b>	<b>51,652</b>	<b>55,513</b>	<b>59,693</b>	<b>64,248</b>	<b>69,172</b>	<b>74,592</b>	<b>8%</b>
Projected Infrastructure Requirements	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	TOTAL
Distribution/Sub-transmission Facilities	49	90									139
<i>Expansion(ckt-km)</i>	49	90									139
<i>Rehabilitation(ckt-km)</i>											
Substation Capacity (MVA)		10									10
Reactive Power Compensation Plan (MVAR)											
Capital Investment Requirements(in Million PhP)	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	TOTAL
Distribution/Sub-transmission Facilities	34	341	5	6	5	4	4	5	2	3	408
<i>Expansion</i>	34	341									375
<i>Rehabilitation</i>			5	6	5	4	4	5	2	3	34
Substation Projects		24									24
Electrification Projects	12	20	12	11	13	12	12	11	12	12	127
<b>Total</b>	<b>46</b>	<b>385</b>	<b>17</b>	<b>17</b>	<b>18</b>	<b>16</b>	<b>16</b>	<b>16</b>	<b>14</b>	<b>15</b>	<b>560</b>
Level of Electrification	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	
<b>Barangay Level (%)</b>	<b>89%</b>	<b>98%</b>	<b>98%</b>	<b>98%</b>	<b>98%</b>	<b>98%</b>	<b>98%</b>	<b>98%</b>	<b>98%</b>	<b>98%</b>	
No of Barangays Electrified (On-Grid)	531	555	555	555	555	555	555	555	555	555	
No. of Barangays Electrified (Off-Grid)	14	27	27	27	27	27	27	27	27	27	
<b>Total</b>	<b>545</b>	<b>582</b>	<b>582</b>	<b>582</b>	<b>582</b>	<b>582</b>	<b>582</b>	<b>582</b>	<b>582</b>	<b>582</b>	
<b>Household Level (%)</b>	<b>51%</b>	<b>54%</b>	<b>57%</b>	<b>60%</b>	<b>63%</b>	<b>66%</b>	<b>70%</b>	<b>74%</b>	<b>78%</b>	<b>82%</b>	
No. of Households Electrified (On-Grid)	37,149	39,564	42,136	44,664	47,344	50,184	53,195	56,387	59,770	63,357	
No. of Households Electrified (Off-Grid)											
<b>Total</b>	<b>37,149</b>	<b>39,564</b>	<b>42,136</b>	<b>44,664</b>	<b>47,344</b>	<b>50,184</b>	<b>53,195</b>	<b>56,387</b>	<b>59,770</b>	<b>63,357</b>	

**Franchise Coverage:**

23 Municipalities (Arteche, Balangiga, Balangkayan, Borongan, Can-Avid, Dolores, Gen. Mac Arthur, Giporlos, Guiuan, Hernani, Jipapad, Lawa-an, Llorente, Maslog, Maydolong, Mercedes, Oras, Quinapundan, Salcedo, San Julian, San Policarpio, Sulat, and Taft)

## Northern Samar Electric Cooperative, Inc. (NORSAMELCO)

General Information	
Location	Brqy. Magsaysay, Bobon, Northern Samar
Contact Person	Salavado G. Hernandez
Position	General Manager
Tel. No:	(055) 251-8163
Fax No:	(055) 251-8163
E-mail Address	
Coverage Area	
No. of barangays	569
Franchise Population	
SUPPLY HIGHLIGHTS	
By 2008, a 10 MVA is to be installed in Catarman to upgrade the existing 5 MVA. The existing 5 MVA at Catarman will be transferred to Lawaan, Laoang while the existing 3.75 MVA in Lawaan is to be decommissioned/retired.	



No. of Customers	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	AAGR
Residential	30,232	31,543	32,666	33,808	34,969	36,149	37,350	38,318	39,189	40,081	3%
Commercial	1,930	2,021	2,105	2,191	2,279	2,371	2,465	2,562	2,662	2,765	4%
Industrial	3	4	4	4	5	5	6	6	7	8	10%
Others	820	842	852	862	845	855	864	864	870	876	1%
<b>Total</b>	<b>32,985</b>	<b>34,410</b>	<b>35,626</b>	<b>36,864</b>	<b>38,098</b>	<b>39,380</b>	<b>40,685</b>	<b>41,750</b>	<b>42,728</b>	<b>43,731</b>	<b>3%</b>
Energy Sales per Customer Type (MWh)	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	AAGR
Residential	25,669	26,806	28,002	29,259	30,581	31,970	33,429	34,917	36,457	38,070	4%
Commercial	6,600	7,039	7,510	8,015	8,553	9,129	9,746	10,407	11,115	11,875	7%
Industrial	524	640	782	957	1,171	1,435	1,758	2,155	2,644	3,244	22%
Others	4,031	4,278	4,558	4,882	5,248	5,677	6,171	6,746	7,425	8,226	8%
<b>Total</b>	<b>36,823</b>	<b>38,763</b>	<b>40,852</b>	<b>43,113</b>	<b>45,554</b>	<b>48,210</b>	<b>51,104</b>	<b>54,225</b>	<b>57,640</b>	<b>61,414</b>	<b>6%</b>
Projected Infrastructure Requirements	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	TOTAL
Distribution/Sub-transmission Facilities	89	50									138
<i>Expansion(ckt-km)</i>	89	50									138
<i>Rehabilitation(ckt-km)</i>											
Substation Capacity (MVA)	10										10
Reactive Power Compensation Plan (MVAr)											
Capital Investment Requirements(in Million PhP)	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	TOTAL
Distribution/Sub-transmission Facilities	49	29									78
<i>Expansion</i>	49	29									78
<i>Rehabilitation</i>											
Substation Projects	18										18
Electrification Projects	7	6	5	5	5	4	4	4	3	3	47
<b>Total</b>	<b>75</b>	<b>35</b>	<b>5</b>	<b>5</b>	<b>5</b>	<b>4</b>	<b>4</b>	<b>4</b>	<b>3</b>	<b>3</b>	<b>143</b>
Level of Electrification	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	
<b>Barangay Level (%)</b>	<b>97%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	
No of Barangays Electrified (On-Grid)	517	534	534	534	534	534	534	534	534	534	
No. of Barangays Electrified (Off-Grid)	35	35	35	35	35	35	35	35	35	35	
<b>Total</b>	<b>552</b>	<b>569</b>	<b>569</b>	<b>569</b>	<b>569</b>	<b>569</b>	<b>569</b>	<b>569</b>	<b>569</b>	<b>569</b>	
<b>Household Level (%)</b>	<b>49%</b>	<b>50%</b>	<b>51%</b>	<b>52%</b>	<b>54%</b>	<b>55%</b>	<b>56%</b>	<b>58%</b>	<b>59%</b>	<b>60%</b>	
No. of Households Electrified (On-Grid)	29,309	30,042	30,793	31,562	32,351	33,160	33,989	34,839	35,710	36,603	
No. of Households Electrified (Off-Grid)											
<b>Total</b>	<b>29,309</b>	<b>30,042</b>	<b>30,793</b>	<b>31,562</b>	<b>32,351</b>	<b>33,160</b>	<b>33,989</b>	<b>34,839</b>	<b>35,710</b>	<b>36,603</b>	

Franchise Coverage:

24 Municipalities (Catarman, Bobon, San Jose, Lavezares, Allen, Victoria, San Isidro, San Antonio, Capul, Biri, Lope de Vega, Mondragon, San Roque, Pambujan, Lao-ang, Palapag, Mapanas, Gamay, Lapinig, Las Navas, Rosario, San Vicente, Silvino Lobos and Catubig)

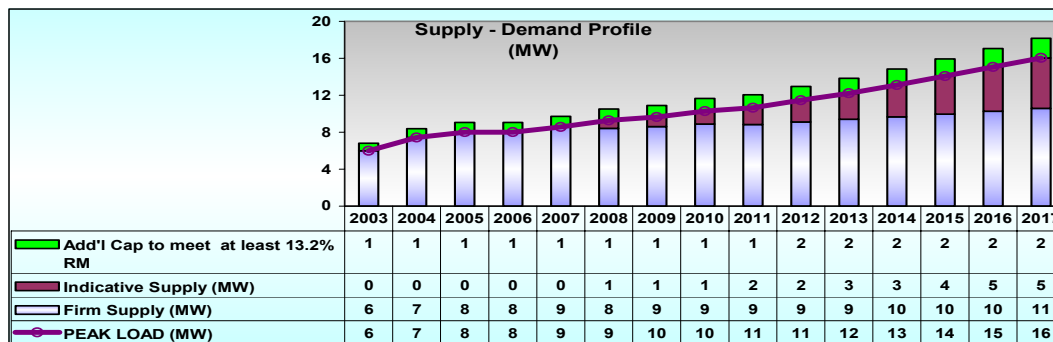


## Samar I Electric Cooperative, Inc. (SAMELCO I)

General Information	
Location	Caravman, Calbayog City
Contact Person	Placida P. Balios
Position	Officer-In-Charge
Tel. No:	(055) 2098-211, 2098-216
Fax No:	(055) 2098-211
E-mail Address	samelco_1@yahoo.com
Coverage Area	1,721 sq.km.
No. of barangays	427
Franchise Population	

### SUPPLY HIGHLIGHTS

SAMELCO I will install a 10 MVA substation at Capoocan to replace the overloaded 5 MVA substation. (With the improved power reliability, affordable power rates and the Calbayog City government's effort to invite investors to the city, it is expected that there will be a considerable increase in the energy and demand consumption of the coop).



No. of Customers	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	AAGR
Residential	35,778	38,857	41,779	44,889	48,202	51,258	54,485	57,891	61,488	64,692	7%
Commercial	2,262	2,433	2,616	2,810	3,017	3,237	3,472	3,723	3,990	4,275	7%
Industrial	2	2	2	2	2	2	2	2	2	2	1%
Others	3,467	3,498	3,529	3,561	3,589	3,620	3,651	3,682	3,713	3,745	1%
<b>Total</b>	<b>41,510</b>	<b>44,791</b>	<b>47,926</b>	<b>51,262</b>	<b>54,810</b>	<b>58,118</b>	<b>61,610</b>	<b>65,298</b>	<b>69,193</b>	<b>72,713</b>	<b>7%</b>
Energy Sales per Customer Type (MWh)	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	AAGR
Residential	22,084	24,407	26,631	29,160	31,931	34,490	37,247	40,330	43,445	46,367	9%
Commercial	6,330	6,802	7,275	7,808	8,381	8,998	9,640	10,329	11,098	11,922	7%
Industrial	6,815	7,156	7,549	7,965	8,403	8,907	9,441	10,008	10,608	11,245	6%
Others	4,553	4,886	5,251	5,560	5,867	6,213	6,576	6,919	7,279	7,658	6%
<b>Total</b>	<b>39,783</b>	<b>43,251</b>	<b>46,707</b>	<b>50,493</b>	<b>54,582</b>	<b>58,608</b>	<b>62,904</b>	<b>67,585</b>	<b>72,430</b>	<b>77,192</b>	<b>8%</b>
Projected Infrastructure Requirements	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	TOTAL
Distribution/Sub-transmission Facilities	31	16	32								78
<i>Expansion(ckt-km)</i>	31										31
<i>Rehabilitation(ckt-km)</i>		16	32								48
Substation Capacity (MVA)	10										10
Reactive Power Compensation Plan (MVAR)											
Capital Investment Requirements(in Million PhP)	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	TOTAL
Distribution/Sub-transmission Facilities	44	57	60	48	32	31					273
<i>Expansion</i>	44										44
<i>Rehabilitation</i>		57	60	48	32	31					228
Substation Projects	27										27
Electrification Projects	43	24	32	26	18	17	16	18	19	19	231
<b>Total</b>	<b>115</b>	<b>81</b>	<b>92</b>	<b>74</b>	<b>50</b>	<b>48</b>	<b>16</b>	<b>18</b>	<b>19</b>	<b>19</b>	<b>531</b>
Level of Electrification	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	
<b>Barangay Level (%)</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	
No of Barangays Electrified (On-Grid)	342	342	342	342	342	342	342	342	342	342	
No. of Barangays Electrified (Off-Grid)	85	85	85	85	85	85	85	85	85	85	
<b>Total</b>	<b>427</b>	<b>427</b>	<b>427</b>	<b>427</b>	<b>427</b>	<b>427</b>	<b>427</b>	<b>427</b>	<b>427</b>	<b>427</b>	
<b>Household Level (%)</b>	<b>58%</b>	<b>61%</b>	<b>65%</b>	<b>68%</b>	<b>72%</b>	<b>75%</b>	<b>78%</b>	<b>81%</b>	<b>85%</b>	<b>87%</b>	
No. of Households Electrified (On-Grid)	35,645	38,497	41,192	44,075	47,161	49,990	52,990	56,169	59,539	62,516	
No. of Households Electrified (Off-Grid)											
<b>Total</b>	<b>35,645</b>	<b>38,497</b>	<b>41,192</b>	<b>44,075</b>	<b>47,161</b>	<b>49,990</b>	<b>52,990</b>	<b>56,169</b>	<b>59,539</b>	<b>62,516</b>	

Franchise Coverage:

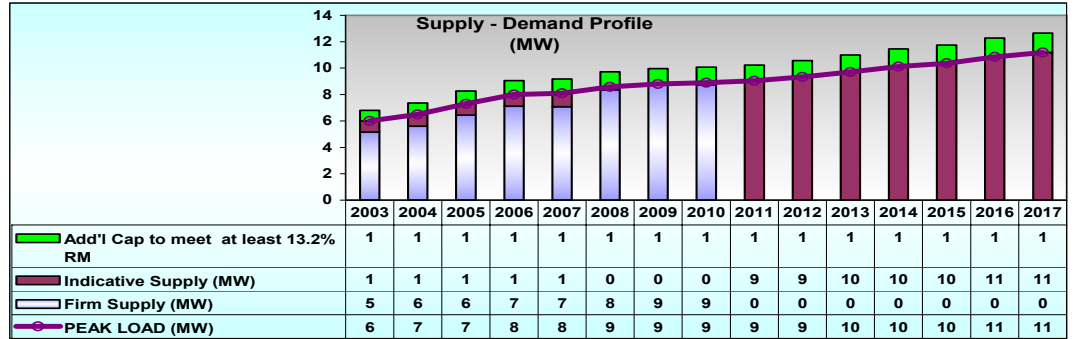
**ON GRID:** Calbayog City (Comprising 3 districts - Calbayog, Tinambacan, and Oquendo) Sta. Margarita, Gandara, San Jorge, Pagsanghan, Tarangnan, and Matuguinao. **OFF GRID-** Sto Nino, Almagro and Tagapulan

## Leyte IV Electric Cooperative, Inc. (LEYECO IV)

General Information	
Location	Brgy. Lamak, Hilongos, Leyte
Contact Person	Helen B. Ybañez
Position	General Manager
Tel. No:	(053) 567-9349
Fax No:	(053) 567-9661
E-mail Address	leyecoiv@yahoo.com
Coverage Area	
No. of barangays	245
Franchise Population	

### SUPPLY HIGHLIGHTS

The existing 3.75 MVA power transformer at Brgy. Gaas, Baybay will be recommissioned in order to augment the power capability of Baybay area. The EC will upgrade this substation's capacity by year 2110 from 3.75 to 5 MVA. Another substation is projected to be installed in the Municipality of Bato.



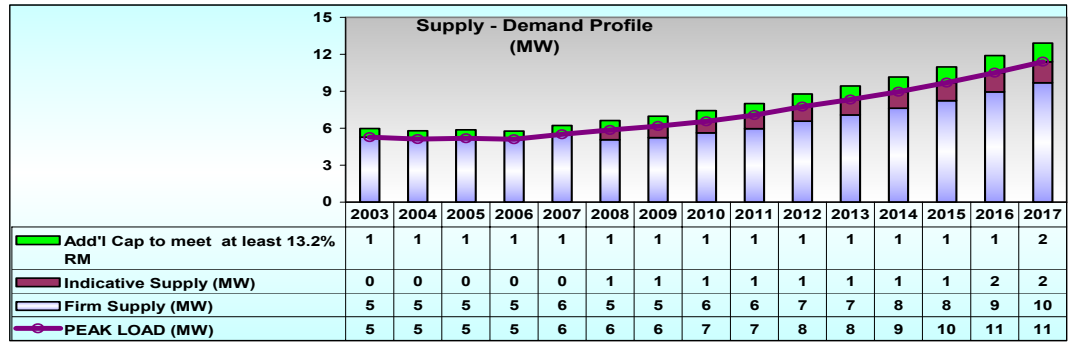
No. of Customers	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	AAGR
Residential	41,149	42,244	43,472	44,739	46,044	47,389	48,776	50,202	51,671	53,186	3%
Commercial	3,391	3,432	3,481	3,531	3,581	3,632	3,701	3,772	3,844	3,917	2%
Industrial	304	310	316	323	329	336	342	349	356	363	2%
Others	1,280	1,270	1,268	1,267	1,262	1,260	1,259	1,256	1,254	1,252	0.4%
<b>Total</b>	<b>46,124</b>	<b>47,255</b>	<b>48,538</b>	<b>49,859</b>	<b>51,216</b>	<b>52,617</b>	<b>54,078</b>	<b>55,579</b>	<b>57,125</b>	<b>58,719</b>	<b>3%</b>
Energy Sales per Customer Type (MWh)	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	AAGR
Residential	21,648	22,443	23,293	24,200	25,161	26,188	27,306	28,532	29,866	31,346	4%
Commercial	9,055	9,348	9,653	9,970	10,298	10,681	11,110	11,568	12,056	12,631	4%
Industrial	1,742	1,833	1,930	2,032	2,139	2,252	2,372	2,501	2,639	2,788	5%
Others	2,749	2,842	2,938	3,106	3,208	3,313	3,423	3,564	3,712	3,866	4%
<b>Total</b>	<b>35,194</b>	<b>36,466</b>	<b>37,814</b>	<b>39,308</b>	<b>40,806</b>	<b>42,435</b>	<b>44,211</b>	<b>46,164</b>	<b>48,273</b>	<b>50,631</b>	<b>4%</b>
Projected Infrastructure Requirements	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	TOTAL
Distribution/Sub-transmission Facilities	27	4	80								111
<i>Expansion(ckt-km)</i>	27	2	80								109
<i>Rehabilitation(ckt-km)</i>		2									2
Substation Capacity (MVA)			5								5
Reactive Power Compensation Plan (MVAr)											
Capital Investment Requirements(in Million PhP)	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	TOTAL
Distribution/Sub-transmission Facilities	25	7	0.3								32
<i>Expansion</i>	25	4	0.3								29
<i>Rehabilitation</i>		3									3
Substation Projects	5		6								11
Electrification Projects	10	13	9	5	5	5	5	6	6	6	70
<b>Total</b>	<b>39</b>	<b>20</b>	<b>15</b>	<b>5</b>	<b>5</b>	<b>5</b>	<b>5</b>	<b>6</b>	<b>6</b>	<b>6</b>	<b>113</b>
Level of Electrification	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	
<b>Barangay Level (%)</b>	<b>99%</b>	<b>99%</b>	<b>99%</b>	<b>99%</b>	<b>99%</b>	<b>99%</b>	<b>99%</b>	<b>99%</b>	<b>99%</b>	<b>99%</b>	
No of Barangays Electrified (On-Grid)	242	242	242	242	242	242	242	242	242	242	
No. of Barangays Electrified (Off-Grid)	2	2	2	2	2	2	2	2	2	2	
<b>Total</b>	<b>244</b>	<b>244</b>	<b>244</b>	<b>244</b>	<b>244</b>	<b>244</b>	<b>244</b>	<b>244</b>	<b>244</b>	<b>244</b>	
<b>Household Level (%)</b>	<b>74%</b>	<b>75%</b>	<b>76%</b>	<b>77%</b>	<b>78%</b>	<b>80%</b>	<b>81%</b>	<b>82%</b>	<b>83%</b>	<b>85%</b>	
No. of Households Electrified (On-Grid)	40,715	41,936	43,194	44,490	45,825	47,200	48,616	50,074	51,576	53,124	
No. of Households Electrified (Off-Grid)											
<b>Total</b>	<b>40,715</b>	<b>41,936</b>	<b>43,194</b>	<b>44,490</b>	<b>45,825</b>	<b>47,200</b>	<b>48,616</b>	<b>50,074</b>	<b>51,576</b>	<b>53,124</b>	

Franchise Coverage:

*Municipalities of Baybay, Inopacan, Hindang, Hilongos, Bato and Matalom.*

## Leyte III Electric Cooperative, Inc. (LEYECO III)

General Information	
Location	San Roque, Tunga, Leyte
Contact Person	Lolita M. Cadaban
Position	OIC - OGM
Tel. No:	(053) 331-8507
Fax No:	(053) 331-8522
E-mail Address	
Coverage Area	1,965 sq.km.
No. of barangays	285
Franchise Population	
SUPPLY HIGHLIGHTS	



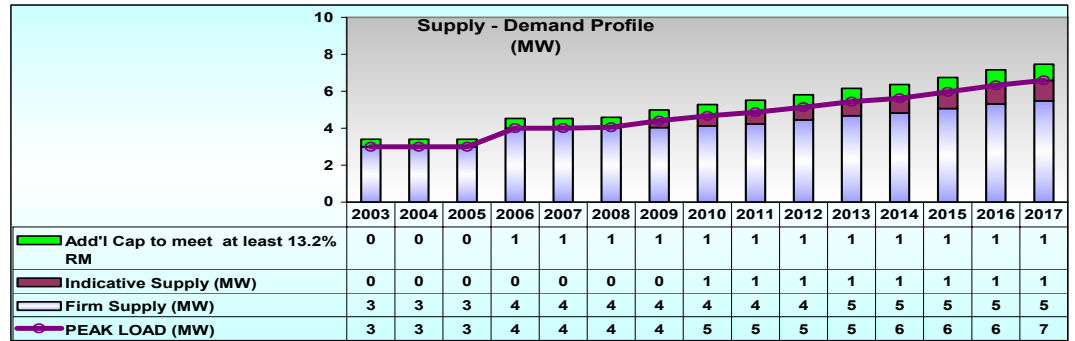
No. of Customers	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	AAGR
Residential	26,296	28,172	30,796	33,984	37,307	40,087	42,162	44,241	46,361	48,142	7%
Commercial	970	999	1,049	1,122	1,223	1,321	1,427	1,541	1,664	1,780	6%
Industrial	154	167	180	195	212	229	247	265	281	297	8%
Others	469	470	471	474	477	476	470	468	467	468	0.4%
<b>Total</b>	<b>27,889</b>	<b>29,807</b>	<b>32,496</b>	<b>35,774</b>	<b>39,219</b>	<b>42,114</b>	<b>44,306</b>	<b>46,514</b>	<b>48,773</b>	<b>50,687</b>	<b>7%</b>
Energy Sales per Customer Type (MWh)	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	AAGR
Residential	15,429	16,469	17,769	19,336	21,350	23,040	24,822	26,811	29,106	31,616	8%
Commercial	2,284	2,507	2,797	3,179	3,677	4,271	4,966	5,776	6,613	7,506	14%
Industrial	1,216	1,421	1,663	1,952	2,312	2,716	3,191	3,716	4,301	4,976	17%
Others	2,978	3,429	3,949	4,569	5,290	5,911	6,552	7,300	8,158	9,144	14%
<b>Total</b>	<b>21,907</b>	<b>23,827</b>	<b>26,177</b>	<b>29,035</b>	<b>32,629</b>	<b>35,939</b>	<b>39,531</b>	<b>43,603</b>	<b>48,177</b>	<b>53,243</b>	<b>10%</b>
Projected Infrastructure Requirements	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	TOTAL
Distribution/Sub-transmission Facilities	21	12	16	27	39	45	39	21	8	8	236
<i>Expansion(ckt-km)</i>	1		5	18	23	25	20				92
<i>Rehabilitation(ckt-km)</i>	20	12	11	9	16	20	19	21	8	8	143
Substation Capacity (MVA)			5								5
Reactive Power Compensation Plan (MVAR)											
Capital Investment Requirements(in Million PhP)	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	TOTAL
Distribution/Sub-transmission Facilities	25	16	31	32	36	38	33	21	19	19	269
<i>Expansion</i>	2		9	22	21	21	17				91
<i>Rehabilitation</i>	23	16	22	10	15	17	16	21	19	19	178
Substation Projects	1		6	0.2							8
Electrification Projects	12	4	4	8	12	19	6	7	6	7	85
<b>Total</b>	<b>37</b>	<b>20</b>	<b>42</b>	<b>40</b>	<b>48</b>	<b>57</b>	<b>39</b>	<b>29</b>	<b>25</b>	<b>26</b>	<b>362</b>
Level of Electrification	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	
<b>Barangay Level (%)</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	
No of Barangays Electrified (On-Grid)	285	285	285	285	285	285	285	285	285	285	
No. of Barangays Electrified (Off-Grid)											
<b>Total</b>	<b>285</b>	<b>285</b>	<b>285</b>	<b>285</b>	<b>285</b>	<b>285</b>	<b>285</b>	<b>285</b>	<b>285</b>	<b>285</b>	
<b>Household Level (%)</b>	<b>51%</b>	<b>54%</b>	<b>57%</b>	<b>62%</b>	<b>66%</b>	<b>69%</b>	<b>72%</b>	<b>74%</b>	<b>76%</b>	<b>78%</b>	
No. of Households Electrified (On-Grid)	26,178	28,010	30,251	32,974	35,941	38,457	40,380	42,399	44,519	46,300	
No. of Households Electrified (Off-Grid)											
<b>Total</b>	<b>26,178</b>	<b>28,010</b>	<b>30,251</b>	<b>32,974</b>	<b>35,941</b>	<b>38,457</b>	<b>40,380</b>	<b>42,399</b>	<b>44,519</b>	<b>46,300</b>	

Franchise Coverage:

Capoocan, Carigara, Tunga, Barugo, San Miguel, Jaro, Alang-Alang, Sta Fe, and Pastrana.

## Biliran Electric Cooperative, Inc. (BILECO)

General Information	
Location	Caraycaray, Naval, Biliran
Contact Person	Marlon B. Roa
Position	General Manager
Tel. No:	(053) 500-9039
Fax No:	(053) 500-9744
E-mail Address	bilecomsd@yahoo.com
Coverage Area	
No. of barangays	117
Franchise Population	
SUPPLY HIGHLIGHTS	
By 2008, the EC will replace its 5MVA Substation to improve service reliability and install the primary and secondary protection of the rehabilitated 3.15MVA Substation.	



No. of Customers	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	AAGR
Residential	19,985	22,080	24,436	26,966	28,120	29,099	30,093	31,123	32,188	33,291	6%
Commercial	656	696	737	781	827	876	928	984	1,042	1,104	6%
Industrial											
Others	542	551	554	558	561	565	570	575	580	585	2%
<b>Total</b>	<b>21,183</b>	<b>23,327</b>	<b>25,727</b>	<b>28,305</b>	<b>29,509</b>	<b>30,540</b>	<b>31,591</b>	<b>32,681</b>	<b>33,810</b>	<b>34,980</b>	<b>6%</b>
Energy Sales per Customer Type (MWh)	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	AAGR
Residential	12,299	13,059	13,878	14,763	15,592	16,455	17,366	18,330	19,351	20,433	6%
Commercial	2,229	2,355	2,489	2,632	2,784	2,945	3,118	3,302	3,498	3,708	6%
Industrial											
Others	2,106	2,938	3,240	3,575	3,944	4,352	4,685	5,054	5,463	5,916	13%
<b>Total</b>	<b>16,633</b>	<b>18,352</b>	<b>19,607</b>	<b>20,969</b>	<b>22,319</b>	<b>23,752</b>	<b>25,169</b>	<b>26,686</b>	<b>28,312</b>	<b>30,057</b>	<b>7%</b>
Projected Infrastructure Requirements	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	TOTAL
Distribution/Sub-transmission Facilities	12	15	17	2				3			50
<i>Expansion(ckt-km)</i>	11	12	14	2				3			42
<i>Rehabilitation(ckt-km)</i>	1	3	4								8
Substation Capacity (MVA)	3										3
Reactive Power Compensation Plan (MVar)											
Capital Investment Requirements(in Million PhP)	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	TOTAL
Distribution/Sub-transmission Facilities	22	21	23	15	15	14	14	15	14	14	166
<i>Expansion</i>	19	17	18	15				15			85
<i>Rehabilitation</i>	2	4	5		15	14	14		14	14	81
Substation Projects	18										18
Electrification Projects	14	12	8	10	5	4	4	4	5	4	72
<b>Total</b>	<b>54</b>	<b>34</b>	<b>31</b>	<b>25</b>	<b>20</b>	<b>18</b>	<b>18</b>	<b>19</b>	<b>19</b>	<b>18</b>	<b>255</b>
Level of Electrification	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	
<b>Barangay Level (%)</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	
No. of Barangays Electrified (On-Grid)	115	115	115	115	115	115	115	115	115	115	
No. of Barangays Electrified (Off-Grid)	2	2	2	2	2	2	2	2	2	2	
<b>Total</b>	<b>117</b>	<b>117</b>	<b>117</b>	<b>117</b>	<b>117</b>	<b>117</b>	<b>117</b>	<b>117</b>	<b>117</b>	<b>117</b>	
<b>Household Level (%)</b>	<b>83%</b>	<b>88%</b>	<b>93%</b>	<b>99%</b>	<b>99%</b>	<b>99%</b>	<b>99%</b>	<b>99%</b>	<b>99%</b>	<b>99%</b>	
No. of Households Electrified (On-Grid)	19,835	21,819	24,001	26,401	27,457	28,418	29,412	30,442	31,507	32,610	
No. of Households Electrified (Off-Grid)											
<b>Total</b>	<b>19,835</b>	<b>21,819</b>	<b>24,001</b>	<b>26,401</b>	<b>27,457</b>	<b>28,418</b>	<b>29,412</b>	<b>30,442</b>	<b>31,507</b>	<b>32,610</b>	

Franchise Coverage:

Municipalities of Almeria, Biliran, Cabucgayan, Caibiran, Culaba, Kawayan, and Naval.



Table 4. Mindanao DUs Peak Demand (MW), 2007-2017

	PIOU / LGUOU	Location	PEAK DEMAND (MW)										
			ACTUAL	PROJECTION									
			2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017
1	DLPC	Region 11	245.1	253.4	262.4	271.6	281.2	291.2	301.5	312.1	323.2	334.7	346.5
2	CEPALCO	Region 10	126.5	144.7	149.4	155.9	161.1	167.7	173.1	177.2	181.7	186.3	192.8
3	ILPI	Region 10	36.1	37.7	38.6	39.6	40.5	41.5	42.4	43.4	44.4	45.4	46.4
4	COLIGHT	Region 12	21.6	23.3	24.1	24.9	25.7	26.5	27.3	28.1	28.9	29.2	30.4
5	Bumbaran Electric Light System *	ARMM	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
<b>Total Mindanao PIOUs/LGUOUs</b>			<b>429</b>	<b>459</b>	<b>475</b>	<b>492</b>	<b>509</b>	<b>527</b>	<b>544</b>	<b>561</b>	<b>578</b>	<b>596</b>	<b>616</b>
	Electric Cooperative	Location	PEAK DEMAND (MW)										
			ACTUAL	PROJECTION									
			2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017
1	ZAMCELCO	Region 9	77.0	84.3	94.5	99.2	103.1	106.7	112.8	116.9	121.2	125.6	130.3
2	ZAMSURECO I	Region 9	23.0	27.7	28.7	29.5	30.4	31.8	33.4	35.4	37.3	39.3	41.4
3	ZANECO	Region 9	23.0	26.5	28.7	30.2	31.9	33.9	36.0	38.3	40.9	43.8	47.1
4	ZAMSURECO II	Region 9	15.0	15.6	17.1	19.0	20.3	21.8	23.5	25.6	28.0	30.8	34.0
<b>Total Region 9</b>			<b>138</b>	<b>154</b>	<b>169</b>	<b>178</b>	<b>186</b>	<b>194</b>	<b>206</b>	<b>216</b>	<b>227</b>	<b>239</b>	<b>253</b>
2	FIBECO	Region 10	22.9	24.6	26.5	28.9	31.7	34.3	38.2	42.9	48.5	55.3	63.5
1	MOELCI II	Region 10	20.0	20.8	21.6	22.2	22.8	23.5	24.6	25.7	26.8	28.0	29.3
4	BUSECO	Region 10	16.5	19.6	20.5	21.6	22.8	23.6	25.1	26.2	28.5	29.9	32.1
3	MORESCO I	Region 10	16.0	17.6	18.4	19.6	21.0	22.7	24.4	26.3	28.3	30.5	32.9
5	MORESCO II	Region 10	16.0	16.0	16.3	16.6	17.2	17.7	18.4	19.0	19.9	20.9	22.0
6	LANECO	Region 10	11.0	11.4	11.7	11.9	12.3	12.7	12.9	13.4	13.8	14.3	14.5
7	MOELCI I	Region 10	8.0	8.7	9.1	9.6	10.0	10.5	11.0	11.7	12.5	13.3	14.1
8	CAMELCO	Region 10	3.3	3.5	3.7	3.9	4.0	4.2	4.3	4.5	4.7	4.8	5.0
<b>Total Region 10</b>			<b>114</b>	<b>122</b>	<b>128</b>	<b>134</b>	<b>142</b>	<b>149</b>	<b>159</b>	<b>170</b>	<b>183</b>	<b>197</b>	<b>213</b>
1	DANECO	Region 11	58.0	60.9	63.3	65.8	68.4	71.2	74.0	77.1	80.3	83.8	87.6
2	DASURECO	Region 11	33.0	32.6	35.0	37.3	39.6	41.7	43.7	45.6	47.5	49.0	50.2
3	DORECO	Region 11	12.5	12.5	12.7	12.6	12.8	13.0	13.2	13.4	13.7	13.9	14.1
<b>Total Region 11</b>			<b>103</b>	<b>106</b>	<b>111</b>	<b>116</b>	<b>121</b>	<b>126</b>	<b>131</b>	<b>136</b>	<b>141</b>	<b>147</b>	<b>152</b>
1	SOCOTECO II	Region 12	96.0	99.4	107.1	112.0	116.4	121.9	127.7	133.0	139.4	146.2	153.4
2	SOCOTECO I	Region 12	26.0	27.7	29.2	30.9	32.9	34.5	36.3	38.3	40.3	42.5	44.0
3	COTELCO	Region 12	23.0	23.9	25.7	26.7	27.5	28.2	28.8	29.4	29.8	30.2	30.7
4	SUKELCO	Region 12	21.8	24.7	27.3	28.3	30.1	31.7	34.3	36.0	37.7	39.5	41.3
<b>Total Region 12</b>			<b>167</b>	<b>176</b>	<b>189</b>	<b>198</b>	<b>207</b>	<b>216</b>	<b>227</b>	<b>237</b>	<b>247</b>	<b>258</b>	<b>269</b>
1	ANECO	CARAGA	46.4	46.8	47.9	49.0	51.2	53.6	56.1	58.7	61.5	64.5	67.7
2	SURNECO	CARAGA	15.3	19.2	20.8	22.7	24.4	26.3	28.3	30.5	32.9	35.6	38.6
3	ASELCO	CARAGA	15.0	15.6	15.9	16.4	17.1	17.8	18.8	20.1	21.5	23.1	25.0
4	SURSECO II	CARAGA	8.0	8.4	9.0	9.5	10.2	10.8	11.5	12.2	12.9	13.6	14.0
5	SURSECO I	CARAGA	8.0	8.0	8.1	8.2	8.3	8.4	8.5	8.4	8.5	8.7	8.8
6	SIARELCO	CARAGA	2.0	2.1	2.2	2.4	2.5	2.6	2.7	2.9	3.0	3.2	3.3
7	DIELCO	CARAGA	1.4	1.5	1.6	1.8	2.0	2.2	2.4	2.6	2.9	3.2	3.4
<b>Total CARAGA</b>			<b>96</b>	<b>102</b>	<b>106</b>	<b>110</b>	<b>116</b>	<b>122</b>	<b>128</b>	<b>135</b>	<b>143</b>	<b>152</b>	<b>161</b>
7	LASURECO	ARMM	23.0	25.1	25.3	25.4	25.4	26.5	27.3	27.9	28.2	28.8	29.1
1	MAGELCO	ARMM	16.5	16.7	17.5	18.2	18.9	19.6	20.4	21.2	22.0	23.0	23.9
2	BASELCO	ARMM	7.0	7.4	8.1	8.7	9.3	10.1	11.4	12.5	14.1	15.7	17.1
4	SULECO	ARMM	5.8	6.0	6.2	6.3	6.5	6.7	7.0	7.4	8.1	9.3	11.0
5	TAWELCO	ARMM	2.8	2.9	3.2	3.6	3.7	3.8	4.0	4.0	4.1	4.3	4.4
3	SIASELCO	ARMM	0.5	0.5	0.5	0.5	0.6	0.6	0.6	0.6	0.6	0.7	0.7
6	CASELCO *	ARMM	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
<b>Total ARMM</b>			<b>56</b>	<b>59</b>	<b>61</b>	<b>63</b>	<b>64</b>	<b>67</b>	<b>71</b>	<b>74</b>	<b>77</b>	<b>82</b>	<b>86</b>
<b>Total Mindanao ECs</b>			<b>674</b>	<b>718</b>	<b>764</b>	<b>799</b>	<b>835</b>	<b>875</b>	<b>922</b>	<b>968</b>	<b>1,019</b>	<b>1,075</b>	<b>1,135</b>
<b>TOTAL MINDANAO DUs</b>			<b>1,103</b>	<b>1,177</b>	<b>1,238</b>	<b>1,291</b>	<b>1,344</b>	<b>1,401</b>	<b>1,466</b>	<b>1,528</b>	<b>1,598</b>	<b>1,671</b>	<b>1,751</b>

\* no 2008 DDP submission

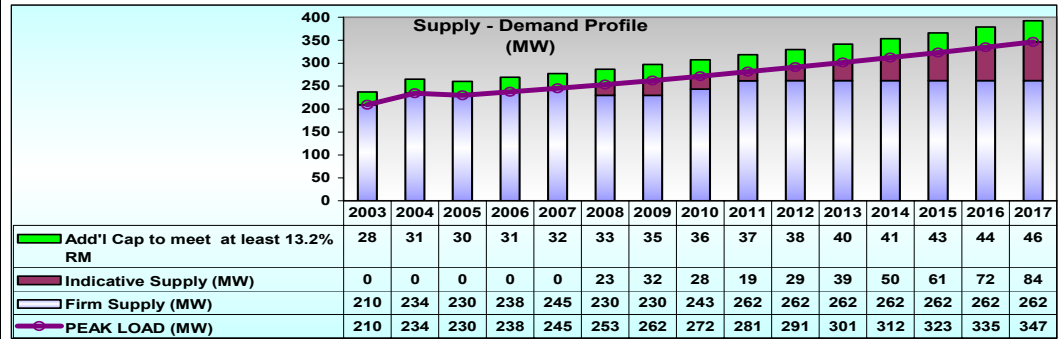
**MINDANAO  
ONE-PAGE DDP  
SUMMARY**

**MINDANAO  
PRIVATE INVESTOR-OWNED  
UTILITIES**



## Davao Light & Power Co., Inc. (DLPC)

General Information	
Location	Davao City
Contact Person	Mark A. Valencia
Position	AVP-Engineering
Tel. No:	(082)-229-3572
Fax No:	(082)-226-3164
E-mail Address	mvalencia@aboitiz.com
Coverage Area	
No. of barangays	266
Franchise Population	



### SUPPLY HIGHLIGHTS

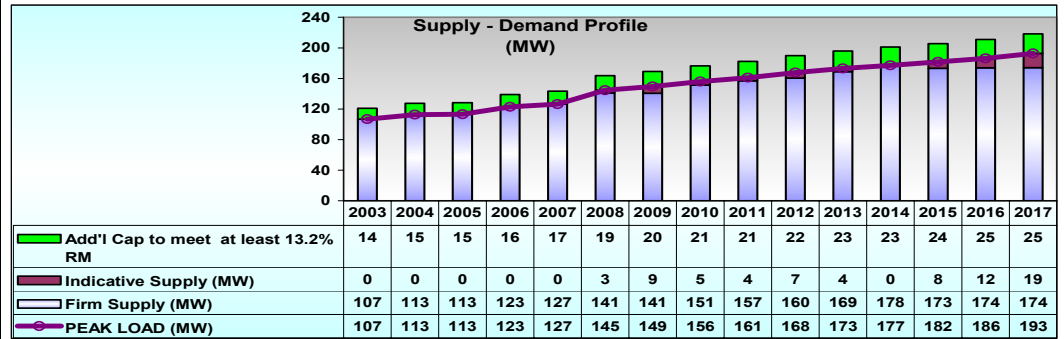
	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	AAGR
<b>No. of Customers</b>											
Residential	221,934	229,502	237,328	245,421	253,790	262,444	271,394	280,648	290,218	300,115	3%
Commercial	30,377	31,048	31,734	32,436	33,152	33,885	34,634	35,399	36,182	36,981	2%
Industrial	2,961	2,999	3,038	3,078	3,118	3,159	3,200	3,241	3,283	3,326	1%
Others	112	112	112	122	122	122	120	120	120	115	4%
<b>Total</b>	<b>255,384</b>	<b>263,662</b>	<b>272,213</b>	<b>281,057</b>	<b>290,183</b>	<b>299,610</b>	<b>309,347</b>	<b>319,409</b>	<b>329,803</b>	<b>340,537</b>	<b>3%</b>
<b>Energy Sales per Customer Type (MWh)</b>											
Residential	454,449	467,185	480,278	493,737	507,574	521,798	536,422	551,454	566,909	582,796	3%
Commercial	181,110	188,154	195,472	203,075	210,973	219,179	227,704	236,560	245,761	255,320	4%
Industrial	715,274	743,175	772,164	802,285	833,580	866,096	899,881	934,983	971,455	1,009,349	4%
Others	54,971	56,743	58,574	60,466	62,421	64,440	66,527	68,684	70,912	73,215	3%
<b>Total</b>	<b>1,405,803</b>	<b>1,455,257</b>	<b>1,506,488</b>	<b>1,559,563</b>	<b>1,614,548</b>	<b>1,671,514</b>	<b>1,730,533</b>	<b>1,791,682</b>	<b>1,855,037</b>	<b>1,920,680</b>	<b>4%</b>
<b>Projected Infrastructure Requirements</b>											<b>TOTAL</b>
Distribution/Sub-transmission Facilities	18	23	17	22	19	28	20	9	8	16	179
Expansion(ckt-km)	4	1	7	5	18	28	11	9	8	16	106
Rehabilitation(ckt-km)	14	22	11	17	1	0.3	9				73
Substation Capacity (MVA)	83	33	12	12	33	20	33	15	20	10	271
Reactive Power Compensation Plan (MVAr)	47	37	23	23	24	25	26	27	28	29	288
<b>Capital Investment Requirements(in Million Php)</b>											<b>TOTAL</b>
Distribution/Sub-transmission Facilities	33	36	39	39	39	43	31	33	28	55	377
Expansion	8	1	15	9	37	43	18	33	28	55	247
Rehabilitation	25	35	24	30	2	0.4	14				130
Substation Projects	46	27	27	36	22	27	27	27	39	27	305
Electrification Projects	22	19	18	10	11	5	5	5	5	5	106
<b>Total</b>	<b>101</b>	<b>83</b>	<b>84</b>	<b>86</b>	<b>72</b>	<b>75</b>	<b>64</b>	<b>64</b>	<b>72</b>	<b>87</b>	<b>787</b>
<b>Level of Electrification</b>											
<b>Barangay Level (%)</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	
No of Barangays Electrified (On-Grid)	252	256	260	261	266	266	266	266	266	266	
No. of Barangays Electrified (Off-Grid)	14	10	6	5							
<b>Total</b>	<b>266</b>	<b>266</b>	<b>266</b>	<b>266</b>	<b>266</b>	<b>266</b>	<b>266</b>	<b>266</b>	<b>266</b>	<b>266</b>	
<b>Household Level (%)</b>	<b>96%</b>	<b>97%</b>	<b>97%</b>	<b>97%</b>	<b>98%</b>	<b>98%</b>	<b>98%</b>	<b>99%</b>	<b>99%</b>	<b>100%</b>	
No. of Households Electrified (On-Grid)	285,803	287,069	288,383	289,575	290,993	292,186	293,384	294,587	295,794	297,007	
No. of Households Electrified (Off-Grid)	471	377	240	230							
<b>Total</b>	<b>286,274</b>	<b>287,446</b>	<b>288,623</b>	<b>289,805</b>	<b>290,993</b>	<b>292,186</b>	<b>293,384</b>	<b>294,587</b>	<b>295,794</b>	<b>297,007</b>	

Franchise Coverage:

The whole of Davao City, Panabo City, municipalities of Carmen, Sto Tomas, and Dujali in Davao del Norte.

## Cagayan Electric Power & Light Co., Inc. (CEPALCO)

General Information	
Location	44 T. Chaves St., Cagayan De Oro City
Contact Person	David A. Tauli
Position	Senior Vice President
Tel. No:	(08822) 72-23-72
Fax No:	(08822) 72-60-19
E-mail Address	datauli@cepalco.com.ph
Coverage Area	720 sq.km.
No. of barangays	95
Franchise Population	



### SUPPLY HIGHLIGHTS

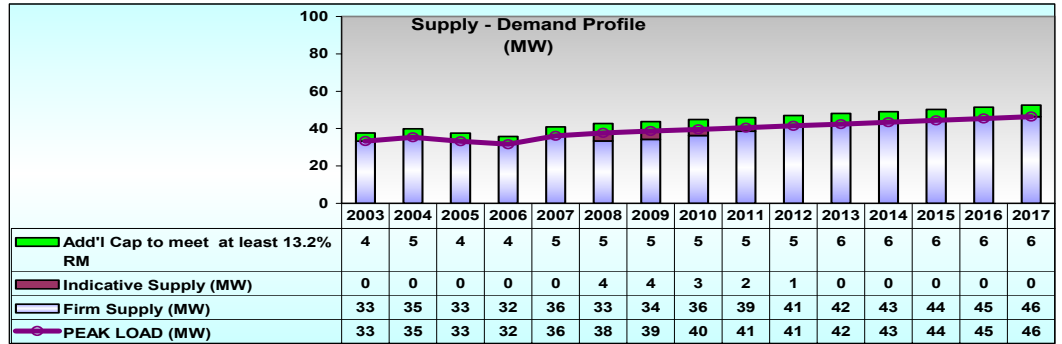
	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	AAGR
<b>No. of Customers</b>											
Residential	90,917	95,008	99,283	103,751	108,505	113,478	118,678	124,117	129,804	135,753	5%
Commercial	18,347	19,082	19,847	20,643	20,803	20,963	21,125	21,289	21,453	21,619	3%
Industrial	343	346	349	352	365	379	394	409	424	440	1%
Others	64	66	68	70	73	76	79	83	86	90	2%
<b>Total</b>	<b>109,671</b>	<b>114,502</b>	<b>119,547</b>	<b>124,816</b>	<b>129,746</b>	<b>134,896</b>	<b>140,276</b>	<b>145,896</b>	<b>151,768</b>	<b>157,902</b>	<b>4%</b>
<b>Energy Sales per Customer Type (MWh)</b>											
Residential	168,821	176,942	185,451	194,369	202,850	212,601	219,997	227,746	235,867	244,376	5%
Commercial	138,756	147,083	155,987	165,500	172,341	182,953	190,250	198,058	206,385	215,289	6%
Industrial	149,474	151,560	153,705	155,913	161,447	162,554	164,633	167,169	169,586	172,083	1%
Others	544,329	546,737	570,599	573,007	595,550	596,639	597,365	598,091	598,817	620,997	4%
<b>Total</b>	<b>1,001,380</b>	<b>1,022,323</b>	<b>1,065,742</b>	<b>1,088,788</b>	<b>1,132,188</b>	<b>1,154,747</b>	<b>1,172,245</b>	<b>1,191,064</b>	<b>1,210,656</b>	<b>1,252,744</b>	<b>4%</b>
<b>Projected Infrastructure Requirements</b>											
Distribution/Sub-transmission Facilities	111	45	24	27	18	15	15	15	15	15	303
Expansion(ckt-km)	92	26	24	27	18	15	15	15	15	15	265
Rehabilitation(ckt-km)	19	19									38
Substation Capacity (MVA)	30	5			20		20		20		95
Reactive Power Compensation Plan (MVar)	6	6		3	3						18
<b>Capital Investment Requirements(in Million PhP)</b>											
Distribution/Sub-transmission Facilities	191	29	17	17	17	17	17	17	17	17	357
Expansion	159	17	17	17	17	17	17	17	17	17	312
Rehabilitation	33	12									45
Substation Projects	204				79		79		79		440
Electrification Projects	42	31									73
<b>Total</b>	<b>437</b>	<b>61</b>	<b>17</b>	<b>17</b>	<b>96</b>	<b>17</b>	<b>96</b>	<b>17</b>	<b>96</b>	<b>17</b>	<b>871</b>
<b>Level of Electrification</b>											
<b>Barangay Level (%)</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>
No of Barangays Electrified (On-Grid)	95	95	95	95	95	95	95	95	95	95	
No. of Barangays Electrified (Off-Grid)											
<b>Total</b>	<b>95</b>	<b>95</b>	<b>95</b>	<b>95</b>	<b>95</b>	<b>95</b>	<b>95</b>	<b>95</b>	<b>95</b>	<b>95</b>	
<b>Household Level (%)</b>	<b>69%</b>	<b>72%</b>	<b>74%</b>	<b>76%</b>	<b>78%</b>	<b>79%</b>	<b>81%</b>	<b>83%</b>	<b>85%</b>	<b>87%</b>	
No. of Households Electrified (On-Grid)	87,031	95,008	99,283	103,751	108,505	113,478	118,678	124,117	129,804	135,753	
No. of Households Electrified (Off-Grid)											
<b>Total</b>	<b>87,031</b>	<b>95,008</b>	<b>99,283</b>	<b>103,751</b>	<b>108,505</b>	<b>113,478</b>	<b>118,678</b>	<b>124,117</b>	<b>129,804</b>	<b>135,753</b>	

### Franchise Coverage:

The franchise area covers Cagayan de Oro City and the municipalities of Tagoloan, Villanueva and Jasaan. Some barangays in Cagayan De Oro were waived to MORESCO I, and some barangays in Jasaan are served by MORESCO II.

## Iligan Light & Power, Inc. (ILPI)

General Information	
Location	Bro. Jeffrey Rd., Pala-o, Iligan City
Contact Person	Engr. Lorimer T. Abeiuela
Position	Manager, Transmission and Distribution
Tel. No:	(063) 221-4900-01/221-5707-09
Fax No:	(063) 221-4903
E-mail Address	www.iliganlight.com
Coverage Area	
No. of barangays	44
Franchise Population	
SUPPLY HIGHLIGHTS	



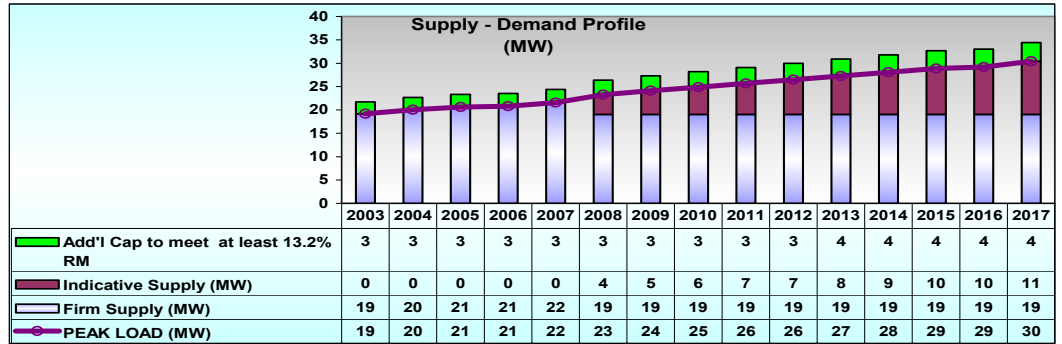
No. of Customers	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	AAGR
Residential	39,512	40,869	42,241	43,620	44,996	46,359	47,699	49,008	50,276	51,492	3%
Commercial	6,565	6,226	5,908	5,630	5,411	5,270	5,226	5,298	5,504	5,864	-2%
Industrial	12	12	12	12	12	12	12	12	12	12	1%
Others	7	7	7	7	7	7	7	7	7	7	2%
<b>Total</b>	<b>46,096</b>	<b>47,114</b>	<b>48,168</b>	<b>49,269</b>	<b>50,426</b>	<b>51,648</b>	<b>52,944</b>	<b>54,325</b>	<b>55,799</b>	<b>57,375</b>	<b>3%</b>
Energy Sales per Customer Type (MWh)	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	AAGR
Residential	74,101	77,032	79,924	82,761	85,521	88,185	90,735	93,151	95,414	97,504	3%
Commercial	65,362	66,943	68,522	70,124	71,775	73,502	75,331	77,289	79,402	81,696	2%
Industrial	5,642	5,320	5,050	4,842	4,705	4,650	4,687	4,826	5,078	5,451	-1%
Others	85,106	86,110	87,097	88,063	89,002	89,909	90,774	91,610	92,394	93,126	3%
<b>Total</b>	<b>230,211</b>	<b>235,405</b>	<b>240,593</b>	<b>245,788</b>	<b>251,002</b>	<b>256,247</b>	<b>261,528</b>	<b>266,877</b>	<b>272,287</b>	<b>277,777</b>	<b>3%</b>
Projected Infrastructure Requirements	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	TOTAL
Distribution/Sub-transmission Facilities	38	9	39	20	17	8	7	6	6	6	156
Expansion(ckt-km)	36	9	39	20	17	2	0.4				123
Rehabilitation(ckt-km)	2					6	6	6	6	6	33
Substation Capacity (MVA)	52	5		15							72
Reactive Power Compensation Plan (MVAr)	2	1	1	1	1	1	1	1	1	1	12
Capital Investment Requirements(in Million PhP)	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	TOTAL
Distribution/Sub-transmission Facilities	26	24	168	111	15	11	7	6	6	6	378
Expansion	25	24	168	111	15	3					345
Rehabilitation	1					9	7	6	6	6	33
Substation Projects	62	59		14	14		19				187
Electrification Projects	17										17
<b>Total</b>	<b>105</b>	<b>83</b>	<b>168</b>	<b>125</b>	<b>29</b>	<b>11</b>	<b>26</b>	<b>6</b>	<b>6</b>	<b>25</b>	<b>582</b>
Level of Electrification	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	
<b>Barangay Level (%)</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	
No of Barangays Electrified (On-Grid)	42	42	42	42	42	42	42	42	42	42	
No. of Barangays Electrified (Off-Grid)	2	2	2	2	2	2	2	2	2	2	
<b>Total</b>	<b>44</b>	<b>44</b>	<b>44</b>	<b>44</b>	<b>44</b>	<b>44</b>	<b>44</b>	<b>44</b>	<b>44</b>	<b>44</b>	
<b>Household Level (%)</b>	<b>69%</b>	<b>72%</b>	<b>74%</b>	<b>77%</b>	<b>79%</b>	<b>81%</b>	<b>84%</b>	<b>86%</b>	<b>88%</b>	<b>91%</b>	
No. of Households Electrified (On-Grid)	39,512	40,869	42,241	43,620	44,996	46,359	47,699	49,008	50,276	51,492	
No. of Households Electrified (Off-Grid)	200.00	207.00	215.00	223.00	232.00	240.00	249.00	259.00	268.00	268.00	
<b>Total</b>	<b>39,712</b>	<b>41,076</b>	<b>42,456</b>	<b>43,843</b>	<b>45,228</b>	<b>46,599</b>	<b>47,948</b>	<b>49,267</b>	<b>50,544</b>	<b>51,760</b>	

Franchise Coverage:

1 City (Iligan)

## Cotabato Light And Power Company, Inc. (COLIGHT)

General Information	
Location	Sinsuat Avenue, Cotabato City
Contact Person	Mr. Crisente M. Ferolino
Position	VP & Resident Manager
Tel. No:	(064) 421-2173
Fax No:	(064) 421-5273
E-mail Address	
Coverage Area	
No. of barangays	69
Franchise Population	
SUPPLY HIGHLIGHTS	



No. of Customers	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	AAGR
Residential	25,491	26,140	26,790	27,440	28,089	28,739	29,389	30,039	30,688	31,338	2%
Commercial	2,389	2,446	2,505	2,564	2,626	2,689	2,753	2,819	2,886	2,886	2%
Industrial	391	393	395	398	400	403	405	407	410	412	1%
Others	30	30	31	32	33	33	34	35	36	36	2%
<b>Total</b>	<b>28,300</b>	<b>29,010</b>	<b>29,721</b>	<b>30,434</b>	<b>31,148</b>	<b>31,864</b>	<b>32,581</b>	<b>33,300</b>	<b>34,020</b>	<b>34,672</b>	<b>2%</b>
Energy Sales per Customer Type (MWh)	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	AAGR
Residential	60,658	63,170	65,681	68,192	70,704	73,215	75,726	78,238	80,749	83,260	5%
Commercial	14,319	14,483	14,647	14,810	14,974	15,138	15,301	15,465	15,629	15,793	2%
Industrial	52,891	54,849	56,807	58,765	60,724	62,682	64,640	66,598	68,556	70,515	3%
Others	3,746	4,386	4,546	4,706	4,866	5,026	5,186	5,346	5,506	5,666	6%
<b>Total</b>	<b>131,614</b>	<b>136,888</b>	<b>141,681</b>	<b>146,474</b>	<b>151,267</b>	<b>156,060</b>	<b>160,854</b>	<b>165,647</b>	<b>168,360</b>	<b>175,073</b>	<b>4%</b>
Projected Infrastructure Requirements	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	TOTAL
Distribution/Sub-transmission Facilities	4	4	4	4	4	4	4	4	4	4	36
Expansion(ckt-km)	4	4	4	4	4	4	4	4	4	4	36
Rehabilitation(ckt-km)											
Substation Capacity (MVA)	20										20
Reactive Power Compensation Plan (MVAr)	1	1	1	1	1	1	1	1	1	1	11
Capital Investment Requirements(in Million PhP)	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	TOTAL
Distribution/Sub-transmission Facilities											
Expansion											
Rehabilitation											
Substation Projects											
Electrification Projects											
<b>Total</b>											
Level of Electrification	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	
<b>Barangay Level (%)</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	
No of Barangays Electrified (On-Grid)	69	69	69	69	69	69	69	69	69	69	
No. of Barangays Electrified (Off-Grid)											
<b>Total</b>	<b>69</b>	<b>69</b>	<b>69</b>	<b>69</b>	<b>69</b>	<b>69</b>	<b>69</b>	<b>69</b>	<b>69</b>	<b>69</b>	
<b>Household Level (%)</b>											
No. of Households Electrified (On-Grid)	29,018	29,650	30,281	30,913	31,544	32,175	32,807	33,438	34,070	34,701	
No. of Households Electrified (Off-Grid)											
<b>Total</b>	<b>29,018</b>	<b>29,650</b>	<b>30,281</b>	<b>30,913</b>	<b>31,544</b>	<b>32,175</b>	<b>32,807</b>	<b>33,438</b>	<b>34,070</b>	<b>34,701</b>	

Franchise Coverage:

Cotabato City and portion of Municipalities of Dinaig and Sultan Kudarat, and Maguidanao Province.

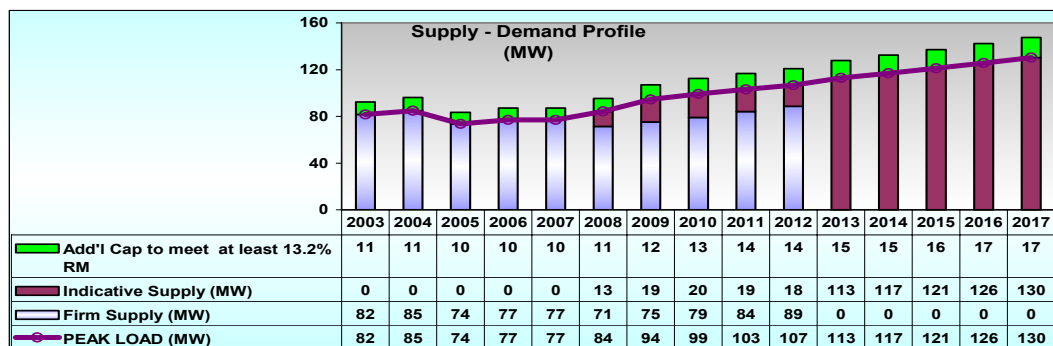
REGION 9  
ELECTRIC COOPERATIVES

## Zamboanga City Electric Cooperative, Inc. (ZAMCELCO)

General Information	
Location	Maria Clara Lobregat Highway, Putik, Zamboanga
Contact Person	Reinerio R. Ramos
Position	General Manager
Tel. No:	(062) 991-2117 / 7676 / 0588 / 2873 / 2874 / 5316
Fax No:	
E-mail Address	
Coverage Area	1,414.7 sq.km.
No. of barangays	94
Franchise Population	

### SUPPLY HIGHLIGHTS

The member-consumers are provided with electric power through 23 feeders located in 6 substations with different MVA capacities ranging from 5 MVA to 21 MVA.



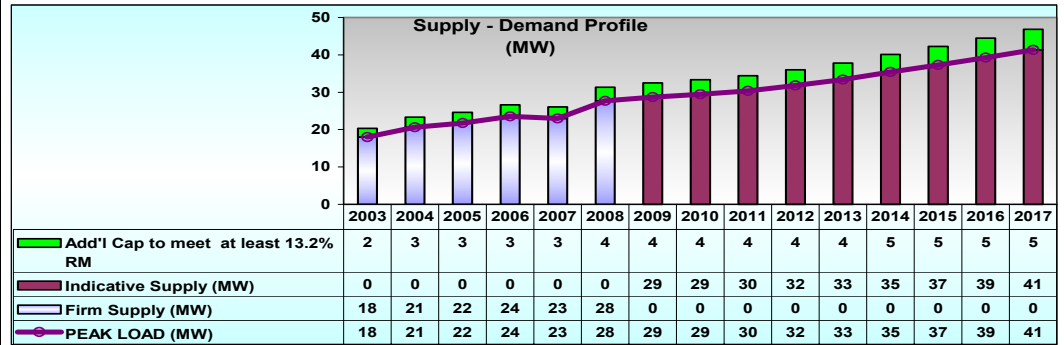
No. of Customers	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	AAGR
Residential	80,413	84,716	89,095	92,633	96,355	99,656	103,053	106,567	110,200	113,960	4%
Commercial	7,780	7,925	8,067	8,108	8,148	8,188	8,229	8,270	8,311	8,352	1%
Industrial	169	173	176	177	178	179	180	181	182	182	1%
Others	1,650	1,667	1,681	1,684	1,685	1,685	1,686	1,686	1,686	1,687	0.4%
<b>Total</b>	<b>90,012</b>	<b>94,481</b>	<b>99,019</b>	<b>102,603</b>	<b>106,365</b>	<b>109,708</b>	<b>113,147</b>	<b>116,703</b>	<b>120,379</b>	<b>124,181</b>	<b>4%</b>
Energy Sales per Customer Type (MWh)	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	AAGR
Residential	157,886	166,570	175,850	185,496	195,683	204,432	213,577	223,135	233,124	243,565	5%
Commercial	103,109	113,020	123,282	132,558	139,866	147,534	155,630	164,175	173,192	182,706	7%
Industrial	76,719	82,087	87,832	92,619	97,680	101,063	104,567	108,194	111,950	115,837	5%
Others	116,276	154,222	159,552	165,159	170,967	177,027	178,991	180,995	183,039	185,125	11%
<b>Total</b>	<b>453,990</b>	<b>515,899</b>	<b>546,517</b>	<b>575,832</b>	<b>604,197</b>	<b>630,056</b>	<b>652,764</b>	<b>676,498</b>	<b>701,304</b>	<b>727,234</b>	<b>7%</b>
Projected Infrastructure Requirements	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	TOTAL
Distribution/Sub-transmission Facilities	38	20	32	49	26			24			190
<i>Expansion(ckt-km)</i>	17	20	21	33	10			24			126
<i>Rehabilitation(ckt-km)</i>	21	0	11	16	16						64
Substation Capacity (MVA)	25	5									30
Reactive Power Compensation Plan (MVAr)											
Capital Investment Requirements(in Million Php)	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	TOTAL
Distribution/Sub-transmission Facilities	130	93	69	195	65	26	20	35	21	22	676
<i>Expansion</i>	59	93	46	132	25			34			388
<i>Rehabilitation</i>	71	0	23	63	40	26	20	1	21	22	288
Substation Projects	67	2	24	42	42						176
Electrification Projects	66	41	39	77	87	17	19	18	20	19	402
<b>Total</b>	<b>262</b>	<b>137</b>	<b>132</b>	<b>314</b>	<b>193</b>	<b>43</b>	<b>39</b>	<b>53</b>	<b>40</b>	<b>41</b>	<b>1,254</b>
Level of Electrification	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	
<b>Barangay Level (%)</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	
No of Barangays Electrified (On-Grid)	90	90	90	90	90	90	90	90	90	90	
No. of Barangays Electrified (Off-Grid)	4	4	4	4	4	4	4	4	4	4	
<b>Total</b>	<b>94</b>	<b>94</b>	<b>94</b>	<b>94</b>	<b>94</b>	<b>94</b>	<b>94</b>	<b>94</b>	<b>94</b>	<b>94</b>	
<b>Household Level (%)</b>	<b>64%</b>	<b>66%</b>	<b>68%</b>	<b>70%</b>	<b>72%</b>	<b>74%</b>	<b>75%</b>	<b>77%</b>	<b>79%</b>	<b>81%</b>	
No. of Households Electrified (On-Grid)	80,032	83,233	86,563	90,025	93,626	96,903	100,295	103,805	107,438	111,199	
No. of Households Electrified (Off-Grid)											
<b>Total</b>	<b>80,032</b>	<b>83,233</b>	<b>86,563</b>	<b>90,025</b>	<b>93,626</b>	<b>96,903</b>	<b>100,295</b>	<b>103,805</b>	<b>107,438</b>	<b>111,199</b>	

Franchise Coverage:

1 city (Zamboanga)

## Zamboanga Del Sur I Electric Cooperative, Inc. (ZAMSURECO I)

General Information	
Location	JS Alano St., Pagadian City
Contact Person	Jose Raul A. Saniel
Position	General Manager
Tel. No:	(062) 214-3536
Fax No:	(062) 214-1880
E-mail Address	jrsaniel@yahoo.com
Coverage Area	
No. of barangays	628
Franchise Population	
SUPPLY HIGHLIGHTS	
Expiration of TSC with NPC expires on 2008. There will a construction of a Mini-hydro power plant at Dawa, Josefina, Zamboanga del Sur	



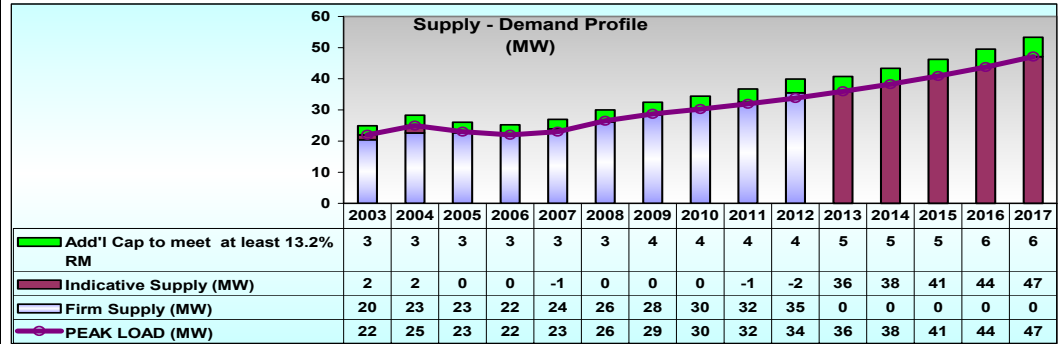
No. of Customers	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	AAGR
Residential	65,271	69,613	74,147	78,928	83,969	89,287	94,899	100,822	107,074	113,675	6%
Commercial	5,483	5,538	5,593	5,649	5,706	5,763	5,821	5,879	5,938	5,997	1%
Industrial	183	185	186	188	190	192	194	196	198	200	1%
Others	4,995	5,058	5,083	5,108	5,103	5,128	5,154	5,158	5,176	5,194	1%
<b>Total</b>	<b>75,932</b>	<b>80,394</b>	<b>85,010</b>	<b>89,874</b>	<b>94,968</b>	<b>100,371</b>	<b>106,068</b>	<b>112,054</b>	<b>118,385</b>	<b>125,066</b>	<b>6%</b>
Energy Sales per Customer Type (MWh)	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	AAGR
Residential	57,251	60,962	64,951	69,226	73,805	79,068	84,709	90,753	97,226	104,158	7%
Commercial	29,215	30,067	30,970	31,903	32,865	33,857	34,879	35,932	37,017	38,135	3%
Industrial	38,042	39,649	41,328	43,081	44,912	46,826	50,639	53,146	55,787	58,571	21%
Others	17,455	17,961	18,290	18,640	18,988	19,357	19,741	20,136	20,553	20,991	2%
<b>Total</b>	<b>141,964</b>	<b>148,639</b>	<b>155,539</b>	<b>162,851</b>	<b>170,571</b>	<b>179,108</b>	<b>189,969</b>	<b>199,967</b>	<b>210,584</b>	<b>221,855</b>	<b>7%</b>
Projected Infrastructure Requirements	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	TOTAL
Distribution/Sub-transmission Facilities	191	35	19								244
<i>Expansion(ckt-km)</i>	137	26									162
<i>Rehabilitation(ckt-km)</i>	54	9	19								82
Substation Capacity (MVA)	10	5					5	5			25
Reactive Power Compensation Plan (MVAr)											
Capital Investment Requirements(in Million PhP)	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	TOTAL
Distribution/Sub-transmission Facilities	114	42	26	7	7	4	4	4	4	4	215
<i>Expansion</i>	82	32									113
<i>Rehabilitation</i>	32	11	26	7	7	4	4	4	4	4	102
Substation Projects	25	18					18	18			79
Electrification Projects	66	19	20	20	25	24	28	25	32	33	294
<b>Total</b>	<b>205</b>	<b>79</b>	<b>46</b>	<b>27</b>	<b>32</b>	<b>28</b>	<b>50</b>	<b>47</b>	<b>36</b>	<b>36</b>	<b>588</b>
Level of Electrification	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	
<b>Barangay Level (%)</b>	<b>99%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	
No. of Barangays Electrified (On-Grid)	606	609	609	609	609	609	609	609	609	609	
No. of Barangays Electrified (Off-Grid)	18	19	19	19	19	19	19	19	19	19	
<b>Total</b>	<b>624</b>	<b>628</b>	<b>628</b>	<b>628</b>	<b>628</b>	<b>628</b>	<b>628</b>	<b>628</b>	<b>628</b>	<b>628</b>	
<b>Household Level (%)</b>	<b>24%</b>	<b>25%</b>	<b>26%</b>	<b>28%</b>	<b>29%</b>	<b>30%</b>	<b>32%</b>	<b>33%</b>	<b>35%</b>	<b>36%</b>	
No. of Households Electrified (On-Grid)	64,539	68,412	72,516	76,867	81,479	86,368	91,550	97,043	102,866	109,038	
No. of Households Electrified (Off-Grid)											
<b>Total</b>	<b>64,539</b>	<b>68,412</b>	<b>72,516</b>	<b>76,867</b>	<b>81,479</b>	<b>86,368</b>	<b>91,550</b>	<b>97,043</b>	<b>102,866</b>	<b>109,038</b>	

Franchise Coverage:

1 City (Pagadian) and 24 Municipalities (Aurora, Dumingag, Josefina, Labangan, Mahayag, Midsalip, Molave, R. Magsaysay, Sominot, Tambulig, Tukuran, Dimataling, Dinas, Dumalinao, Guipos, Lapuyan, Margosatubig, Pitogo, San Miguel, San Pablo, Tabina, Tigbao, Vincenzo Sagun and Don V. Chiongbian (Misamis Or.))

## Zamboanga Del Norte Electric Cooperative, Inc. (ZANECO)

General Information	
Location	General Luna St., Dipolog City
Contact Person	Adelmo P. Laput
Position	General Manager
Tel. No:	(065) 212-3445
Fax No:	(065) 212-3345
E-mail Address	zanecofsd@yahoo.com
Coverage Area	5,267.73 sq.km.
No. of barangays	585
Franchise Population	
SUPPLY HIGHLIGHTS	
ZANECO's Transition Supply Contract between TRANSCO and GENCO expires August every year, thus, it is updated yearly.	



No. of Customers	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	AAGR
Residential	63,994	68,794	74,844	82,983	89,517	95,831	102,448	109,651	117,394	125,829	8%
Commercial	3,726	3,950	4,296	4,749	5,015	5,252	5,507	5,780	6,073	6,388	6%
Industrial	476	491	506	522	539	556	575	594	615	637	3%
Others	3,051	3,138	3,240	3,364	3,512	3,692	3,909	4,172	4,480	4,872	6%
<b>Total</b>	<b>71,247</b>	<b>76,372</b>	<b>82,886</b>	<b>91,618</b>	<b>98,583</b>	<b>105,332</b>	<b>112,439</b>	<b>120,197</b>	<b>128,562</b>	<b>137,726</b>	<b>8%</b>
Energy Sales per Customer Type (MWh)	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	AAGR
Residential	65,793	71,685	78,179	85,362	93,393	102,214	111,960	122,870	134,854	148,154	9%
Commercial	14,706	15,436	16,219	17,078	17,995	18,964	20,005	21,125	22,352	23,674	5%
Industrial	18,779	19,904	21,136	22,511	24,021	25,707	27,564	29,641	31,967	34,575	7%
Others	18,187	22,879	23,940	25,178	26,612	28,312	30,126	32,357	35,072	38,511	17%
<b>Total</b>	<b>117,464</b>	<b>129,903</b>	<b>139,474</b>	<b>150,130</b>	<b>162,020</b>	<b>175,197</b>	<b>189,655</b>	<b>205,993</b>	<b>224,245</b>	<b>244,915</b>	<b>9%</b>
Projected Infrastructure Requirements	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	TOTAL
Distribution/Sub-transmission Facilities	237	89	278	88	51						743
<i>Expansion(ckt-km)</i>	166		270	52	51						478
<i>Rehabilitation(ckt-km)</i>	72	89	68	36							265
Substation Capacity (MVA)	20		5		5						30
Reactive Power Compensation Plan (MVAr)											
Capital Investment Requirements(in Million PhP)	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	TOTAL
Distribution/Sub-transmission Facilities	70	29	185	28	41	0.02	0.02	0.02	0.02	0.02	353
<i>Expansion</i>	49		140	16	41						246
<i>Rehabilitation</i>	21	29	45	11		0.02	0.02	0.02	0.02	0.02	107
Substation Projects	30		18		18						66
Electrification Projects	27	27	31	33	34	38	37	43	43	50	363
<b>Total</b>	<b>127</b>	<b>56</b>	<b>234</b>	<b>61</b>	<b>93</b>	<b>38</b>	<b>37</b>	<b>43</b>	<b>43</b>	<b>50</b>	<b>782</b>
Level of Electrification	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	
<b>Barangay Level (%)</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	
No of Barangays Electrified (On-Grid)	584	584	584	584	584	584	584	584	584	584	
No. of Barangays Electrified (Off-Grid)	1	1	1	1	1	1	1	1	1	1	
<b>Total</b>	<b>585</b>	<b>585</b>	<b>585</b>	<b>585</b>	<b>585</b>	<b>585</b>	<b>585</b>	<b>585</b>	<b>585</b>	<b>585</b>	
<b>Household Level (%)</b>	<b>29%</b>	<b>29%</b>	<b>30%</b>	<b>31%</b>	<b>32%</b>	<b>33%</b>	<b>34%</b>	<b>35%</b>	<b>36%</b>	<b>37%</b>	
No. of Households Electrified (On-Grid)	63,458	67,837	72,586	77,739	83,336	89,420	96,037	103,240	110,983	119,418	
No. of Households Electrified (Off-Grid)											
<b>Total</b>	<b>63,458</b>	<b>67,837</b>	<b>72,586</b>	<b>77,739</b>	<b>83,336</b>	<b>89,420</b>	<b>96,037</b>	<b>103,240</b>	<b>110,983</b>	<b>119,418</b>	

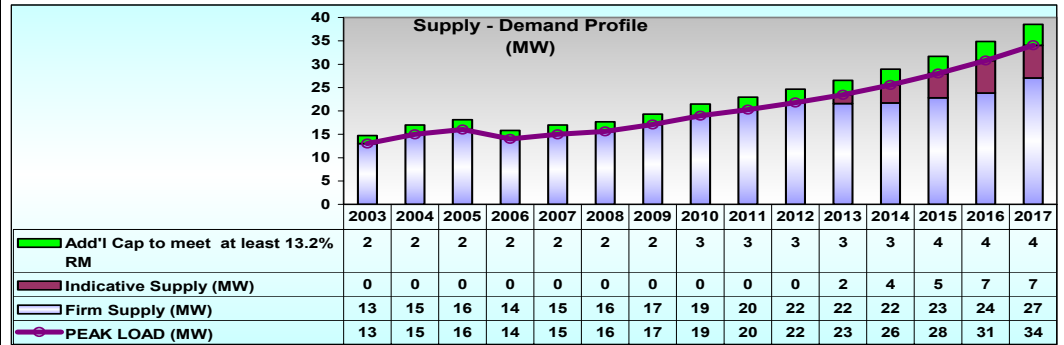
Franchise Coverage:

2 Cities (Dipolog and Dapitan) and 21 Municipalities ( Rizal, Sibutad, La Libertad, Sergio Osmena, Mutia, Pinan, Polanco, Katipunan, Roxas, Manukan, Jose Dalman, Sindangan, Siayan, Leon B. Postigo, Salug, Godod, Liloy, Tampilisan, Labason, Gutalac, Kalawit )



## Zamboanga del Sur II Electric Cooperative, Inc. (ZAMSURECO II)

General Information	
Location	Panqi, Ipil, Zamboanga Sibugay
Contact Person	Engr. Jesus Y. Castro
Position	General Manager
Tel. No:	(062) 333-2416
Fax No:	(062) 333-2416
E-mail Address	zamsureco2@yahoo.com
Coverage Area	
No. of barangays	558
Franchise Population	
SUPPLY HIGHLIGHTS	
ZAMSURECO II intends to replace the existing 5 MVA transformer into 3.5 MVA at the Sirawai Substation. The downgrading in the capacity of this substation is needed to complement its inadequate load.	



No. of Customers	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	AAGR
Residential	60,239	68,531	77,408	86,734	96,549	106,891	114,659	122,699	131,411	140,852	10%
Commercial	5,869	6,567	7,325	8,083	8,894	9,763	10,573	11,425	12,352	13,359	10%
Industrial	615	615	615	615	615	615	615	615	615	615	0%
Others	3,230	3,320	3,412	3,507	3,600	3,694	3,729	3,766	3,805	3,846	2%
<b>Total</b>	<b>69,953</b>	<b>79,033</b>	<b>88,760</b>	<b>98,939</b>	<b>109,658</b>	<b>120,964</b>	<b>129,576</b>	<b>138,505</b>	<b>148,183</b>	<b>158,673</b>	<b>10%</b>
Energy Sales per Customer Type (MWh)	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	AAGR
Residential	36,769	40,197	44,295	49,018	54,635	60,752	68,571	77,671	88,207	100,416	11%
Commercial	10,336	10,707	11,158	11,669	12,275	12,988	13,800	14,740	15,831	17,094	6%
Industrial	15,848	16,276	16,731	17,233	17,767	18,354	18,978	19,661	20,388	21,184	3%
Others	6,354	10,700	15,162	15,813	16,514	17,273	17,904	18,600	19,368	20,213	15%
<b>Total</b>	<b>69,307</b>	<b>77,879</b>	<b>87,346</b>	<b>93,734</b>	<b>101,192</b>	<b>109,368</b>	<b>119,253</b>	<b>130,672</b>	<b>143,794</b>	<b>158,906</b>	<b>9%</b>
Projected Infrastructure Requirements	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	TOTAL
Distribution/Sub-transmission Facilities	96	50									146
Expansion(ckt-km)	96	50									146
Rehabilitation(ckt-km)											
Substation Capacity (MVA)											
Reactive Power Compensation Plan (MVAr)											
Capital Investment Requirements(in Million PhP)	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	TOTAL
Distribution/Sub-transmission Facilities	131	47	6	7	9						200
Expansion	131	47									178
Rehabilitation			6	7	9						22
Substation Projects	22										22
Electrification Projects	49	31	35	45	50	61	56	65	61	71	524
<b>Total</b>	<b>202</b>	<b>78</b>	<b>41</b>	<b>52</b>	<b>60</b>	<b>61</b>	<b>56</b>	<b>65</b>	<b>61</b>	<b>71</b>	<b>746</b>
Level of Electrification	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	
<b>Barangay Level (%)</b>	<b>99%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	
No. of Barangays Electrified (On-Grid)	478	481	481	481	481	481	481	481	481	481	
No. of Barangays Electrified (Off-Grid)	76	77	77	77	77	77	77	77	77	77	
<b>Total</b>	<b>554</b>	<b>558</b>	<b>558</b>	<b>558</b>	<b>558</b>	<b>558</b>	<b>558</b>	<b>558</b>	<b>558</b>	<b>558</b>	
<b>Household Level (%)</b>	<b>45%</b>	<b>48%</b>	<b>51%</b>	<b>55%</b>	<b>58%</b>	<b>62%</b>	<b>67%</b>	<b>71%</b>	<b>76%</b>	<b>82%</b>	
No. of Households Electrified (On-Grid)	59,368	64,334	69,716	75,546	81,865	88,711	96,131	104,171	112,883	122,324	
No. of Households Electrified (Off-Grid)											
<b>Total</b>	<b>59,368</b>	<b>64,334</b>	<b>69,716</b>	<b>75,546</b>	<b>81,865</b>	<b>88,711</b>	<b>96,131</b>	<b>104,171</b>	<b>112,883</b>	<b>122,324</b>	

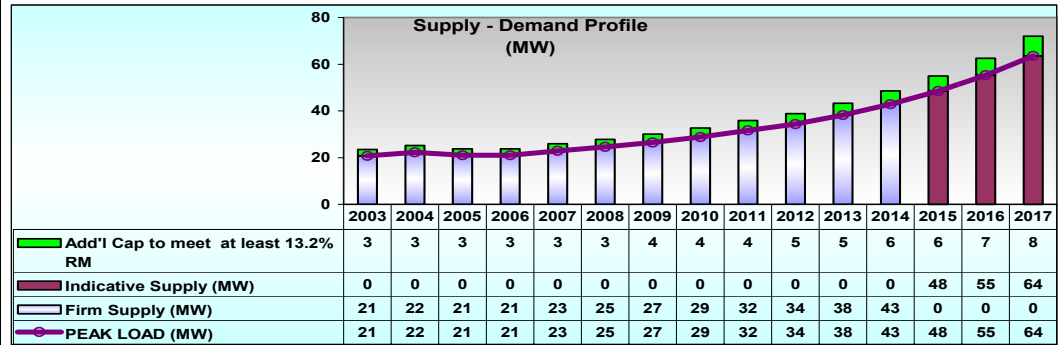
Franchise Coverage:

19 Municipalities (Bayog, Kumalarang, Lakewood, Alicia, Buug, Diplahan, Imelda, Ipil, Kabasalan, Roseller Lim, Mabuhay, Malangas, Naga, Olutanga, Payao, Siay, Talusan, Titay and Tungawan) and 4 Municipalities in Zamboanga del Norte (Baliguian, Sibuco, Siocon and Siraway)

**REGION 10  
ELECTRIC COOPERATIVES**

## First Bukidnon Electric Cooperative, Inc. (FIBECO)

General Information	
Location	Anahawon, Maramag, Bukidnon
Contact Person	Engr. Daniel A. Tangara
Position	Officer-in-Charge
Tel. No:	(088) 356-1025
Fax No:	(088) 356-1025
E-mail Address	fibeco_inc_maramag@yahoo.com.ph
Coverage Area	
No. of barangays	300
Franchise Population	
SUPPLY HIGHLIGHTS	
TSC of FIBECO with NPC will end in year 2015.	



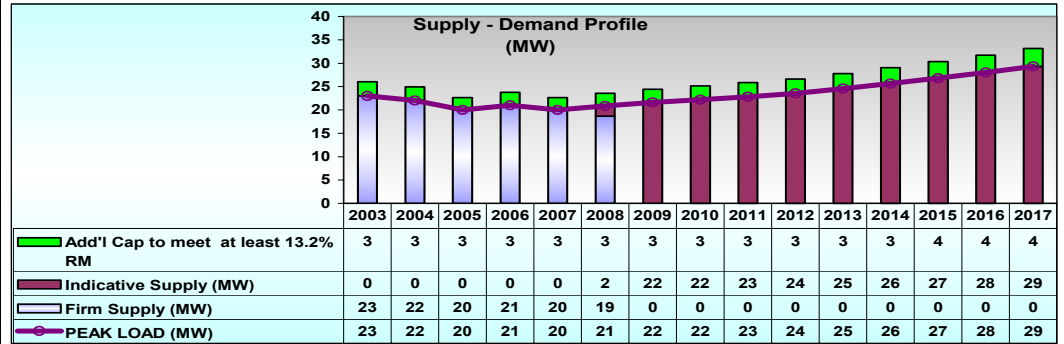
No. of Customers	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	AAGR
Residential	77,693	83,346	88,917	95,101	101,719	108,802	116,383	124,495	133,177	142,467	7%
Commercial	7,386	7,522	7,535	7,605	7,675	7,746	7,818	7,890	7,963	8,037	1%
Industrial	371	447	530	634	759	909	1,088	1,304	1,562	1,873	20%
Others	3,031	3,141	3,060	3,064	3,068	3,073	3,080	3,087	3,094	3,103	1%
<b>Total</b>	<b>88,482</b>	<b>94,455</b>	<b>100,042</b>	<b>106,403</b>	<b>113,221</b>	<b>120,530</b>	<b>128,368</b>	<b>136,775</b>	<b>145,797</b>	<b>155,481</b>	<b>7%</b>
Energy Sales per Customer Type (MWh)	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	AAGR
Residential	42,842	45,585	48,555	51,772	54,183	57,901	61,935	66,313	71,067	76,230	7%
Commercial	19,824	20,364	20,919	21,489	22,075	22,677	23,295	23,931	24,584	25,256	3%
Industrial	31,187	36,324	42,647	50,455	58,076	69,744	84,289	102,451	125,167	153,615	19%
Others	6,846	7,651	8,273	8,615	8,977	9,361	9,622	9,892	10,172	10,462	5%
<b>Total</b>	<b>100,699</b>	<b>109,924</b>	<b>120,393</b>	<b>132,330</b>	<b>143,311</b>	<b>159,683</b>	<b>179,141</b>	<b>202,587</b>	<b>230,990</b>	<b>265,562</b>	<b>11%</b>
Projected Infrastructure Requirements	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	TOTAL
Distribution/Sub-transmission Facilities	101	30	37								168
<i>Expansion(ckt-km)</i>	79	28	37								144
<i>Rehabilitation(ckt-km)</i>	22	2									24
Substation Capacity (MVA)	10		5		10	20		20			65
Reactive Power Compensation Plan (MVAr)											
Capital Investment Requirements(in Million PhP)	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	TOTAL
Distribution/Sub-transmission Facilities	87	31	60	11	11	10	10	10	10	10	250
<i>Expansion</i>	68	28	60								156
<i>Rehabilitation</i>	19	2	0	11	11	10	10	10	10	10	94
Substation Projects	34		18		24	30		30			136
Electrification Projects	34	37	39	33	40	46	49	54	58	64	454
<b>Total</b>	<b>155</b>	<b>68</b>	<b>117</b>	<b>44</b>	<b>74</b>	<b>87</b>	<b>59</b>	<b>94</b>	<b>68</b>	<b>74</b>	<b>841</b>
Level of Electrification	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	
<b>Barangay Level (%)</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	
No of Barangays Electrified (On-Grid)	300	300	300	300	300	300	300	300	300	300	
No. of Barangays Electrified (Off-Grid)											
<b>Total</b>	<b>300</b>	<b>300</b>	<b>300</b>	<b>300</b>	<b>300</b>	<b>300</b>	<b>300</b>	<b>300</b>	<b>300</b>	<b>300</b>	
<b>Household Level (%)</b>	<b>59%</b>	<b>61%</b>	<b>63%</b>	<b>65%</b>	<b>66%</b>	<b>69%</b>	<b>71%</b>	<b>73%</b>	<b>75%</b>	<b>77%</b>	
No. of Households Electrified (On-Grid)	77,407	82,826	88,623	94,827	101,465	108,567	116,167	124,299	133,000	142,310	
No. of Households Electrified (Off-Grid)											
<b>Total</b>	<b>77,407</b>	<b>82,826</b>	<b>88,623</b>	<b>94,827</b>	<b>101,465</b>	<b>108,567</b>	<b>116,167</b>	<b>124,299</b>	<b>133,000</b>	<b>142,310</b>	

Franchise Coverage:

1 City in Bukidnon (Valencia); 11 Municipalities in Bukidnon (San Fernando, Maramag, Quezon, Pangantucan, Kalilangan, Don Carlos, Kibawe, Kitaotao, Dangcagan, Damulog, Kadingilan); 2 Municipalities in Lanao del Sur (Wao and Bumbaran)

## Misamis Occidental II Electric Cooperative, Inc. (MOELCI II)

General Information	
Location	Bitoon, Aquada, Ozamiz City
Contact Person	Jemilo L. Pelimer
Position	General Manager
Tel. No:	(088) 521-1461
Fax No:	(088) 521-1461
E-mail Address	moelci2@yahoo.com
Coverage Area	
No. of barangays	253
Franchise Population	
SUPPLY HIGHLIGHTS	
MOELCI II has an existing Transition Supply Contract with NPC until December 31, 2008. Two 10 MVA substations will be upgraded and the 70 Km. 69 KV TRANSCO transmission line will be acquired.	



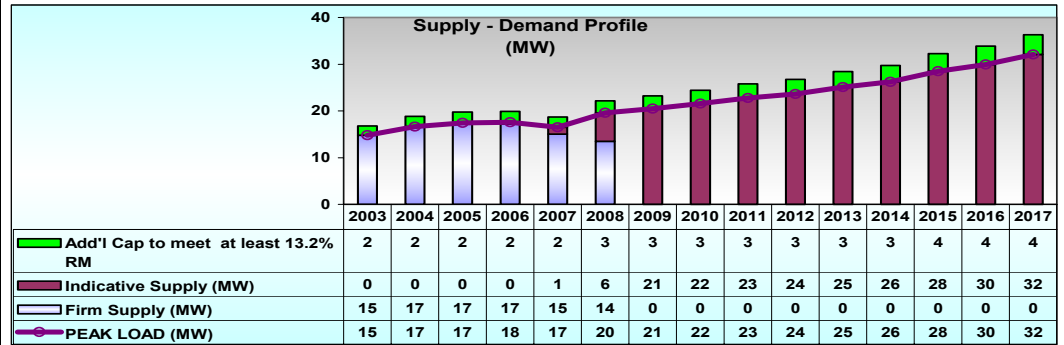
No. of Customers	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	AAGR
Residential	44,944	46,470	48,048	49,642	51,188	52,701	54,260	55,864	57,518	59,220	3%
Commercial	2,234	2,256	2,279	2,302	2,325	2,348	2,372	2,395	2,419	2,443	1%
Industrial	89	90	91	92	92	93	94	95	96	97	1%
Others	1,294	1,295	1,295	1,295	1,295	1,295	1,295	1,295	1,295	1,296	0.1%
<b>Total</b>	<b>48,561</b>	<b>50,111</b>	<b>51,712</b>	<b>53,330</b>	<b>54,901</b>	<b>56,438</b>	<b>58,021</b>	<b>59,650</b>	<b>61,329</b>	<b>63,057</b>	<b>3%</b>
Energy Sales per Customer Type (MWh)	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	AAGR
Residential	44,188	45,902	47,698	49,562	51,512	53,541	55,661	57,877	60,193	62,614	4%
Commercial	28,071	29,845	31,732	33,739	35,892	38,183	40,621	43,237	46,024	48,990	6%
Industrial	9,741	10,064	10,397	10,742	11,098	11,467	11,847	12,241	12,648	13,070	3%
Others	12,208	12,452	12,701	12,957	13,218	13,483	13,754	14,029	14,311	14,598	2%
<b>Total</b>	<b>94,208</b>	<b>98,263</b>	<b>102,528</b>	<b>107,000</b>	<b>111,720</b>	<b>116,674</b>	<b>121,883</b>	<b>127,385</b>	<b>133,176</b>	<b>139,272</b>	<b>4%</b>
Projected Infrastructure Requirements	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	TOTAL
Distribution/Sub-transmission Facilities	5	10	8	9	3	3	3	4			45
Expansion(ckt-km)	3	6	4	4	1	3	3	4			28
Rehabilitation(ckt-km)	2	4	4	5	2						17
Substation Capacity (MVA)											
Reactive Power Compensation Plan (MVAr)											
Capital Investment Requirements(in Million PhP)	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	TOTAL
Distribution/Sub-transmission Facilities	29	33	45	34	30	28	29	33	29	30	321
Expansion	17	19	22	15	12	28	29	33			176
Rehabilitation	12	14	22	19	18				29	30	145
Substation Projects	11										11
Electrification Projects	7	20	9	10	9	10	9	10	9	10	104
<b>Total</b>	<b>47</b>	<b>53</b>	<b>53</b>	<b>44</b>	<b>39</b>	<b>38</b>	<b>38</b>	<b>43</b>	<b>39</b>	<b>40</b>	<b>435</b>
Level of Electrification	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	
<b>Barangay Level (%)</b>	<b>100%</b>	<b>100%</b>	<b>1012%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	
No. of Barangays Electrified (On-Grid)	253	253	253	253	253	253	253	253	253	253	
No. of Barangays Electrified (Off-Grid)											
<b>Total</b>	<b>253</b>	<b>253</b>	<b>253</b>	<b>253</b>	<b>253</b>	<b>253</b>	<b>253</b>	<b>253</b>	<b>253</b>	<b>253</b>	
<b>Household Level (%)</b>	<b>80%</b>	<b>80%</b>	<b>80%</b>	<b>80%</b>	<b>81%</b>	<b>81%</b>	<b>81%</b>	<b>82%</b>	<b>82%</b>	<b>82%</b>	
No. of Households Electrified (On-Grid)	44,805	46,149	47,534	48,960	50,428	51,941	53,500	55,104	56,758	58,460	
No. of Households Electrified (Off-Grid)											
<b>Total</b>	<b>44,805</b>	<b>46,149</b>	<b>47,534</b>	<b>48,960</b>	<b>50,428</b>	<b>51,941</b>	<b>53,500</b>	<b>55,104</b>	<b>56,758</b>	<b>58,460</b>	

Franchise Coverage:

Covers 6 Municipalities namely: Jimenez, Panaon, Bonifacio, Clarin, Sinacaban, Tudela and the Cities of Ozamis and Tangub.

## Bukidnon Second Electric Cooperative, Inc. (BUSECO)

General Information	
Location	Manolo Fortich, Bukidnon
Contact Person	Edgardo R. Masonsonga
Position	General Manager
Tel. No:	(088) 221-2240
Fax No:	(088) 221-2240
E-mail Address	buseco_buk@yahoo.com
Coverage Area	
No. of barangays	171
Franchise Population	
SUPPLY HIGHLIGHTS	
BUSECO will construct a 5 MVA substation at Kisolon in 2009 and another 5 MVA will also be constructed at Talakag on 2010. This will cater to the increasing load of agribusiness consumers investing in Bukidnon. TSC will expire on September 2008.	



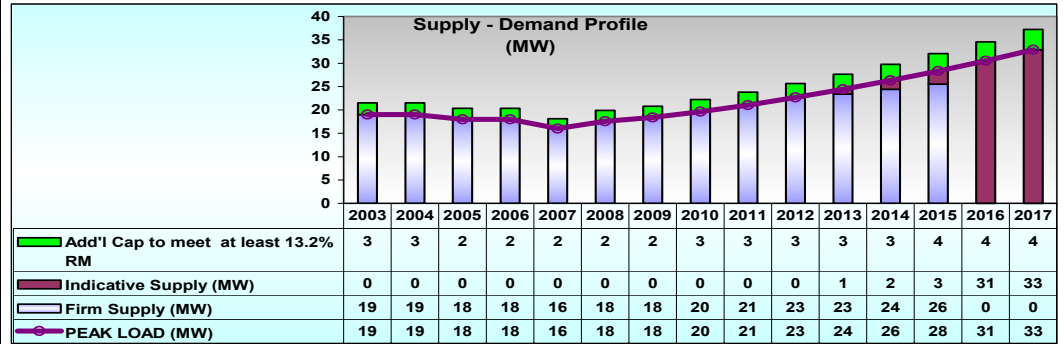
No. of Customers	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	AAGR
Residential	47,666	49,812	52,405	55,115	57,930	60,856	63,895	67,055	69,973	73,023	5%
Commercial	2,901	2,909	2,917	2,925	2,933	2,941	2,949	2,957	2,965	2,973	0.3%
Industrial	405	415	426	436	447	458	469	480	492	504	2%
Others	1,104	1,104	1,105	1,106	1,106	1,107	1,107	1,108	1,109	1,109	0.3%
<b>Total</b>	<b>52,077</b>	<b>54,241</b>	<b>56,852</b>	<b>59,581</b>	<b>62,416</b>	<b>65,361</b>	<b>68,420</b>	<b>71,599</b>	<b>74,538</b>	<b>77,609</b>	<b>5%</b>
Energy Sales per Customer Type (MWh)	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	AAGR
Residential	35,207	36,921	38,904	41,188	43,812	46,821	50,353	54,487	59,088	64,338	7%
Commercial	18,570	19,558	20,600	21,699	22,856	24,076	25,363	26,721	28,153	29,661	5%
Industrial	21,702	23,317	25,087	27,008	29,094	31,359	33,814	36,491	39,384	42,511	8%
Others	5,913	6,390	6,906	7,465	8,069	8,723	9,430	10,197	11,026	11,923	8%
<b>Total</b>	<b>81,391</b>	<b>86,187</b>	<b>91,498</b>	<b>97,360</b>	<b>103,831</b>	<b>110,980</b>	<b>118,960</b>	<b>127,896</b>	<b>137,651</b>	<b>148,434</b>	<b>7%</b>
Projected Infrastructure Requirements	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	TOTAL
Distribution/Sub-transmission Facilities	11	58	81	37	28						214
Expansion(ckt-km)	3	34	69								106
Rehabilitation(ckt-km)	7	24	12	37	28						108
Substation Capacity (MVA)		5	5								10
Reactive Power Compensation Plan (MVar)											
Capital Investment Requirements(in Million PhP)	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	TOTAL
Distribution/Sub-transmission Facilities	13	57	60	12	10	10	10	10	10	10	203
Expansion	4	33	52								89
Rehabilitation	9	23	9	12	10	10	10	10	10	10	114
Substation Projects	2	20	20	2	2		1	1			49
Electrification Projects	17	13	13	27	40	15	16	17	19	24	200
<b>Total</b>	<b>31</b>	<b>90</b>	<b>94</b>	<b>41</b>	<b>52</b>	<b>25</b>	<b>28</b>	<b>28</b>	<b>29</b>	<b>34</b>	<b>452</b>
Level of Electrification	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	
<b>Barangay Level (%)</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	
No. of Barangays Electrified (On-Grid)	171	171	171	171	171	171	171	171	171	171	
No. of Barangays Electrified (Off-Grid)											
<b>Total</b>	<b>171</b>	<b>171</b>	<b>171</b>	<b>171</b>	<b>171</b>	<b>171</b>	<b>171</b>	<b>171</b>	<b>171</b>	<b>171</b>	
<b>Household Level (%)</b>	<b>54%</b>	<b>56%</b>	<b>57%</b>	<b>58%</b>	<b>59%</b>	<b>60%</b>	<b>62%</b>	<b>63%</b>	<b>64%</b>	<b>66%</b>	
No. of Households Electrified (On-Grid)	47,656	49,801	52,042	54,384	56,831	59,388	62,061	64,853	67,772	70,822	
No. of Households Electrified (Off-Grid)											
<b>Total</b>	<b>47,656</b>	<b>49,801</b>	<b>52,042</b>	<b>54,384</b>	<b>56,831</b>	<b>59,388</b>	<b>62,061</b>	<b>64,853</b>	<b>67,772</b>	<b>70,822</b>	

Franchise Coverage:

Covers the 11 municipalities of Bukidnon namely: Talakag, Baungon, Libona, Manolo Fortich, Impasug-ong, Malitbog, Malaybalay, Sumilao, Lantapan, Cabanglasan, and Lilingayon Valencia.

# Misamis Oriental I Rural Electric Service Cooperative, Inc. (MORESCO I)

General Information	
Location	Laquindangan, Misamis Oriental
Contact Person	Julie B. Real
Position	General Manager
Tel. No:	(08822) 756-225; 756-047; 756-118
Fax No:	(08822) 756-304
E-mail Address	moresco1@webgate.net.ph
Coverage Area	
No. of barangays	155
Franchise Population	
SUPPLY HIGHLIGHTS	
MORESCO I's TSC will expire on 2015	



No. of Customers	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	AAGR
Residential	48,603	50,926	53,250	55,574	57,897	60,219	62,541	64,867	67,191	69,515	6%
Commercial	2,430	2,407	2,407	2,407	2,407	2,407	2,407	2,407	2,407	2,407	1%
Industrial	25	22	22	22	22	22	22	22	22	22	1%
Others	3,429	3,538	3,537	3,538	3,537	3,537	3,538	3,537	3,538	3,537	1%
<b>Total</b>	<b>54,487</b>	<b>56,893</b>	<b>59,216</b>	<b>61,541</b>	<b>63,863</b>	<b>66,185</b>	<b>68,508</b>	<b>70,834</b>	<b>73,157</b>	<b>75,481</b>	<b>5%</b>
Energy Sales per Customer Type (MWh)	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	AAGR
Residential	38,028	41,510	45,421	49,659	54,807	60,399	66,488	73,130	80,300	88,126	10%
Commercial	19,780	20,546	21,735	23,201	24,844	26,540	28,313	30,172	32,126	34,185	7%
Industrial	13,342	12,351	12,807	13,262	13,717	14,173	14,628	15,083	15,539	15,994	4%
Others	212,202	232,302	245,303	258,809	272,853	287,463	310,084	332,710	355,336	377,977	92%
<b>Total</b>	<b>283,352</b>	<b>306,710</b>	<b>325,265</b>	<b>344,931</b>	<b>366,221</b>	<b>388,574</b>	<b>419,513</b>	<b>451,096</b>	<b>483,300</b>	<b>516,282</b>	<b>30%</b>
Projected Infrastructure Requirements	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	TOTAL
Distribution/Sub-transmission Facilities	216	99	89	52							457
Expansion(ckt-km)	188	88	78	45							399
Rehabilitation(ckt-km)	28	12	11	7							58
Substation Capacity (MVA)	2			1			1				4
Reactive Power Compensation Plan (MVA <sub>r</sub> )	0.9	0.3	0.6	0.3	0.3	0.5	0.5	0.6	0.6	0.6	5
Capital Investment Requirements(in Million PhP)	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	TOTAL
Distribution/Sub-transmission Facilities	247	92	89	91	40	39	43	53	54	56	805
Expansion	215	81	78	79							453
Rehabilitation	32	11	11	12	40	39	43	53	54	56	352
Substation Projects	206			18			18				242
Electrification Projects	96	12	36	26	37	29	32	26	37	18	349
<b>Total</b>	<b>549</b>	<b>104</b>	<b>125</b>	<b>135</b>	<b>78</b>	<b>68</b>	<b>93</b>	<b>79</b>	<b>91</b>	<b>74</b>	<b>1,396</b>
Level of Electrification	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	
<b>Barangay Level (%)</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	
No. of Barangays Electrified (On-Grid)	155	155	155	155	155	155	155	155	155	155	
No. of Barangays Electrified (Off-Grid)											
<b>Total</b>	<b>155</b>	<b>155</b>	<b>155</b>	<b>155</b>	<b>155</b>	<b>155</b>	<b>155</b>	<b>155</b>	<b>155</b>	<b>155</b>	
<b>Household Level (%)</b>	<b>61%</b>	<b>61%</b>	<b>62%</b>	<b>63%</b>	<b>64%</b>	<b>64%</b>	<b>64%</b>	<b>65%</b>	<b>65%</b>	<b>65%</b>	
No. of Households Electrified (On-Grid)	44,076	46,399	48,723	51,047	53,370	55,692	58,014	60,340	62,664	64,988	
No. of Households Electrified (Off-Grid)											
<b>Total</b>	<b>44,076</b>	<b>46,399</b>	<b>48,723</b>	<b>51,047</b>	<b>53,370</b>	<b>55,692</b>	<b>58,014</b>	<b>60,340</b>	<b>62,664</b>	<b>64,988</b>	

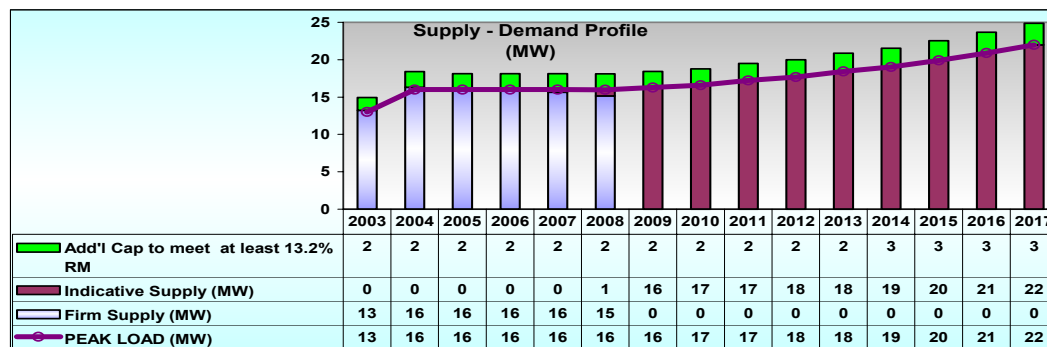
Franchise Coverage:

Covering nine municipalities of West Misamis Oriental namely: El Salvador, Gitagum, Initao, Laguindingan, Libertad, Lugait, Manticao, Naawan and Opol; two municipalities in Bukidnon namely: Talakag and Baungon and Aubijid, Cagayan de Oro.



## Misamis Oriental II Electric Service Cooperative, Inc. (MORESCO II)

General Information	
Location	Medina Misamis Oriental
Contact Person	Amado B. Ke-e
Position	General Manager
Tel. No:	(088) 331-2771
Fax No:	(088) 331-2771
E-mail Address	moresco_ii@yahoo.com
Coverage Area	1,500 sq.km.
No. of barangays	273
Franchise Population	
SUPPLY HIGHLIGHTS	
Transition Supply Contract will Expire on Aug. 25, 2008 in compliance with the provision of the EPIRA. Thereafter, this Contract may be considered a Regular Bilateral Contract (RBC).	



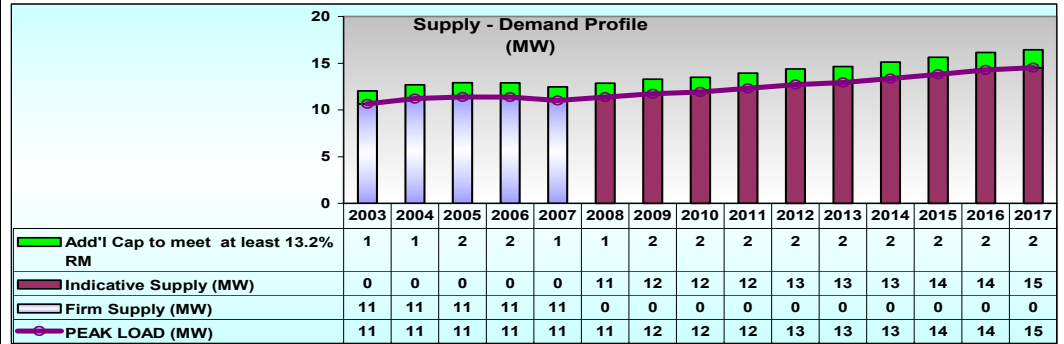
No. of Customers	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	AAGR
Residential	42,380	44,640	47,239	49,996	52,894	55,768	58,732	61,802	65,009	68,387	5%
Commercial	1,980	2,079	2,182	2,288	2,398	2,514	2,636	2,763	2,897	3,037	5%
Industrial	323	336	349	362	377	391	407	422	439	456	4%
Others	1,261	1,267	1,274	1,278	1,279	1,280	1,280	1,281	1,282	1,283	1%
<b>Total</b>	<b>45,944</b>	<b>48,322</b>	<b>51,044</b>	<b>53,924</b>	<b>56,947</b>	<b>59,953</b>	<b>63,054</b>	<b>66,269</b>	<b>69,627</b>	<b>73,163</b>	<b>5%</b>
Energy Sales per Customer Type (MWh)	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	AAGR
Residential	34,587	37,698	41,090	44,790	48,824	53,218	58,009	63,218	68,893	75,078	9%
Commercial	5,474	5,801	6,148	6,514	6,901	7,312	7,746	8,206	8,694	9,211	6%
Industrial	10,017	10,924	11,913	12,992	14,169	15,453	16,854	18,381	20,047	21,865	9%
Others	26,874	27,002	27,135	27,272	27,412	27,554	27,701	27,854	28,013	28,178	1%
<b>Total</b>	<b>76,951</b>	<b>81,425</b>	<b>86,286</b>	<b>91,568</b>	<b>97,306</b>	<b>103,537</b>	<b>110,309</b>	<b>117,659</b>	<b>125,647</b>	<b>134,331</b>	<b>6%</b>
Projected Infrastructure Requirements	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	TOTAL
Distribution/Sub-transmission Facilities	24	21	22	18	20	18	28	10	10	2	174
Expansion(ckt-km)	22		17	12	10	9	14	4	5	7	94
Rehabilitation(ckt-km)	2	21	5	6	11	9	15	6	4	1	80
Substation Capacity (MVA)	15										15
Reactive Power Compensation Plan (MVAr)											
Capital Investment Requirements(in Million PhP)	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	TOTAL
Distribution/Sub-transmission Facilities	14	11	14	10	12	9	11	3	4	1	90
Expansion	13		11	7	6	4	5	1	2	1	50
Rehabilitation	1	11	3	3	6	4	6	2	2	1	40
Substation Projects	34										34
Electrification Projects	14	11	12	11	13	12	14	16	22	15	140
<b>Total</b>	<b>62</b>	<b>22</b>	<b>26</b>	<b>21</b>	<b>25</b>	<b>21</b>	<b>25</b>	<b>19</b>	<b>26</b>	<b>16</b>	<b>264</b>
Level of Electrification	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	
<b>Barangay Level (%)</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	
No. of Barangays Electrified (On-Grid)	273	273	273	273	273	273	273	273	273	273	
No. of Barangays Electrified (Off-Grid)	1	1	1	1	1	1	1	1	1	1	
<b>Total</b>	<b>274</b>	<b>274</b>	<b>274</b>	<b>274</b>	<b>274</b>	<b>274</b>	<b>274</b>	<b>274</b>	<b>274</b>	<b>274</b>	
<b>Household Level (%)</b>	<b>88%</b>	<b>91%</b>	<b>94%</b>	<b>98%</b>	<b>101%</b>	<b>105%</b>	<b>108%</b>	<b>112%</b>	<b>116%</b>	<b>120%</b>	
No. of Households Electrified (On-Grid)	42,159	44,394	46,746	49,224	51,833	54,580	57,473	60,519	63,726	67,104	
No. of Households Electrified (Off-Grid)											
<b>Total</b>	<b>42,159</b>	<b>44,394</b>	<b>46,746</b>	<b>49,224</b>	<b>51,833</b>	<b>54,580</b>	<b>57,473</b>	<b>60,519</b>	<b>63,726</b>	<b>67,104</b>	

Franchise Coverage:

Covering the 12 municipalities & 1 City of Eastern Part of Misamis Oriental namely: Magsaysay, Gingoog City, Medina, Talisayan, Balingoan, Kinoguitan, Sugbongcogon, Binuangan, Salay, Lagolong, Balingasag, Jasaan, and Claveria.

## Lanao Del Norte Electric Cooperative, Inc. (LANECO)

General Information	
Location	Tubod, Lanao del Norte
Contact Person	Engr. Respol C. Torres
Position	General Manager
Tel. No:	(063) 341-5231 / 495-0016
Fax No:	(063) 341- 5231
E-mail Address	laneco_neptune@yahoo.com
Coverage Area	
No. of barangays	407
Franchise Population	
SUPPLY HIGHLIGHTS	
LANECO has sufficient firm supply but to maintain reliable service to its consumers, technical enhancements are being undertaken. Also, construction of 18 km of 69 kV Line traversing Kapatagan to Tubod Lanao del Norte and the construction of 1 - 10 MVA S/S In Tubod is Expected next year.	



No. of Customers	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	AAGR
Residential	49,954	51,186	52,449	53,736	55,055	56,408	57,794	59,215	60,671	62,164	3%
Commercial	3,212	3,245	3,276	3,309	3,341	3,374	3,407	3,441	3,475	3,509	1%
Industrial	358	364	369	375	380	386	392	398	404	410	2%
Others	2,662	2,663	2,665	2,666	2,667	2,669	2,670	2,672	2,673	2,675	0.2%
<b>Total</b>	<b>56,187</b>	<b>57,458</b>	<b>58,759</b>	<b>60,085</b>	<b>61,444</b>	<b>62,836</b>	<b>64,263</b>	<b>65,725</b>	<b>67,223</b>	<b>68,757</b>	<b>2%</b>
Energy Sales per Customer Type (MWh)	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	AAGR
Residential	33,552	34,593	35,671	36,788	37,946	39,145	40,383	41,666	42,997	44,377	3%
Commercial	8,259	8,625	9,008	9,407	9,825	10,261	10,716	11,191	11,687	12,206	4%
Industrial	7,502	7,736	7,978	8,228	8,486	8,753	9,028	9,313	9,607	9,911	3%
Others	3,321	3,419	3,524	3,636	3,756	3,885	4,024	4,175	4,338	4,515	4%
<b>Total</b>	<b>52,635</b>	<b>54,373</b>	<b>56,181</b>	<b>58,059</b>	<b>60,012</b>	<b>62,044</b>	<b>64,151</b>	<b>66,345</b>	<b>68,629</b>	<b>71,009</b>	<b>3%</b>
Projected Infrastructure Requirements	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	TOTAL
Distribution/Sub-transmission Facilities	53										53
<i>Expansion(ckt-km)</i>	39										39
<i>Rehabilitation(ckt-km)</i>	14										14
Substation Capacity (MVA)	10										10
Reactive Power Compensation Plan (MVAr)											
Capital Investment Requirements(in Million PhP)	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	TOTAL
Distribution/Sub-transmission Facilities	57										57
<i>Expansion</i>	41										41
<i>Rehabilitation</i>	15										15
Substation Projects	24										24
Electrification Projects	18	5	5	5	5	5	5	5	5	6	63
<b>Total</b>	<b>99</b>	<b>5</b>	<b>5</b>	<b>5</b>	<b>5</b>	<b>5</b>	<b>5</b>	<b>5</b>	<b>5</b>	<b>6</b>	<b>144</b>
Level of Electrification	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	
<b>Barangay Level (%)</b>	<b>80%</b>	<b>80%</b>	<b>80%</b>	<b>80%</b>	<b>80%</b>	<b>80%</b>	<b>80%</b>	<b>80%</b>	<b>80%</b>	<b>80%</b>	
No of Barangays Electrified (On-Grid)	324	324	324	324	324	324	324	324	324	324	
No. of Barangays Electrified (Off-Grid)											
<b>Total</b>	<b>324</b>	<b>324</b>	<b>324</b>	<b>324</b>	<b>324</b>	<b>324</b>	<b>324</b>	<b>324</b>	<b>324</b>	<b>324</b>	
<b>Household Level (%)</b>	<b>71%</b>	<b>72%</b>	<b>74%</b>	<b>75%</b>	<b>77%</b>	<b>78%</b>	<b>80%</b>	<b>81%</b>	<b>83%</b>	<b>84%</b>	
No. of Households Electrified (On-Grid)	49,008	50,234	51,489	52,777	54,096	55,448	56,835	58,255	59,712	61,205	
No. of Households Electrified (Off-Grid)											
<b>Total</b>	<b>49,008</b>	<b>50,234</b>	<b>51,489</b>	<b>52,777</b>	<b>54,096</b>	<b>55,448</b>	<b>56,835</b>	<b>58,255</b>	<b>59,712</b>	<b>61,205</b>	

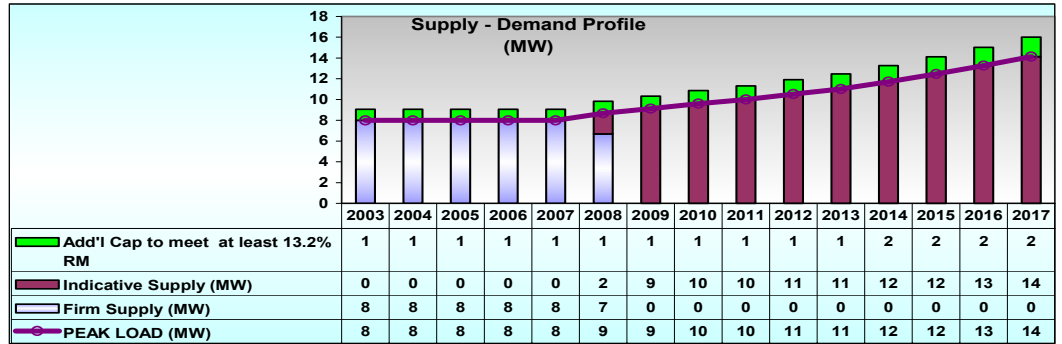
Franchise Coverage:

15 Municipalities (Bacolod, Baroy, Kauswagon, Kolambugan, Linamon, Maigo, Tubod, Katapatan, Lala, Magsaysay, Matungao, Salvador, Sapad, S.N. Domaporo and Tangal)



## Misamis Occidental I Electric Cooperative, Inc. (MOELCI I)

General Information	
Location	Magcamiquing, Calamba, Misamis Occidental
Contact Person	Noel B. Dumalagan
Position	General Manager
Tel. No:	(088) 271-3660
Fax No:	(088) 271-3660
E-mail Address	moelci_uno@yahoo.com
Coverage Area	
No. of barangays	227
Franchise Population	
SUPPLY HIGHLIGHTS	
Installation of a stand-by 5MVA substation from Oroquieta to Bunawan, Calamba will be prioritized to address the capacity deficiency of the whole system. The present maximum demand is 8 MVA. The Transitory Supply Contract (TSC) will expire on August 2008.	



No. of Customers	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	AAGR
Residential	33,557	34,564	35,725	36,975	38,453	39,989	41,588	43,249	44,974	46,767	4%
Commercial	2,044	2,115	2,189	2,266	2,345	2,427	2,512	2,587	2,665	2,745	3%
Industrial	111	113	115	117	120	122	125	127	130	132	2%
Others	1,032	1,025	1,026	1,034	1,042	1,045	1,048	1,038	1,040	1,042	1%
<b>Total</b>	<b>36,743</b>	<b>37,816</b>	<b>39,055</b>	<b>40,392</b>	<b>41,959</b>	<b>43,584</b>	<b>45,272</b>	<b>47,002</b>	<b>48,808</b>	<b>50,686</b>	<b>4%</b>
Energy Sales per Customer Type (MWh)	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	AAGR
Residential	21,061	22,282	23,575	25,056	26,751	28,563	30,555	32,688	34,972	37,417	7%
Commercial	6,887	7,313	7,766	8,254	8,774	9,327	9,915	10,495	11,110	11,761	6%
Industrial	4,382	4,548	4,720	4,902	5,091	5,288	5,492	5,704	5,924	6,154	4%
Others	4,465	4,749	5,083	5,468	5,889	6,320	6,786	7,215	7,748	8,323	8%
<b>Total</b>	<b>36,795</b>	<b>38,891</b>	<b>41,145</b>	<b>43,681</b>	<b>46,504</b>	<b>49,497</b>	<b>52,748</b>	<b>56,103</b>	<b>59,754</b>	<b>63,654</b>	<b>7%</b>
Projected Infrastructure Requirements	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	TOTAL
Distribution/Sub-transmission Facilities			6	10							16
Expansion(ckt-km)			6	10							16
Rehabilitation(ckt-km)											
Substation Capacity (MVA)	5			5							10
Reactive Power Compensation Plan (MVAr)											
Capital Investment Requirements(in Million PhP)	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	TOTAL
Distribution/Sub-transmission Facilities	26	31	41	48	35	35	35	35	52	52	389
Expansion			41	48							89
Rehabilitation	26	31			35	35	35	35	52	52	300
Substation Projects	7			7							14
Electrification Projects	19	5	4	5	6	6	6	6	7	6	70
<b>Total</b>	<b>52</b>	<b>36</b>	<b>45</b>	<b>60</b>	<b>41</b>	<b>40</b>	<b>41</b>	<b>41</b>	<b>59</b>	<b>58</b>	<b>473</b>
Level of Electrification	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	
<b>Barangay Level (%)</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	
No. of Barangays Electrified (On-Grid)	227	227	227	227	227	227	227	227	227	227	
No. of Barangays Electrified (Off-Grid)											
<b>Total</b>	<b>227</b>	<b>227</b>	<b>227</b>	<b>227</b>	<b>227</b>	<b>227</b>	<b>227</b>	<b>227</b>	<b>227</b>	<b>227</b>	
<b>Household Level (%)</b>	<b>80%</b>	<b>80%</b>	<b>80%</b>	<b>80%</b>	<b>81%</b>	<b>82%</b>	<b>83%</b>	<b>84%</b>	<b>84%</b>	<b>85%</b>	
No. of Households Electrified (On-Grid)	33,557	34,564	35,601	36,847	38,321	39,853	41,448	43,105	44,830	46,623	
No. of Households Electrified (Off-Grid)											
<b>Total</b>	<b>33,557</b>	<b>34,564</b>	<b>35,601</b>	<b>36,847</b>	<b>38,321</b>	<b>39,853</b>	<b>41,448</b>	<b>43,105</b>	<b>44,830</b>	<b>46,623</b>	

Franchise Coverage:

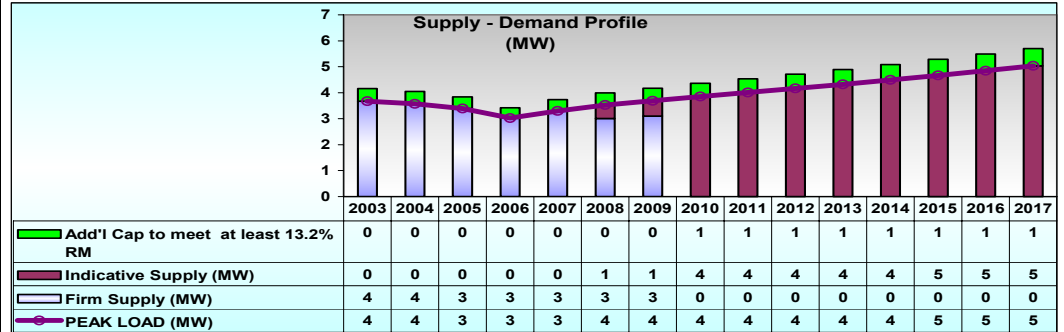
Seven (7) municipalities and One (1) city namely: Aloran, Lopez Jaena, Plaridel, Calamba, Baliangao, Sapang Dalaga, Concepcion and Oroquieta

## Camiguin Electric Cooperative, Inc. (CAMELCO)

General Information	
Location	Pandan, Mambajao, Camiguin Province
Contact Person	Adrian A. Ebcas
Position	General Manager
Tel. No:	(088) 387-1227
Fax No:	(088) 387-1227
E-mail Address	
Coverage Area	
No. of barangays	58
Franchise Population	

### SUPPLY HIGHLIGHTS

Source of Power from Mindanao Grid generated by Genco and transmitted by TransCo supplying a 5 MVA substation. Transition Supply Contract will expire by 2009. Also, it is expected that there will be projected deficient supply by then. As such, there are on-going exploratory talks for the upgrading of submarine cable and wind power energy.



No. of Customers	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	AAGR
Residential	12,881	13,492	14,101	14,647	15,193	15,737	16,278	16,819	17,361	17,902	4%
Commercial	645	645	645	645	645	645	645	645	645	645	0%
Industrial											
Others	1,403	1,387	1,387	1,387	1,387	1,387	1,387	1,387	1,387	1,387	0%
<b>Total</b>	<b>14,930</b>	<b>15,525</b>	<b>16,133</b>	<b>16,679</b>	<b>17,225</b>	<b>17,769</b>	<b>18,310</b>	<b>18,851</b>	<b>19,393</b>	<b>19,935</b>	<b>4%</b>
Energy Sales per Customer Type (MWh)	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	AAGR
Residential	8,176	8,790	9,432	10,099	10,798	11,529	12,289	13,085	13,918	14,789	7%
Commercial	2,926	3,027	3,057	3,088	3,119	3,150	3,181	3,213	3,245	3,278	2%
Industrial											
Others	1,980	1,983	1,986	1,989	1,993	1,997	2,001	2,004	2,008	2,012	1%
<b>Total</b>	<b>13,081</b>	<b>13,800</b>	<b>14,475</b>	<b>15,176</b>	<b>15,910</b>	<b>16,675</b>	<b>17,471</b>	<b>18,302</b>	<b>19,172</b>	<b>20,079</b>	<b>5%</b>
Projected Infrastructure Requirements	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	TOTAL
Distribution/Sub-transmission Facilities	67	64	64	64	64	64	64	64	64	64	639
Expansion(ckt-km)	67	64	64	64	64	64	64	64	64	64	639
Rehabilitation(ckt-km)											
Substation Capacity (MVA)											
Reactive Power Compensation Plan (MVAr)											
Capital Investment Requirements(in Million Php)	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	TOTAL
Distribution/Sub-transmission Facilities	7	4	3	3	3	3	3	3	3	3	35
Expansion	7	4	3	3	3	3	3	3	3	3	35
Rehabilitation											
Substation Projects											
Electrification Projects	6	2	3	2	2	2	2	2	2	2	23
<b>Total</b>	<b>13</b>	<b>5</b>	<b>6</b>	<b>5</b>	<b>5</b>	<b>5</b>	<b>5</b>	<b>5</b>	<b>5</b>	<b>5</b>	<b>58</b>
Level of Electrification	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	
<b>Barangay Level (%)</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	
No. of Barangays Electrified (On-Grid)	58	58	58	58	58	58	58	58	58	58	
No. of Barangays Electrified (Off-Grid)											
<b>Total</b>	<b>58</b>	<b>58</b>	<b>58</b>	<b>58</b>	<b>58</b>	<b>58</b>	<b>58</b>	<b>58</b>	<b>58</b>	<b>58</b>	
<b>Household Level (%)</b>	<b>74%</b>	<b>76%</b>	<b>77%</b>	<b>79%</b>	<b>81%</b>	<b>82%</b>	<b>83%</b>	<b>85%</b>	<b>86%</b>	<b>87%</b>	
No. of Households Electrified (On-Grid)	12,715	13,268	13,819	14,365	14,910	15,455	15,996	16,536	17,079	17,620	
No. of Households Electrified (Off-Grid)											
<b>Total</b>	<b>12,715</b>	<b>13,268</b>	<b>13,819</b>	<b>14,365</b>	<b>14,910</b>	<b>15,455</b>	<b>15,996</b>	<b>16,536</b>	<b>17,079</b>	<b>17,620</b>	

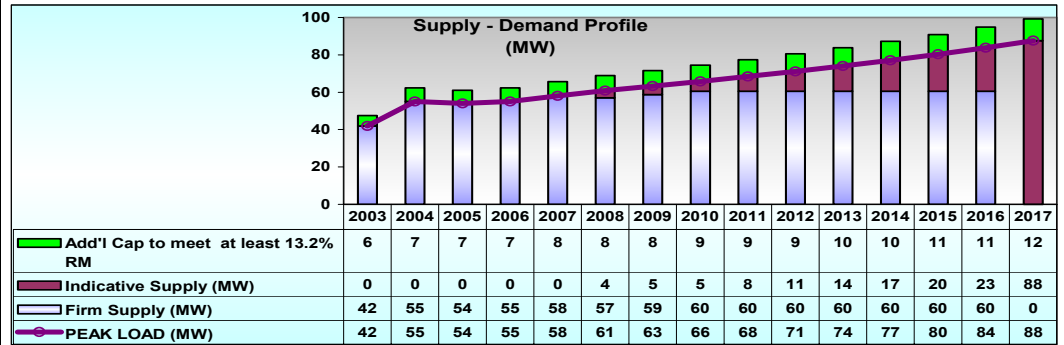
Franchise Coverage:

5 Municipalities (Catarmán, Guinsilibán, Mahinog, Mambajao, and Sagay)

**REGION 11  
ELECTRIC COOPERATIVES**

## Davao del Norte Electric Cooperative, Inc. (DANECO)

General Information	
Location	Montevista, Comval
Contact Person	Edgardo D. Savellano, CPA, MPA
Position	General Manager
Tel. No:	(084) 822-0421 / (084) 400-1129
Fax No:	(084) 400-1129
E-mail Address	daneco_coop@yahoo.com
Coverage Area	6,622 sq.km.
No. of barangays	374
Franchise Population	
SUPPLY HIGHLIGHTS	
<p>The following will be prioritized by DANECO: upgrading of M11-Asuncion S/S from 5 MVA to 10 MVA in 2008; acquisition of 69 kv Transco line in 2009; and conversion of Samal submarine cable from V phase to 3 phase connection in 2008. Contracted Energy from NPC will expire by 2009,</p>	



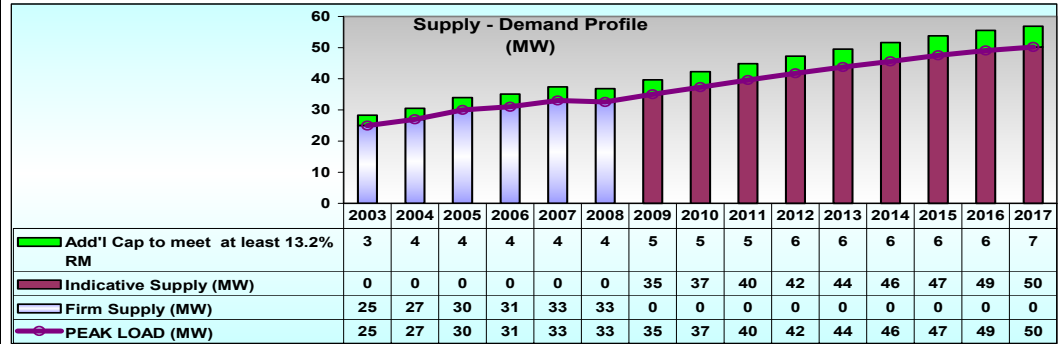
No. of Customers	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	AAGR
Residential	95,363	98,223	101,232	104,320	107,469	110,694	114,015	117,436	120,959	124,588	3%
Commercial	8,775	8,982	9,194	9,412	9,636	9,867	10,104	10,347	10,598	10,856	2%
Industrial	564	581	599	617	635	654	674	694	715	736	3%
Others	7,796	7,800	7,805	7,809	7,814	7,819	7,824	7,829	7,834	7,839	0.3%
<b>Total</b>	<b>112,498</b>	<b>115,587</b>	<b>118,830</b>	<b>122,158</b>	<b>125,555</b>	<b>129,034</b>	<b>132,616</b>	<b>136,306</b>	<b>140,106</b>	<b>144,019</b>	<b>3%</b>
Energy Sales per Customer Type (MWh)	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	AAGR
Residential	122,420	129,255	136,501	144,187	152,338	160,984	170,157	179,892	190,225	201,193	6%
Commercial	44,083	46,370	48,785	51,337	54,033	56,881	59,891	63,073	66,435	69,989	5%
Industrial	68,130	70,497	72,956	75,509	78,161	80,916	83,778	86,753	89,846	93,061	4%
Others	33,953	34,633	35,327	36,035	36,756	37,493	38,244	39,010	39,792	40,589	3%
<b>Total</b>	<b>268,585</b>	<b>280,755</b>	<b>293,569</b>	<b>307,068</b>	<b>321,289</b>	<b>336,274</b>	<b>352,071</b>	<b>368,728</b>	<b>386,297</b>	<b>404,832</b>	<b>5%</b>
Projected Infrastructure Requirements	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	TOTAL
Distribution/Sub-transmission Facilities	63	14	49	30	29	33	10	19	15	6	269
Expansion(ckt-km)			3	1	1	13	1	4			22
Rehabilitation(ckt-km)	63	14	46	30	28	20	10	15	15	6	247
Substation Capacity (MVA)	20				20			10			50
Reactive Power Compensation Plan (MVAr)											
Capital Investment Requirements(in Million PhP)	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	TOTAL
Distribution/Sub-transmission Facilities	69	66	80	69	65	62	50	54	49	44	607
Expansion			5	2	2	24	2	11			46
Rehabilitation	69	66	75	68	63	38	47	43	49	44	561
Substation Projects	45	30	24		25		18	20			162
Electrification Projects	48	26	26	33	21	33	21	20	24	36	287
<b>Total</b>	<b>162</b>	<b>122</b>	<b>130</b>	<b>102</b>	<b>110</b>	<b>95</b>	<b>89</b>	<b>94</b>	<b>73</b>	<b>80</b>	<b>1,056</b>
Level of Electrification	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	
<b>Barangay Level (%)</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	
No of Barangays Electrified (On-Grid)	373	373	373	373	373	373	373	373	373	373	
No. of Barangays Electrified (Off-Grid)	1	1	1	1	1	1	1	1	1	1	
<b>Total</b>	<b>374</b>	<b>374</b>	<b>374</b>	<b>374</b>	<b>374</b>	<b>374</b>	<b>374</b>	<b>374</b>	<b>374</b>	<b>374</b>	
<b>Household Level (%)</b>	<b>37%</b>	<b>38%</b>	<b>38%</b>	<b>39%</b>	<b>39%</b>	<b>39%</b>	<b>40%</b>	<b>40%</b>	<b>41%</b>	<b>41%</b>	
No. of Households Electrified (On-Grid)	95,363	98,223	101,170	104,205	107,331	110,551	113,868	117,284	120,802	124,426	
No. of Households Electrified (Off-Grid)											
<b>Total</b>	<b>95,363</b>	<b>98,223</b>	<b>101,170</b>	<b>104,205</b>	<b>107,331</b>	<b>110,551</b>	<b>113,868</b>	<b>117,284</b>	<b>120,802</b>	<b>124,426</b>	

Franchise Coverage:

Covers 2 provinces (Davao Del Norte and Compostela Province) with 15 municipalities and 2 cities namely: Asuncion, Kapalong, New Corella, Samal City, Tagum City, Talaingod, Compostela, Laak, Mabini, Maco, Maragusan, Mawab, Monkayo, Montevista, Nabunturan, New Bataan, and Pantukan.

## Davao Del Sur Electric Cooperative, Inc. (DASURECO)

General Information	
Location	Brgy. Cocon, Digos City
Contact Person	Jesus P. Dela Victoria
Position	General Manager
Tel. No:	(082) 553-3589
Fax No:	(082) 553-3589
E-mail Address	dasureco@yahoo.com
Coverage Area	
No. of barangays	337
Franchise Population	
SUPPLY HIGHLIGHTS	
Contract will expire on 2008, negotiation is on-going. DASURECO intends to acquire 28 km of 69 kV from TRANSCO in CY 2008 for Davao-Digos-Malita, Matanao-Digos, Matanao-Km 71.	



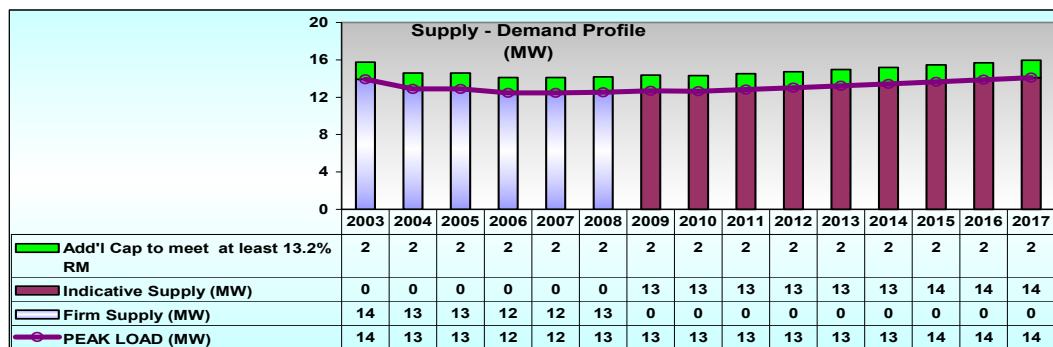
No. of Customers	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	AAGR
Residential	71,839	74,711	77,697	80,804	84,034	87,394	90,888	94,414	97,175	99,021	4%
Commercial	5,078	5,250	5,422	5,591	5,754	5,908	6,050	6,175	6,281	6,365	3%
Industrial	305	319	333	345	357	368	378	387	394	401	3%
Others	5,231	5,154	5,154	5,154	5,154	5,154	5,154	5,154	5,154	5,154	0%
<b>Total</b>	<b>82,453</b>	<b>85,433</b>	<b>88,605</b>	<b>91,894</b>	<b>95,299</b>	<b>98,824</b>	<b>102,469</b>	<b>106,129</b>	<b>109,004</b>	<b>110,941</b>	<b>3%</b>
Energy Sales per Customer Type (MWh)	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	AAGR
Residential	65,998	72,581	79,310	85,897	92,399	98,800	105,099	112,460	118,937	124,174	8%
Commercial	15,200	16,728	18,305	19,891	21,436	22,911	24,259	25,453	26,434	27,273	7%
Industrial	42,152	46,053	49,894	53,640	57,256	60,708	63,961	66,984	69,745	72,214	7%
Others	21,066	22,809	24,162	25,932	27,577	29,319	30,997	32,635	34,158	35,535	6%
<b>Total</b>	<b>144,417</b>	<b>158,171</b>	<b>171,671</b>	<b>185,360</b>	<b>198,668</b>	<b>211,738</b>	<b>224,316</b>	<b>237,532</b>	<b>249,274</b>	<b>259,196</b>	<b>7%</b>
Projected Infrastructure Requirements	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	TOTAL
Distribution/Sub-transmission Facilities	161	40	26	34	14	12	14	16	4	3	325
Expansion(ckt-km)											
Rehabilitation(ckt-km)	161	40	26	34	14	12	14	16	4	3	325
Substation Capacity (MVA)											
Reactive Power Compensation Plan (MVAr)											
Capital Investment Requirements(in Million PhP)	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	TOTAL
Distribution/Sub-transmission Facilities	75	49	56	47	8	7	9	9	3	2	264
Expansion											
Rehabilitation	75	49	56	47	8	7	9	9	3	2	264
Substation Projects											
Electrification Projects	17	11	11	12	18	13	43	13	10	7	154
<b>Total</b>	<b>92</b>	<b>60</b>	<b>68</b>	<b>59</b>	<b>26</b>	<b>19</b>	<b>52</b>	<b>22</b>	<b>12</b>	<b>9</b>	<b>418</b>
Level of Electrification	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	
<b>Barangay Level (%)</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	
No. of Barangays Electrified (On-Grid)	291	291	291	291	291	291	291	291	291	291	
No. of Barangays Electrified (Off-Grid)	46	46	46	46	46	46	46	46	46	46	
<b>Total</b>	<b>337</b>	<b>337</b>	<b>337</b>	<b>337</b>	<b>337</b>	<b>337</b>	<b>337</b>	<b>337</b>	<b>337</b>	<b>337</b>	
<b>Household Level (%)</b>	<b>45%</b>	<b>46%</b>	<b>47%</b>	<b>48%</b>	<b>49%</b>	<b>50%</b>	<b>51%</b>	<b>53%</b>	<b>53%</b>	<b>53%</b>	
No. of Households Electrified (On-Grid)	71,779	74,650	77,636	80,741	83,971	87,330	90,823	94,348	97,108	98,954	
No. of Households Electrified (Off-Grid)											
<b>Total</b>	<b>71,779</b>	<b>74,650</b>	<b>77,636</b>	<b>80,741</b>	<b>83,971</b>	<b>87,330</b>	<b>90,823</b>	<b>94,348</b>	<b>97,108</b>	<b>98,954</b>	

Franchise Coverage:

Consists of 15 municipalities namely: Bansalan, Digos City, Don Marcelino, Hagonoy, J.A. Santos, Kiblawan, Magsaysay, Malalag, Malita, Matanao, Padada, Saranggani, Sta. Cruz, Sta. Maria, and Sulop.

## Davao Oriental Electric Cooperative, Inc. (DORECO)

General Information	
Location	Nat'l Highway, Madang, Mati City, Davao Oriental
Contact Person	Engr. Gregory A. Dukil
Position	General Manager
Tel. No:	(087) 388-3112
Fax No:	(087) 388-3112
E-mail Address	
Coverage Area	
No. of barangays	183
Franchise Population	
SUPPLY HIGHLIGHTS	
Existing distribution line will be upgraded to meet the growing demand thus improving service reliability. DORECO's Transition Supply Contract (TSC) will expire on year 2008.	



No. of Customers	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	AAGR
Residential	45,823	46,511	47,208	47,916	48,635	49,365	50,105	50,857	51,365	51,879	1%
Commercial	5,992	6,052	6,113	6,174	6,236	6,298	6,361	6,425	6,489	6,554	1%
Industrial	118	119	121	122	123	124	125	127	128	129	1%
Others	4,224	4,225	4,227	4,229	4,231	4,232	4,234	4,236	4,238	4,240	0.2%
<b>Total</b>	<b>56,158</b>	<b>56,908</b>	<b>57,669</b>	<b>58,441</b>	<b>59,224</b>	<b>60,019</b>	<b>60,826</b>	<b>61,644</b>	<b>62,220</b>	<b>62,802</b>	<b>1%</b>
Energy Sales per Customer Type (MWh)	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	AAGR
Residential	27,506	27,970	28,465	28,991	29,551	30,146	30,777	31,446	32,054	32,713	2%
Commercial	11,439	11,554	11,682	11,824	11,979	12,149	12,333	12,519	12,709	12,902	1%
Industrial	13,599	13,749	13,914	14,082	14,251	14,423	14,596	14,772	14,950	15,130	1%
Others	5,265	5,284	5,304	5,324	5,342	5,359	5,377	5,394	5,410	5,427	0%
<b>Total</b>	<b>57,809</b>	<b>58,557</b>	<b>59,365</b>	<b>60,221</b>	<b>61,124</b>	<b>62,077</b>	<b>63,083</b>	<b>64,131</b>	<b>65,124</b>	<b>66,171</b>	<b>1%</b>
Projected Infrastructure Requirements	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	TOTAL
Distribution/Sub-transmission Facilities	21	13	14	11	11	10	13				93
<i>Expansion(ckt-km)</i>											
<i>Rehabilitation(ckt-km)</i>	21	13	14	11	11	10	13				93
Substation Capacity (MVA)											
Reactive Power Compensation Plan (MVAr)											
Capital Investment Requirements(in Million PhP)	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	TOTAL
Distribution/Sub-transmission Facilities	9	13	13	8	8	8	8	8	8	8	94
<i>Expansion</i>											
<i>Rehabilitation</i>	9	13	13	8	8	8	8	8	8	8	94
Substation Projects											
Electrification Projects	6	4	6	4	5	4	5	4	4	3	45
<b>Total</b>	<b>15</b>	<b>17</b>	<b>19</b>	<b>12</b>	<b>13</b>	<b>12</b>	<b>13</b>	<b>12</b>	<b>13</b>	<b>12</b>	<b>140</b>
Level of Electrification	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	
<b>Barangay Level (%)</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	
No of Barangays Electrified (On-Grid)	183	183	183	183	183	183	183	183	183	183	
No. of Barangays Electrified (Off-Grid)											
<b>Total</b>	<b>183</b>	<b>183</b>	<b>183</b>	<b>183</b>	<b>183</b>	<b>183</b>	<b>183</b>	<b>183</b>	<b>183</b>	<b>183</b>	
<b>Household Level (%)</b>	<b>48%</b>	<b>48%</b>	<b>48%</b>	<b>49%</b>	<b>49%</b>	<b>49%</b>	<b>49%</b>	<b>49%</b>	<b>49%</b>	<b>49%</b>	
No. of Households Electrified (On-Grid)	45,823	46,511	47,208	47,916	48,635	49,365	50,105	50,857	51,365	51,879	
No. of Households Electrified (Off-Grid)											
<b>Total</b>	<b>45,823</b>	<b>46,511</b>	<b>47,208</b>	<b>47,916</b>	<b>48,635</b>	<b>49,365</b>	<b>50,105</b>	<b>50,857</b>	<b>51,365</b>	<b>51,879</b>	

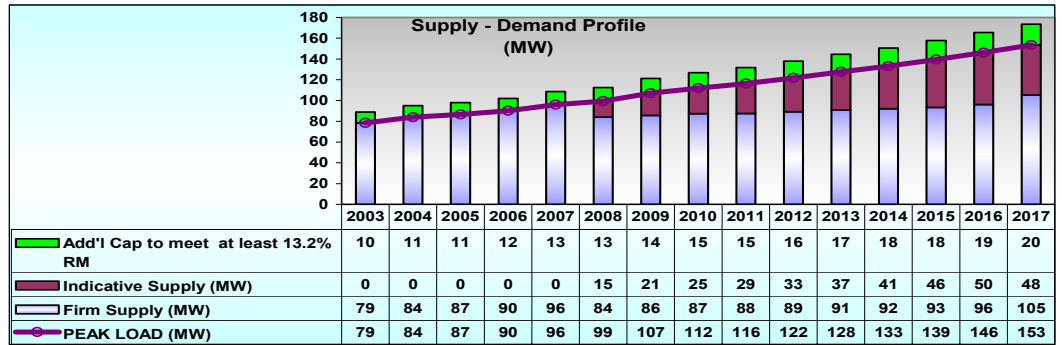
Franchise Coverage:

Covers 10 Municipalities namely; Mati, Lupon, Banaybanay, San Isidro, Gov. Generoso, Tarragona, Manay, Caraga, Baganga, and Cateel.

**REGION 12  
ELECTRIC COOPERATIVES**

## South Cotabato II Electric Cooperative Inc. (SOCOTECO II)

General Information	
Location	Jose Catholica Ave. Laqao, General Santos City
Contact Person	Engr. Crisanto C. Sotelo
Position	TSD Manager
Tel. No:	(083) 553-5848
Fax No:	(083) 552-4856
E-mail Address	0
Coverage Area	4,821.56 sq.km.
No. of barangays	204
Franchise Population	
SUPPLY HIGHLIGHTS	
A 5 MVA substation will be commissioned in Tupi and a 10 MVA substation in Ligaya.in CY 2008; 10 MVA substation for CY 2009 and 5 MVA substation for CY 2010. SOCOTECO II is expecting 100% barangay energization in CY 2009.	



No. of Customers	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	AAGR
Residential	104,566	108,269	112,262	115,933	119,705	123,580	127,562	131,653	135,858	140,179	3%
Commercial	6,160	6,530	6,921	7,337	7,777	8,243	8,738	9,262	9,818	10,407	6%
Industrial	189	196	203	210	217	225	233	241	249	258	4%
Others	7,561	7,598	7,636	7,676	7,720	7,768	7,819	7,874	7,933	7,997	1%
<b>Total</b>	<b>118,477</b>	<b>122,592</b>	<b>127,022</b>	<b>131,156</b>	<b>135,419</b>	<b>139,816</b>	<b>144,351</b>	<b>149,030</b>	<b>153,858</b>	<b>158,841</b>	<b>3%</b>
Energy Sales per Customer Type (MWh)	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	AAGR
Residential	187,559	196,502	206,251	215,470	225,420	235,808	246,657	257,978	269,808	282,171	5%
Commercial	105,268	112,481	120,583	129,667	139,836	150,760	162,529	175,211	188,876	203,599	7%
Industrial	131,139	135,464	140,201	145,377	151,019	157,156	163,818	171,037	178,572	186,435	4%
Others	62,278	79,613	80,809	82,057	83,368	84,748	85,237	85,733	86,238	86,754	4%
<b>Total</b>	<b>486,244</b>	<b>524,059</b>	<b>547,844</b>	<b>572,571</b>	<b>599,643</b>	<b>628,471</b>	<b>658,241</b>	<b>689,960</b>	<b>723,493</b>	<b>758,958</b>	<b>5%</b>
Projected Infrastructure Requirements	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	TOTAL
Distribution/Sub-transmission Facilities	73	113	31	3	1	7	1	5	4	2	240
<i>Expansion(ckt-km)</i>	63	105	26								195
<i>Rehabilitation(ckt-km)</i>	10	8	5	3	1	7	1	5	4	2	45
Substation Capacity (MVA)	10	10									20
Reactive Power Compensation Plan (MVAr)											
Capital Investment Requirements(in Million PhP)	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	TOTAL
Distribution/Sub-transmission Facilities	139	124	100	65	67	73	74	80	83	86	891
<i>Expansion</i>	121	116	83								320
<i>Rehabilitation</i>	19	8	16	65	67	73	74	80	83	86	571
Substation Projects	23	13	10	45							90
Electrification Projects	52	73	54	45	49	53	54	58	61	65	565
<b>Total</b>	<b>214</b>	<b>210</b>	<b>164</b>	<b>155</b>	<b>116</b>	<b>126</b>	<b>128</b>	<b>138</b>	<b>144</b>	<b>151</b>	<b>1,546</b>
Level of Electrification	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	
<b>Barangay Level (%)</b>	<b>96%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	
No of Barangays Electrified (On-Grid)	196	204	204	204	204	204	204	204	204	204	
No. of Barangays Electrified (Off-Grid)											
<b>Total</b>	<b>196</b>	<b>204</b>	<b>204</b>	<b>204</b>	<b>204</b>	<b>204</b>	<b>204</b>	<b>204</b>	<b>204</b>	<b>204</b>	
<b>Household Level (%)</b>	<b>80%</b>	<b>80%</b>	<b>81%</b>	<b>81%</b>	<b>81%</b>	<b>82%</b>	<b>82%</b>	<b>82%</b>	<b>82%</b>	<b>83%</b>	
No. of Households Electrified (On-Grid)	104,414	107,964	111,635	114,984	118,433	121,986	125,646	129,415	133,298	137,297	
No. of Households Electrified (Off-Grid)											
<b>Total</b>	<b>104,414</b>	<b>107,964</b>	<b>111,635</b>	<b>114,984</b>	<b>118,433</b>	<b>121,986</b>	<b>125,646</b>	<b>129,415</b>	<b>133,298</b>	<b>137,297</b>	

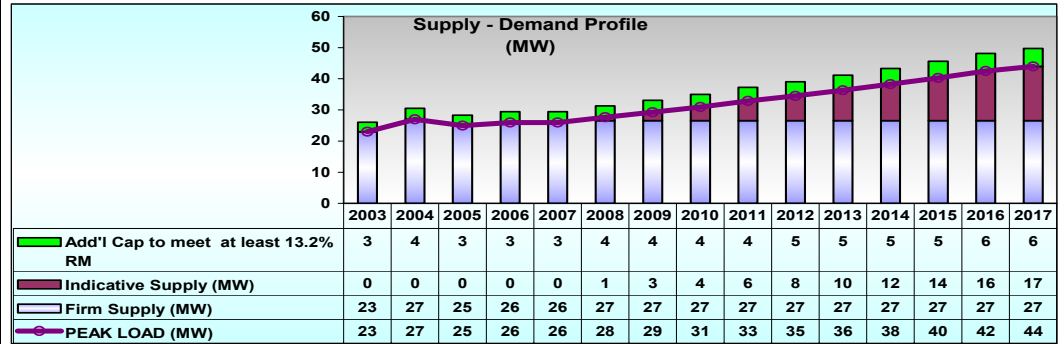
Franchise Coverage:

Covers the municipalities of General Santos City, Polomolok, Tupi, Alabel, Glan, Malapatan, Malungon, Maasi, Kiamba, and Maitum.



## South Cotabato Electric Cooperative, Inc. (SOCOTECO I)

General Information	
Location	Matulas, City of Koronadal, South Cotabato
Contact Person	Santiago C. Tudio
Position	General Manager
Tel. No:	(083) 228-3499
Fax No:	(083) 2283-690
E-mail Address	info@socoteco-1.com
Coverage Area	3,784.68 sq.km.
No. of barangays	174
Franchise Population	
SUPPLY HIGHLIGHTS	
Proposed additional substation capacity is due to increase in demand.	



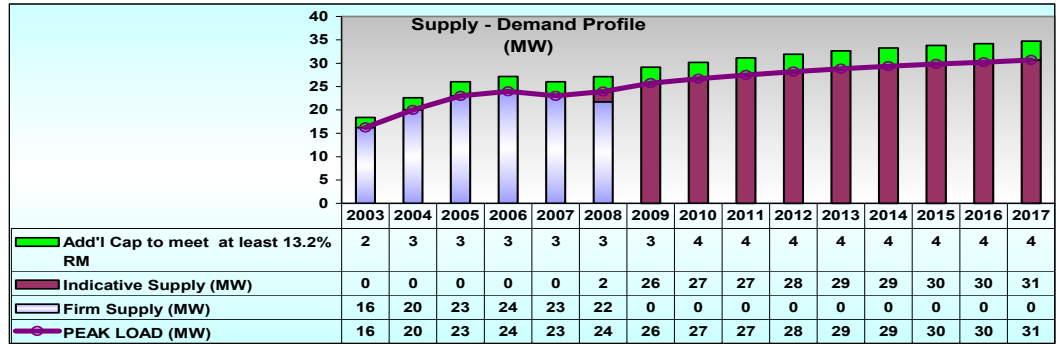
No. of Customers	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	AAGR
Residential	56,571	59,399	62,369	65,488	68,107	70,832	73,665	76,611	79,676	82,863	4%
Commercial	5,565	5,621	5,677	5,734	5,791	5,849	5,907	5,967	6,026	6,086	1%
Industrial	148	151	154	157	160	163	167	170	173	177	2%
Others	2,288	2,290	2,293	2,296	2,299	2,302	2,305	2,309	2,312	2,316	0.4%
<b>Total</b>	<b>64,572</b>	<b>67,461</b>	<b>70,493</b>	<b>73,675</b>	<b>76,357</b>	<b>79,146</b>	<b>82,044</b>	<b>85,057</b>	<b>88,187</b>	<b>91,442</b>	<b>4%</b>
Energy Sales per Customer Type (MWh)	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	AAGR
Residential	65,115	69,456	73,833	79,499	85,053	91,035	97,492	104,470	112,016	120,179	7%
Commercial	45,123	48,451	52,314	56,491	59,297	62,248	65,353	68,627	72,079	72,808	6%
Industrial	11,787	12,689	13,251	14,063	14,924	16,143	17,462	18,888	20,430	20,847	6%
Others	8,670	8,878	9,342	9,565	9,793	10,029	10,273	10,525	10,783	10,814	3%
<b>Total</b>	<b>130,695</b>	<b>139,474</b>	<b>148,740</b>	<b>159,618</b>	<b>169,067</b>	<b>179,455</b>	<b>190,580</b>	<b>202,510</b>	<b>215,308</b>	<b>224,648</b>	<b>6%</b>
Projected Infrastructure Requirements	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	TOTAL
Distribution/Sub-transmission Facilities	6	5	4	3	3	3	3	3	3	7	41
<i>Expansion(ckt-km)</i>											
<i>Rehabilitation(ckt-km)</i>	6	5	4	3	3	3	3	3	3	7	41
Substation Capacity (MVA)					10				10		20
Reactive Power Compensation Plan (MVAr)	1	1	2	1	2	2	3	2	3		17
Capital Investment Requirements(in Million PhP)	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	TOTAL
Distribution/Sub-transmission Facilities	32	28	28	28	29	28	29	29	28	31	291
<i>Expansion</i>											
<i>Rehabilitation</i>	32	28	28	28	29	28	29	29	28	31	291
Substation Projects					24				24		48
Electrification Projects	8	7	7	8	7	7	7	7	8	8	73
<b>Total</b>	<b>40</b>	<b>35</b>	<b>35</b>	<b>36</b>	<b>59</b>	<b>35</b>	<b>36</b>	<b>60</b>	<b>36</b>	<b>39</b>	<b>412</b>
Level of Electrification	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	
<b>Barangay Level (%)</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	
No. of Barangays Electrified (On-Grid)	159	159	159	159	159	159	159	159	159	159	
No. of Barangays Electrified (Off-Grid)	15	15	15	15	15	15	15	15	15	15	
<b>Total</b>	<b>174</b>	<b>174</b>	<b>174</b>	<b>174</b>	<b>174</b>	<b>174</b>	<b>174</b>	<b>174</b>	<b>174</b>	<b>174</b>	
<b>Household Level (%)</b>											
No. of Households Electrified (On-Grid)	56,571	59,399	62,369	65,488	68,107	70,832	73,665	76,611	79,676	82,863	
No. of Households Electrified (Off-Grid)											
<b>Total</b>	<b>56,571</b>	<b>59,399</b>	<b>62,369</b>	<b>65,488</b>	<b>68,107</b>	<b>70,832</b>	<b>73,665</b>	<b>76,611</b>	<b>79,676</b>	<b>82,863</b>	

Franchise Coverage:

(Lutayan, Tampakan, Banga, Lake Sebu, Norala, Sto. Nino, Surallah, Tantangan, and T'boli)

## Cotabato Electric Cooperative, Inc. (COTELCO)

General Information	
Location	Manubuan, Matalam
Contact Person	Alejandro O. Collados
Position	General Manager
Tel. No:	(064) 392-1032
Fax No:	(064) 392-1032
E-mail Address	www.cotelconet.com
Coverage Area	
No. of barangays	348
Franchise Population	
SUPPLY HIGHLIGHTS	
Supply from NPC to COTELCO will expire on year 2008. There's a need to relocate the 10 MVA substation on year 2009 from Manubuan, Matalam to Kabacan and on year 2010 another 10 MVA substation will be relocated from Paco to Antipas.	



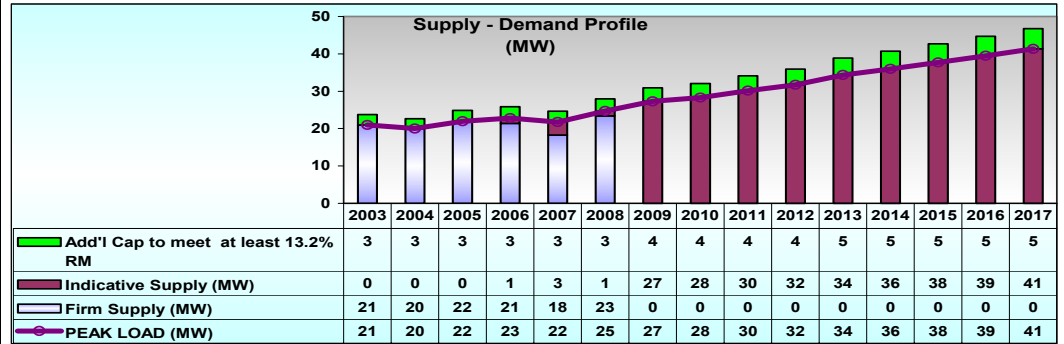
No. of Customers	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	AAGR
Residential	63,414	65,782	67,666	69,365	70,956	72,088	72,858	73,564	74,278	74,999	2%
Commercial	8,047	8,312	8,532	8,711	8,857	9,032	9,211	9,329	9,421	9,515	2%
Industrial	275	284	292	297	303	309	314	318	321	325	2%
Others	6,898	6,954	6,970	7,007	7,006	6,960	6,940	6,818	6,767	6,771	0.4%
<b>Total</b>	<b>78,634</b>	<b>81,332</b>	<b>83,459</b>	<b>85,380</b>	<b>87,123</b>	<b>88,390</b>	<b>89,323</b>	<b>90,030</b>	<b>90,788</b>	<b>91,609</b>	<b>2%</b>
Energy Sales per Customer Type (MWh)	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	AAGR
Residential	52,157	54,613	56,832	58,904	60,663	62,308	63,786	65,059	66,233	67,432	3%
Commercial	26,589	27,826	28,959	30,032	30,916	31,722	32,554	33,209	33,796	34,398	3%
Industrial	21,977	23,131	24,179	25,109	25,973	26,734	27,415	28,034	28,586	29,148	4%
Others	12,591	13,129	13,627	14,150	14,582	15,036	15,401	15,879	16,149	16,717	4%
<b>Total</b>	<b>113,313</b>	<b>118,699</b>	<b>123,596</b>	<b>128,196</b>	<b>132,134</b>	<b>135,800</b>	<b>139,155</b>	<b>142,182</b>	<b>144,764</b>	<b>147,696</b>	<b>3%</b>
Projected Infrastructure Requirements	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	TOTAL
Distribution/Sub-transmission Facilities	87	38	31								157
Expansion(ckt-km)	83	38	30								152
Rehabilitation(ckt-km)	4		1								5
Substation Capacity (MVA)											
Reactive Power Compensation Plan (MVAr)											
Capital Investment Requirements(in Million PhP)	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	TOTAL
Distribution/Sub-transmission Facilities	130	101	123	33	33	33	33	33	33	33	585
Expansion	124	100	120								344
Rehabilitation	6	1	3	33	33	33	33	33	33	33	241
Substation Projects		5	5								10
Electrification Projects	64	9	7	6	7	6	6	5	7	5	123
<b>Total</b>	<b>193</b>	<b>115</b>	<b>136</b>	<b>39</b>	<b>40</b>	<b>39</b>	<b>39</b>	<b>38</b>	<b>40</b>	<b>38</b>	<b>718</b>
Level of Electrification	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	
<b>Barangay Level (%)</b>	<b>97%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	
No. of Barangays Electrified (On-Grid)	336	348	348	348	348	348	348	348	348	348	
No. of Barangays Electrified (Off-Grid)											
<b>Total</b>	<b>336</b>	<b>348</b>	<b>348</b>	<b>348</b>	<b>348</b>	<b>348</b>	<b>348</b>	<b>348</b>	<b>348</b>	<b>348</b>	
<b>Household Level (%)</b>	<b>51%</b>	<b>52%</b>	<b>53%</b>	<b>54%</b>	<b>54%</b>	<b>55%</b>	<b>55%</b>	<b>55%</b>	<b>55%</b>	<b>56%</b>	
No. of Households Electrified (On-Grid)	62,874	64,823	66,334	67,660	68,878	69,911	70,681	71,387	72,101	72,822	
No. of Households Electrified (Off-Grid)											
<b>Total</b>	<b>62,874</b>	<b>64,823</b>	<b>66,334</b>	<b>67,660</b>	<b>68,878</b>	<b>69,911</b>	<b>70,681</b>	<b>71,387</b>	<b>72,101</b>	<b>72,822</b>	

Franchise Coverage:

Covers 11 Municipalities and 1 City namely: Makilala, Magpet, Mlang, Tulunan, Pres. Roxas, Antipas, Arakan, Matalam, Kabacan, Carmen, Banisilan, and the City of Kidapawan.

## Sultan Kudarat Electric Cooperative, Inc. (SUKELCO)

General Information	
Location	Tacurong City
Contact Person	Demetrio O. Jerez, PEE
Position	General Manager
Tel. No:	064-200-3155 / 064-477-0327
Fax No:	064-200-3156
E-mail Address	sukelco@greendot.com.ph
Coverage Area	
No. of barangays	307
Franchise Population	
SUPPLY HIGHLIGHTS	
The TSC contract will expire on August 5, 2008.	



No. of Customers	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	AAGR
Residential	45,589	47,099	48,590	50,118	51,683	53,287	54,930	56,615	58,253	59,837	3%
Commercial	3,324	3,435	3,548	3,664	3,783	3,905	4,022	4,140	4,262	4,388	3%
Industrial	180	184	187	189	191	192	192	193	192	192	1%
Others	2,420	2,445	2,466	2,490	2,476	2,500	2,519	2,512	2,524	2,536	1%
<b>Total</b>	<b>51,512</b>	<b>53,162</b>	<b>54,790</b>	<b>56,460</b>	<b>58,133</b>	<b>59,885</b>	<b>61,664</b>	<b>63,460</b>	<b>65,232</b>	<b>66,952</b>	<b>3%</b>
Energy Sales per Customer Type (MWh)	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	AAGR
Residential	50,888	53,764	57,133	61,062	65,522	70,540	76,026	82,008	88,488	95,500	7%
Commercial	11,353	11,929	12,533	13,168	13,835	14,535	15,268	16,038	16,847	17,697	5%
Industrial	30,489	32,044	33,664	35,365	37,149	39,022	40,973	43,024	45,177	47,437	5%
Others	3,632	9,841	10,584	12,558	13,185	17,356	17,596	17,843	18,105	18,382	25%
<b>Total</b>	<b>96,361</b>	<b>107,578</b>	<b>113,914</b>	<b>122,153</b>	<b>129,690</b>	<b>141,453</b>	<b>149,864</b>	<b>158,912</b>	<b>168,616</b>	<b>179,017</b>	<b>7%</b>
Projected Infrastructure Requirements	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	TOTAL
Distribution/Sub-transmission Facilities	49	38	3	28	16						134
<i>Expansion(ckt-km)</i>	38	28		18							84
<i>Rehabilitation(ckt-km)</i>	10	10	3	11	16						50
Substation Capacity (MVA)				5				10			15
Reactive Power Compensation Plan (MVAr)											
Capital Investment Requirements(in Million PhP)	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	TOTAL
Distribution/Sub-transmission Facilities	68	50	16	63	20	13	11	11	12	12	276
<i>Expansion</i>	54	36	0	39							129
<i>Rehabilitation</i>	14	13	16	24	20	13	11	11	12	12	147
Substation Projects		2		18				24			44
Electrification Projects	17	3	4	4	5	4	5	5	5	5	59
<b>Total</b>	<b>85</b>	<b>55</b>	<b>20</b>	<b>85</b>	<b>25</b>	<b>17</b>	<b>16</b>	<b>40</b>	<b>17</b>	<b>17</b>	<b>378</b>
Level of Electrification	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	
<b>Barangay Level (%)</b>	<b>94%</b>	<b>94%</b>	<b>94%</b>	<b>94%</b>	<b>94%</b>	<b>94%</b>	<b>94%</b>	<b>94%</b>	<b>94%</b>	<b>94%</b>	
No of Barangays Electrified (On-Grid)	210	210	210	210	210	210	210	210	210	210	
No. of Barangays Electrified (Off-Grid)	80	80	80	80	80	80	80	80	80	80	
<b>Total</b>	<b>290</b>	<b>290</b>	<b>290</b>	<b>290</b>	<b>290</b>	<b>290</b>	<b>290</b>	<b>290</b>	<b>290</b>	<b>290</b>	
<b>Household Level (%)</b>	<b>29%</b>	<b>29%</b>	<b>30%</b>	<b>30%</b>	<b>30%</b>	<b>30%</b>	<b>30%</b>	<b>30%</b>	<b>31%</b>	<b>31%</b>	
No. of Households Electrified (On-Grid)	45,335	46,604	47,909	49,251	50,630	52,047	53,505	55,003	56,543	58,126	
No. of Households Electrified (Off-Grid)											
<b>Total</b>	<b>45,335</b>	<b>46,604</b>	<b>47,909</b>	<b>49,251</b>	<b>50,630</b>	<b>52,047</b>	<b>53,505</b>	<b>55,003</b>	<b>56,543</b>	<b>58,126</b>	

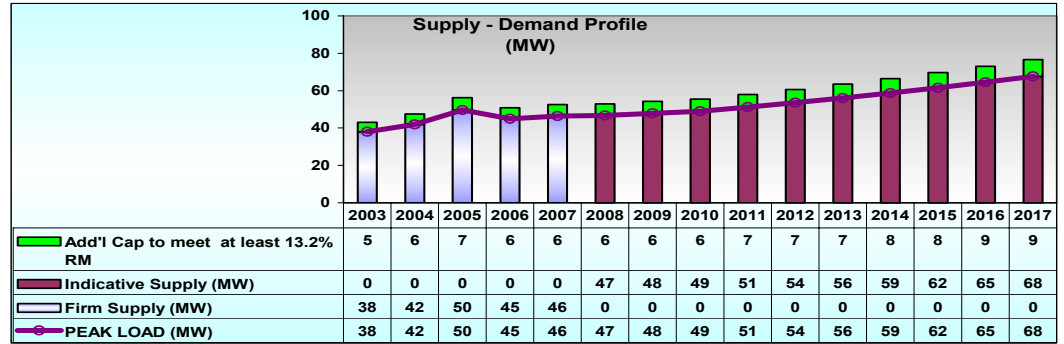
Franchise Coverage:

Covers the municipalities of Bagumbayan, Columbio, Esperanza, Isulan, Kalamansig, Lambayong, Lebak, Palimbang, President Quirino, /sen. Ninoy Aquino, Tacurong City, Buluan, Mangudadatu, Pandag, Datu Paglas, S.K. Pendatun, and Paglat.

**CARAGA  
ELECTRIC COOPERATIVES**

## Agusan del Norte Electric Cooperative, Inc. (ANECO)

General Information	
Location	Km. 2 J. C. Aquino Avenue, Butuan City
Contact Person	Horacio T. Santos
Position	General Manager
Tel. No:	(085) 341-7935/ (085) 341-5138
Fax No:	(085) 342-6000
E-mail Address	anecocentral@yahoo.com
Coverage Area	
No. of barangays	252
Franchise Population	
SUPPLY HIGHLIGHTS	
The current power contract with NPC is a three-year renewable contract. There is a provision in the contract to amend contract Demand and Energy in any calendar year.	



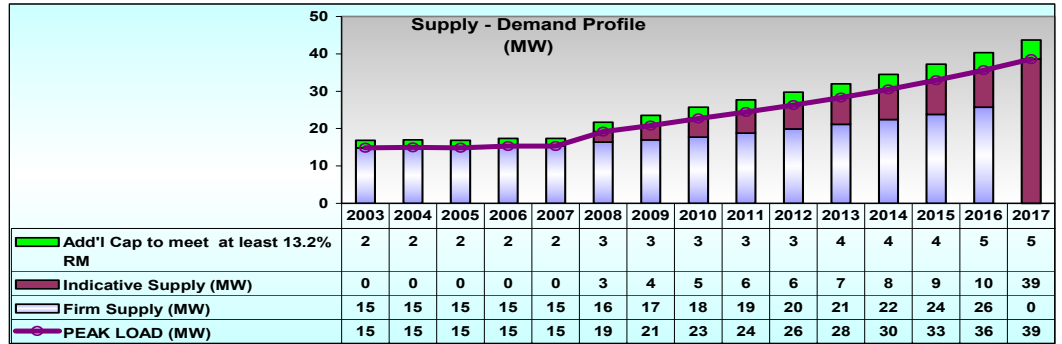
No. of Customers	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	AAGR
Residential	81,797	86,505	90,996	95,492	99,991	104,492	108,986	113,476	117,971	122,467	5%
Commercial	4,522	4,571	4,595	4,619	4,643	4,668	4,692	4,717	4,741	4,766	1%
Industrial	827	853	872	890	909	924	939	953	967	981	2%
Others	1,330	1,421	1,448	1,474	1,488	1,514	1,536	1,545	1,556	1,567	2%
<b>Total</b>	<b>88,476</b>	<b>93,351</b>	<b>97,911</b>	<b>102,476</b>	<b>107,032</b>	<b>111,598</b>	<b>116,153</b>	<b>120,691</b>	<b>125,235</b>	<b>129,781</b>	<b>4%</b>
Energy Sales per Customer Type (MWh)	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	AAGR
Residential	87,578	93,140	98,566	104,625	111,049	117,851	125,039	132,631	140,651	149,114	6%
Commercial	21,201	23,168	25,319	27,679	30,268	33,108	36,227	39,650	43,411	47,542	9%
Industrial	51,284	52,480	53,743	55,084	56,508	57,812	59,181	60,615	62,119	63,697	2%
Others	59,368	60,447	61,555	62,706	63,879	65,087	66,324	67,588	68,885	70,215	2%
<b>Total</b>	<b>219,432</b>	<b>229,236</b>	<b>239,182</b>	<b>250,095</b>	<b>261,703</b>	<b>273,858</b>	<b>286,771</b>	<b>300,484</b>	<b>315,066</b>	<b>330,568</b>	<b>5%</b>
Projected Infrastructure Requirements	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	TOTAL
Distribution/Sub-transmission Facilities	40	34	20	6							100
Expansion(ckt-km)	15	29		6							50
Rehabilitation(ckt-km)	25	5	20								50
Substation Capacity (MVA)	5		5	10		5					25
Reactive Power Compensation Plan (MVAr)											
Capital Investment Requirements(in Million PhP)	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	TOTAL
Distribution/Sub-transmission Facilities	69	93	61	66	58	46	46	46	46	46	575
Expansion	26	79		66							171
Rehabilitation	43	14	61		58	46	46	46	46	46	404
Substation Projects	18		18	24		18					78
Electrification Projects	37	24	26	27	21	23	21	20	20	20	239
<b>Total</b>	<b>123</b>	<b>117</b>	<b>105</b>	<b>117</b>	<b>78</b>	<b>87</b>	<b>67</b>	<b>66</b>	<b>66</b>	<b>66</b>	<b>892</b>
Level of Electrification	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	
<b>Barangay Level (%)</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	
No of Barangays Electrified (On-Grid)	250	250	250	250	250	250	250	250	250	250	
No. of Barangays Electrified (Off-Grid)	2	2	2	2	2	2	2	2	2	2	
<b>Total</b>	<b>252</b>	<b>252</b>	<b>252</b>	<b>252</b>	<b>252</b>	<b>252</b>	<b>252</b>	<b>252</b>	<b>252</b>	<b>252</b>	
<b>Household Level (%)</b>	<b>70%</b>	<b>73%</b>	<b>75%</b>	<b>78%</b>	<b>80%</b>	<b>82%</b>	<b>85%</b>	<b>87%</b>	<b>89%</b>	<b>91%</b>	
No. of Households Electrified (On-Grid)	81,631	86,104	90,573	95,047	99,524	104,003	108,475	112,944	117,417	121,891	
No. of Households Electrified (Off-Grid)											
<b>Total</b>	<b>81,631</b>	<b>86,104</b>	<b>90,573</b>	<b>95,047</b>	<b>99,524</b>	<b>104,003</b>	<b>108,475</b>	<b>112,944</b>	<b>117,417</b>	<b>121,891</b>	

Franchise Coverage:

1 City (Butuan) and 11 Municipalities (Las Nieves, Buenavista, Cabadbaran, Carmen, Jabonga, Kitcharao, Magallanes, Nasipit, R.T. Romualdez, Santiago, and Tubay)

## Surigao del Norte Electric Cooperative, Inc. (SURNECO)

General Information	
Location	Narciso corner Espina St., Surigao City
Contact Person	Engr. Danny Z. Escalante
Position	General Manager
Tel. No:	(086) 826-2148
Fax No:	(086) 826-2148
E-mail Address	
Coverage Area	
No. of barangays	203
Franchise Population	
SUPPLY HIGHLIGHTS	
Installation of 1 - 20 MVA S/S in Brgy. Luna, Surigao City to highlight system loss reduction and quality of supply improvement, resulting to power reliability and efficiency. SURNECO is supplied with power by NPC.	



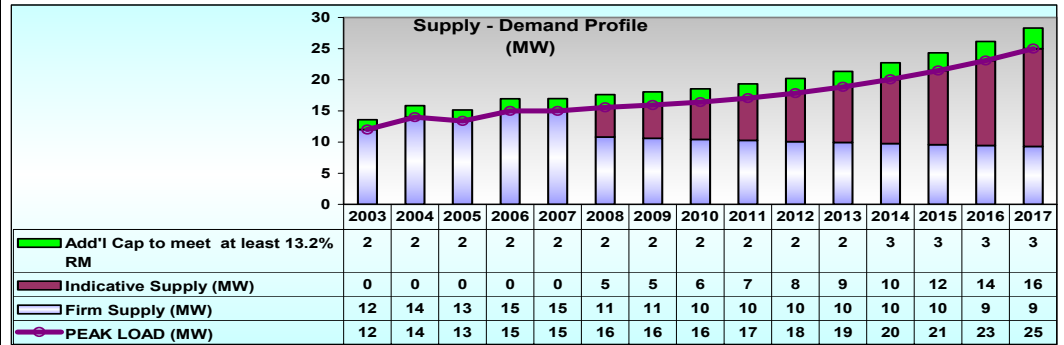
No. of Customers	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	AAGR
Residential	42,691	44,983	47,504	49,557	51,771	53,987	56,298	58,708	61,220	63,841	5%
Commercial	3,983	4,222	4,475	4,744	4,943	5,150	5,366	5,592	5,826	6,071	5%
Industrial	78	81	84	88	89	90	91	92	93	94	2%
Others	3,418	3,425	3,441	3,451	3,464	3,471	3,476	3,482	3,488	3,494	1%
<b>Total</b>	<b>50,170</b>	<b>52,712</b>	<b>55,505</b>	<b>57,839</b>	<b>60,267</b>	<b>62,698</b>	<b>65,231</b>	<b>67,873</b>	<b>70,627</b>	<b>73,500</b>	<b>4%</b>
Energy Sales per Customer Type (MWh)	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	AAGR
Residential	43,173	47,774	52,933	56,601	60,585	64,901	69,583	74,664	80,178	86,163	8%
Commercial	23,802	26,985	30,641	34,844	39,088	43,888	49,317	55,460	62,414	70,289	13%
Industrial	3,412	3,807	4,252	4,621	4,905	5,208	5,530	5,874	6,240	6,631	8%
Others	15,356	16,477	17,727	19,126	20,696	22,342	23,665	25,083	26,603	28,235	10%
<b>Total</b>	<b>85,744</b>	<b>95,043</b>	<b>105,553</b>	<b>115,191</b>	<b>125,275</b>	<b>136,339</b>	<b>148,095</b>	<b>161,081</b>	<b>175,437</b>	<b>191,318</b>	<b>10%</b>
Projected Infrastructure Requirements	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	TOTAL
Distribution/Sub-transmission Facilities	10	1	1	1	2	7	7				30
Expansion(ckt-km)											
Rehabilitation(ckt-km)	10	1	1	1	2	7	7				30
Substation Capacity (MVA)	20										20
Reactive Power Compensation Plan (MVAr)											
Capital Investment Requirements(in Million PhP)	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	TOTAL
Distribution/Sub-transmission Facilities	46	31	43	35	37	38	38	33	33	33	369
Expansion											
Rehabilitation	46	31	43	35	37	38	38	33	33	33	369
Substation Projects	32	4	4								39
Electrification Projects	12	11	13	15	11	11	12	12	12	12	122
<b>Total</b>	<b>90</b>	<b>45</b>	<b>60</b>	<b>50</b>	<b>48</b>	<b>49</b>	<b>50</b>	<b>45</b>	<b>45</b>	<b>46</b>	<b>530</b>
Level of Electrification	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	
<b>Barangay Level (%)</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	
No. of Barangays Electrified (On-Grid)	186	186	186	186	186	186	186	186	186	186	
No. of Barangays Electrified (Off-Grid)	17	17	17	17	17	17	17	17	17	17	
<b>Total</b>	<b>203</b>	<b>203</b>	<b>203</b>	<b>203</b>	<b>203</b>	<b>203</b>	<b>203</b>	<b>203</b>	<b>203</b>	<b>203</b>	
<b>Household Level (%)</b>	<b>66%</b>	<b>68%</b>	<b>70%</b>	<b>71%</b>	<b>72%</b>	<b>74%</b>	<b>75%</b>	<b>77%</b>	<b>79%</b>	<b>80%</b>	
No. of Households Electrified (On-Grid)	42,515	44,768	47,141	49,168	51,282	53,487	55,787	58,186	60,688	63,298	
No. of Households Electrified (Off-Grid)											
<b>Total</b>	<b>42,515</b>	<b>44,768</b>	<b>47,141</b>	<b>49,168</b>	<b>51,282</b>	<b>53,487</b>	<b>55,787</b>	<b>58,186</b>	<b>60,688</b>	<b>63,298</b>	

Franchise Coverage:

1 City (Surigao) and 11 Municipalities (Alegria, Bacuag, Claver, Gigaguait, Mainit, Malimono, Placer, San Francisco, Sison, Tagana-an, and Tubod)

## Agusan del Sur Electric Cooperative, Inc. (ASELCO)

General Information	
Location	San Isidro, San Francisco, Agusan del Sur
Contact Person	Ursulo E. Anuta
Position	General Manager
Tel. No:	(085) 839-2275 / 343-8456
Fax No:	(085) 839-2275
E-mail Address	aselco2000@yahoo.com
Coverage Area	
No. of barangays	314
Franchise Population	
SUPPLY HIGHLIGHTS	
<p>Priorities are the installation of 10 MVA Power Transformer in Bayugan and relocation of the 5 MVA Power Transformer from Bayugan to Talacogon, Agusan del Sur, which is projected to reduce the present system loss of the cooperative and improve the voltage in the four river towns in Agusan del Sur, considered to be the province's industrial zone.</p>	



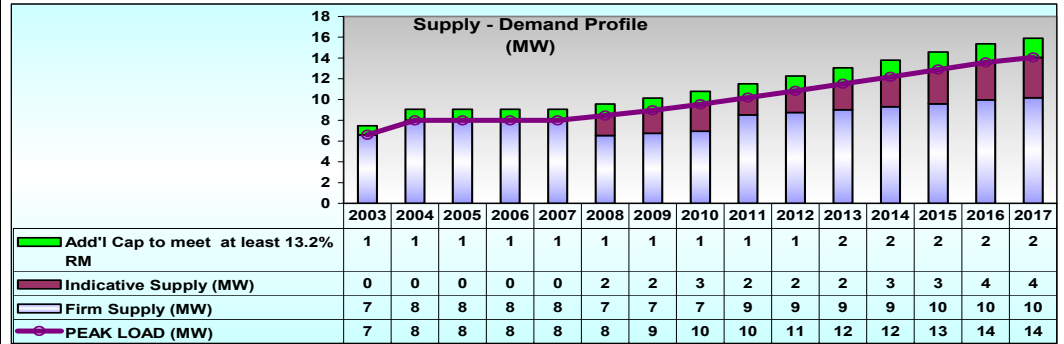
No. of Customers	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	AAGR
Residential	43,635	45,468	47,923	50,321	53,087	56,266	59,913	64,091	68,850	74,648	6%
Commercial	4,559	4,765	5,036	5,288	5,552	5,885	6,237	6,610	7,003	7,419	5%
Industrial	146	151	155	160	166	173	180	187	194	202	4%
Others	4,262	4,267	4,394	4,408	4,422	4,463	4,480	4,496	4,507	4,577	1%
<b>Total</b>	<b>52,603</b>	<b>54,650</b>	<b>57,508</b>	<b>60,177</b>	<b>63,227</b>	<b>66,787</b>	<b>70,809</b>	<b>75,384</b>	<b>80,555</b>	<b>86,847</b>	<b>6%</b>
Energy Sales per Customer Type (MWh)	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	AAGR
Residential	32,812	34,533	36,382	39,000	41,986	45,499	50,012	55,355	61,702	69,397	8%
Commercial	12,412	13,002	13,657	14,408	15,217	16,387	17,669	19,074	20,612	22,278	6%
Industrial	12,754	14,115	15,786	17,666	19,950	22,550	25,510	28,881	32,723	37,078	12%
Others	7,733	7,868	8,075	8,249	8,437	8,790	9,163	9,553	9,970	10,497	4%
<b>Total</b>	<b>65,711</b>	<b>69,517</b>	<b>73,899</b>	<b>79,323</b>	<b>85,591</b>	<b>93,226</b>	<b>102,354</b>	<b>112,863</b>	<b>125,006</b>	<b>139,251</b>	<b>8%</b>
Projected Infrastructure Requirements	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	TOTAL
Distribution/Sub-transmission Facilities	48	3	45	9	11	17	8	7	15	7	170
<i>Expansion(ckt-km)</i>	42		38								80
<i>Rehabilitation(ckt-km)</i>	6	3	7	9	11	17	8	7	15	7	90
Substation Capacity (MVA)	15										15
Reactive Power Compensation Plan (MVAr)											
Capital Investment Requirements(in Million PhP)	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	TOTAL
Distribution/Sub-transmission Facilities	72	3	26	6	7						113
<i>Expansion</i>	63		22								85
<i>Rehabilitation</i>	9	3	4	6	7	0.4	0.4	0.4	0.4	0.4	30
Substation Projects	26										26
Electrification Projects	8	8	10	10	11	13	14	16	18	22	129
<b>Total</b>	<b>106</b>	<b>11</b>	<b>36</b>	<b>15</b>	<b>18</b>	<b>13</b>	<b>14</b>	<b>16</b>	<b>18</b>	<b>22</b>	<b>268</b>
Level of Electrification	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	
<b>Barangay Level (%)</b>	<b>94%</b>	<b>94%</b>	<b>94%</b>	<b>94%</b>	<b>94%</b>	<b>94%</b>	<b>94%</b>	<b>94%</b>	<b>94%</b>	<b>94%</b>	
No. of Barangays Electrified (On-Grid)	296	296	296	296	296	296	296	296	296	296	
No. of Barangays Electrified (Off-Grid)											
<b>Total</b>	<b>296</b>	<b>296</b>	<b>296</b>	<b>296</b>	<b>296</b>	<b>296</b>	<b>296</b>	<b>296</b>	<b>296</b>	<b>296</b>	
<b>Household Level (%)</b>	<b>41%</b>	<b>42%</b>	<b>43%</b>	<b>45%</b>	<b>46%</b>	<b>48%</b>	<b>50%</b>	<b>53%</b>	<b>56%</b>	<b>60%</b>	
No. of Households Electrified (On-Grid)	43,635	45,468	47,423	49,794	52,533	55,685	59,304	63,456	68,215	74,013	
No. of Households Electrified (Off-Grid)											
<b>Total</b>	<b>43,635</b>	<b>45,468</b>	<b>47,423</b>	<b>49,794</b>	<b>52,533</b>	<b>55,685</b>	<b>59,304</b>	<b>63,456</b>	<b>68,215</b>	<b>74,013</b>	

Franchise Coverage:

14 municipalities: San Francisco, Prosperidad, Bayugan, Sibagat, Esperanza, San Luis, Talacogon, La Paz, Loreto, Veruela, Sta. Josefa, Trento, Bunawan, and Rosario.

## Surigao Del Sur II Electric Cooperative, Inc. (SURSECO II)

General Information	
Location	Tandag City, Surigao del Sur
Contact Person	Engr. Iglorio R. Hinayon
Position	General Manager
Tel. No:	(086) 211-3553
Fax No:	(086) 211-3553
E-mail Address	surseco2@yahoo.com
Coverage Area	2,857 sq.km.
No. of barangays	171
Franchise Population	
SUPPLY HIGHLIGHTS	
Upgrading of 3.8MVA to 5MVA substation in Madrid to serve Mining Industries at Carrascal District.	



No. of Customers	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	AAGR
Residential	33,448	34,612	35,904	37,216	38,538	39,876	41,261	42,694	44,177	45,712	4%
Commercial	2,455	2,524	2,594	2,667	2,742	2,818	2,897	2,978	3,062	3,148	3%
Industrial	49	51	53	55	57	60	62	64	67	70	4%
Others	1,145	1,145	1,145	1,145	1,145	1,146	1,146	1,146	1,146	1,146	0.1%
<b>Total</b>	<b>37,097</b>	<b>38,332</b>	<b>39,697</b>	<b>41,083</b>	<b>42,483</b>	<b>43,900</b>	<b>45,366</b>	<b>46,883</b>	<b>48,452</b>	<b>50,075</b>	<b>3%</b>
Energy Sales per Customer Type (MWh)	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	AAGR
Residential	20,118	21,443	22,856	24,363	25,968	27,679	29,502	31,446	33,517	35,726	7%
Commercial	9,536	10,764	12,083	13,415	14,756	16,110	17,339	18,537	19,666	20,824	12%
Industrial	1,439	1,498	1,558	1,622	1,689	1,758	1,830	1,904	1,983	2,065	4%
Others	4,331	4,335	4,339	4,342	4,346	4,350	4,354	4,358	4,362	4,366	0%
<b>Total</b>	<b>35,424</b>	<b>38,039</b>	<b>40,835</b>	<b>43,742</b>	<b>46,760</b>	<b>49,897</b>	<b>53,025</b>	<b>56,245</b>	<b>59,529</b>	<b>62,980</b>	<b>7%</b>
Projected Infrastructure Requirements	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	TOTAL
Distribution/Sub-transmission Facilities											
Expansion(ckt-km)											
Rehabilitation(ckt-km)											
Substation Capacity (MVA)	5										5
Reactive Power Compensation Plan (MVAr)											
Capital Investment Requirements(in Million PhP)	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	TOTAL
Distribution/Sub-transmission Facilities	12	12	14	10	10	9	9	9	9	9	103
Expansion											
Rehabilitation	12	12	14	10	10	9	9	9	9	9	103
Substation Projects	20										20
Electrification Projects	5	4	5	5	5	5	5	6	6	6	53
<b>Total</b>	<b>37</b>	<b>17</b>	<b>18</b>	<b>15</b>	<b>15</b>	<b>14</b>	<b>15</b>	<b>15</b>	<b>15</b>	<b>15</b>	<b>176</b>
Level of Electrification	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	
<b>Barangay Level (%)</b>	<b>96%</b>	<b>96%</b>	<b>96%</b>	<b>96%</b>	<b>96%</b>	<b>96%</b>	<b>96%</b>	<b>96%</b>	<b>96%</b>	<b>96%</b>	
No. of Barangays Electrified (On-Grid)	163	163	163	163	163	163	163	163	163	163	
No. of Barangays Electrified (Off-Grid)	1	1	1	1	1	1	1	1	1	1	
<b>Total</b>	<b>164</b>	<b>164</b>	<b>164</b>	<b>164</b>	<b>164</b>	<b>164</b>	<b>164</b>	<b>164</b>	<b>164</b>	<b>164</b>	
<b>Household Level (%)</b>	<b>69%</b>	<b>70%</b>	<b>71%</b>	<b>72%</b>	<b>74%</b>	<b>75%</b>	<b>76%</b>	<b>78%</b>	<b>79%</b>	<b>80%</b>	
No. of Households Electrified (On-Grid)	33,448	34,612	35,817	37,064	38,355	39,690	41,073	42,504	43,984	45,517	
No. of Households Electrified (Off-Grid)											
<b>Total</b>	<b>33,448</b>	<b>34,612</b>	<b>35,817</b>	<b>37,064</b>	<b>38,355</b>	<b>39,690</b>	<b>41,073</b>	<b>42,504</b>	<b>43,984</b>	<b>45,517</b>	

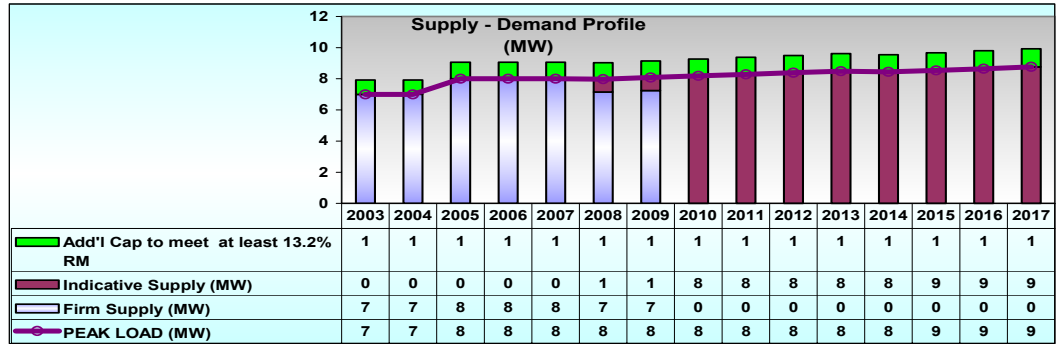
Franchise Coverage:

12 Municipalities (Bayabas, Cagwait, Cantilan, Carmen, Carrascal, Cortes, Lanuza, Madrid, Marihatag, San Miguel, Tago, and Tandag)



## Surigao Del Sur I Electric Cooperative, Inc. (SURSECO I)

General Information	
Location	San Fernando, Bislig City
Contact Person	Atty. Edwin M. Malazarte
Position	General Manager
Tel. No:	(086) 628-2212 / 853-6096
Fax No:	(086) 628-2212 / 853-6096
E-mail Address	surseco_1@yahoo.com
Coverage Area	2,463.07 sq.km.
No. of barangays	138
Franchise Population	
SUPPLY HIGHLIGHTS	
SURSECO I has an existing contract with NPC at an average of 290 MWh per month, which will expire on August 2008. The SURSECO I is also using 100% of the Transco transmission and sub-transmission facilities.	



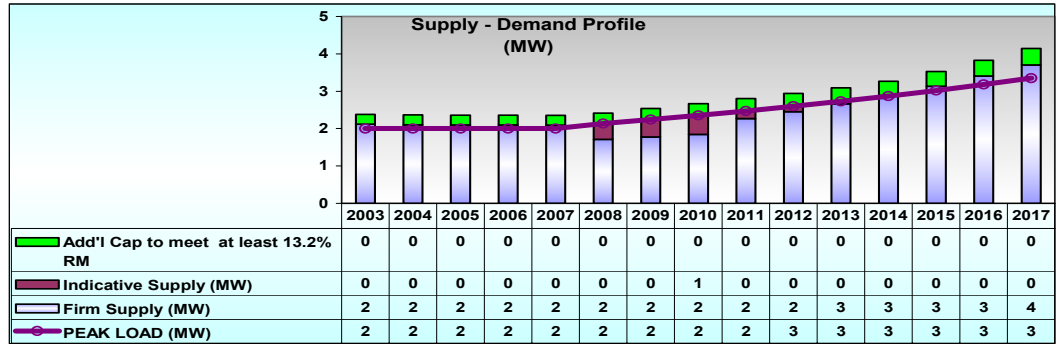
No. of Customers	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	AAGR
Residential	28,605	28,958	29,349	29,699	30,005	30,307	30,605	30,906	31,210	31,517	1%
Commercial	2,763	2,831	2,909	2,944	2,975	3,002	3,030	3,057	3,085	3,113	2%
Industrial	3	3	3	3	3	3	3	3	3	3	0%
Others	3,816	3,835	3,847	3,856	3,858	3,859	3,860	3,860	3,861	3,861	0.3%
<b>Total</b>	<b>35,187</b>	<b>35,626</b>	<b>36,108</b>	<b>36,502</b>	<b>36,841</b>	<b>37,171</b>	<b>37,498</b>	<b>37,826</b>	<b>38,158</b>	<b>38,494</b>	<b>1%</b>
Energy Sales per Customer Type (MWh)	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	AAGR
Residential	18,792	19,173	19,565	19,963	20,366	20,776	21,193	21,621	22,055	22,501	2%
Commercial	9,285	9,388	9,491	9,579	9,662	9,745	9,828	9,926	10,025	10,125	1%
Industrial	1,457	1,457	1,457	1,457	1,457	1,457	1,457	1,457	1,457	1,457	0%
Others	3,887	3,888	3,889	3,891	3,891	3,892	3,892	3,892	3,892	3,892	-1%
<b>Total</b>	<b>33,421</b>	<b>33,907</b>	<b>34,403</b>	<b>34,889</b>	<b>35,377</b>	<b>35,870</b>	<b>36,370</b>	<b>36,896</b>	<b>37,429</b>	<b>37,974</b>	<b>1%</b>
Projected Infrastructure Requirements	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	TOTAL
Distribution/Sub-transmission Facilities	94	38	29	27	2						188
<i>Expansion(ckt-km)</i>	18	5	9	3							35
<i>Rehabilitation(ckt-km)</i>	75	33	20	23	2						153
Substation Capacity (MVA)											
Reactive Power Compensation Plan (MVAr)											
Capital Investment Requirements(in Million PhP)	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	TOTAL
Distribution/Sub-transmission Facilities	16	10	9	3	2						39
<i>Expansion</i>	3	1	3								7
<i>Rehabilitation</i>	13	9	6	3	2						32
Substation Projects	2										2
Electrification Projects	9	7	4	4	4	4	4	4	4	4	49
<b>Total</b>	<b>27</b>	<b>16</b>	<b>13</b>	<b>7</b>	<b>6</b>	<b>4</b>	<b>4</b>	<b>4</b>	<b>4</b>	<b>4</b>	<b>90</b>
Level of Electrification	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	
<b>Barangay Level (%)</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	
No of Barangays Electrified (On-Grid)	138	138	138	138	138	138	138	138	138	138	
No. of Barangays Electrified (Off-Grid)											
<b>Total</b>	<b>138</b>	<b>138</b>	<b>138</b>	<b>138</b>	<b>138</b>	<b>138</b>	<b>138</b>	<b>138</b>	<b>138</b>	<b>138</b>	
<b>Household Level (%)</b>	<b>56%</b>	<b>56%</b>	<b>56%</b>	<b>57%</b>	<b>57%</b>	<b>57%</b>	<b>57%</b>	<b>57%</b>	<b>58%</b>	<b>58%</b>	
No. of Households Electrified (On-Grid)	28,342	28,625	28,914	29,203	29,495	29,790	30,088	30,389	30,693	31,000	
No. of Households Electrified (Off-Grid)											
<b>Total</b>	<b>28,342</b>	<b>28,625</b>	<b>28,914</b>	<b>29,203</b>	<b>29,495</b>	<b>29,790</b>	<b>30,088</b>	<b>30,389</b>	<b>30,693</b>	<b>31,000</b>	

Franchise Coverage:

1 City (Bislig) and 6 Municipalities (Barobo, Hinatuan, Lianga, Lingig, San Agustin, and Tagbina)

## Siargao Island Electric Cooperative, Inc. (SIARELCO)

General Information	
Location	Catabaan, Dapa, Surigao del Norte
Contact Person	Sergio C. Dagoc
Position	General Manager
Tel. No:	(086) 826-5455
Fax No:	(086) 826-5455
E-mail Address	siarelco@siarelco.hostingweb.us / scdaggy@yahoo.co
Coverage Area	
No. of barangays	132
Franchise Population	



**SUPPLY HIGHLIGHTS**

Supply is from NPC via submarine cable at Cagdianao, Claver, Surigao del Norte Mainland.

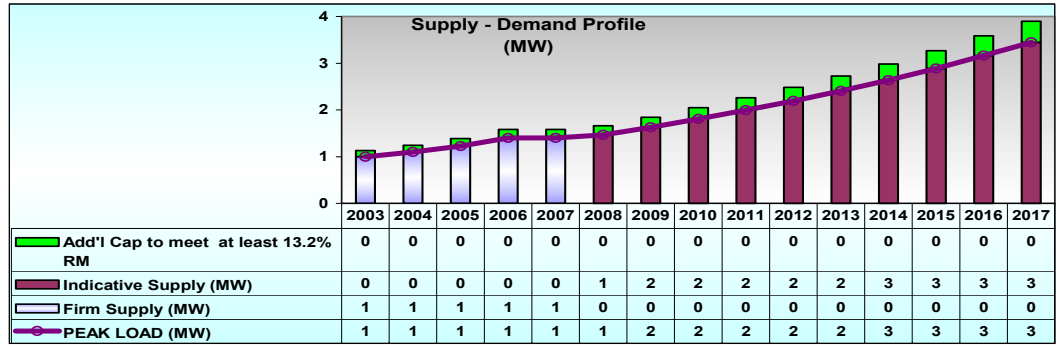
No. of Customers	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	AAGR
Residential	16,933	17,610	18,316	19,048	19,808	20,599	21,421	22,277	23,166	24,091	4%
Commercial	424	457	494	533	576	621	671	724	781	844	8%
Industrial											
Others	633	647	651	655	660	665	670	676	682	688	1%
<b>Total</b>	<b>17,990</b>	<b>18,714</b>	<b>19,462</b>	<b>20,236</b>	<b>21,044</b>	<b>21,885</b>	<b>22,762</b>	<b>23,676</b>	<b>24,630</b>	<b>25,623</b>	<b>4%</b>
Energy Sales per Customer Type (MWh)	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	AAGR
Residential	6,265	6,548	6,844	7,153	7,477	7,815	8,168	8,537	8,923	9,326	5%
Commercial	1,946	2,113	2,293	2,489	2,701	2,932	3,182	3,454	3,749	4,069	8%
Industrial											
Others	1,089	1,120	1,132	1,145	1,158	1,172	1,187	1,203	1,219	1,237	2%
<b>Total</b>	<b>9,300</b>	<b>9,780</b>	<b>10,269</b>	<b>10,787</b>	<b>11,336</b>	<b>11,919</b>	<b>12,537</b>	<b>13,194</b>	<b>13,891</b>	<b>14,632</b>	<b>5%</b>
Projected Infrastructure Requirements	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	TOTAL
Distribution/Sub-transmission Facilities	2										2
<i>Expansion(ckt-km)</i>											
<i>Rehabilitation(ckt-km)</i>	2										2
Substation Capacity (MVA)											
Reactive Power Compensation Plan (MVAr)											
Capital Investment Requirements(in Million PhP)	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	TOTAL
Distribution/Sub-transmission Facilities	2	2	2	2	2	2	2	2	2	2	18
<i>Expansion</i>											
<i>Rehabilitation</i>	2	2	2	2	2	2	2	2	2	2	18
Substation Projects											
Electrification Projects	3	2	1	1	1	1	1	1	2	2	16
<b>Total</b>	<b>5</b>	<b>3</b>	<b>3</b>	<b>3</b>	<b>3</b>	<b>3</b>	<b>3</b>	<b>3</b>	<b>3</b>	<b>3</b>	<b>34</b>
Level of Electrification	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	
<b>Barangay Level (%)</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	
No of Barangays Electrified (On-Grid)	132	132	132	132	132	132	132	132	132	132	
No. of Barangays Electrified (Off-Grid)											
<b>Total</b>	<b>132</b>	<b>132</b>	<b>132</b>	<b>132</b>	<b>132</b>	<b>132</b>	<b>132</b>	<b>132</b>	<b>132</b>	<b>132</b>	
<b>Household Level (%)</b>	<b>91%</b>	<b>91%</b>	<b>91%</b>	<b>91%</b>	<b>92%</b>	<b>92%</b>	<b>92%</b>	<b>92%</b>	<b>93%</b>	<b>93%</b>	
No. of Households Electrified (On-Grid)	16,900	17,576	18,279	19,010	19,771	20,561	21,384	22,239	23,129	24,054	
No. of Households Electrified (Off-Grid)											
<b>Total</b>	<b>16,900</b>	<b>17,576</b>	<b>18,279</b>	<b>19,010</b>	<b>19,771</b>	<b>20,561</b>	<b>21,384</b>	<b>22,239</b>	<b>23,129</b>	<b>24,054</b>	

Franchise Coverage:

9 Municipalities (Burgos, Dapa, Del Carmen, Gen. Luna, Pilar, San Benito, San Isidro, Sta. Monica, and Socorro)

## Dinagat Island Electric Cooperative, Inc. (DIELCO)

General Information	
Location	Justiniana, San Jose, Province of Dinagat Islands
Contact Person	Sergio C. Dagoooc
Position	General Manager
Tel. No:	(086) 826-5454 / 826-5331 local 110
Fax No:	(086) 826-5454 / 826-5331 local 110
E-mail Address	scdaggy@yahoo.com.ph
Coverage Area	
No. of barangays	100
Franchise Population	
SUPPLY HIGHLIGHTS	
Sale and load forecasts are based on the assumption that NPC-SPUG can upgrade its power plant capability to cater to the increasing power demand of industries, as well as the residential and other existing consumers.	



No. of Customers	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	AAGR
Residential	11,395	11,978	12,642	13,347	13,969	14,623	15,309	16,030	16,787	17,583	6%
Commercial	352	362	372	379	386	394	401	409	413	417	3%
Industrial	1	1	1	1	1	1	1	1	1	1	0%
Others	372	367	364	360	360	360	360	360	360	360	0.2%
<b>Total</b>	<b>12,120</b>	<b>12,707</b>	<b>13,379</b>	<b>14,088</b>	<b>14,717</b>	<b>15,378</b>	<b>16,072</b>	<b>16,800</b>	<b>17,561</b>	<b>18,361</b>	<b>6%</b>
Energy Sales per Customer Type (MWh)	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	AAGR
Residential	3,641	4,176	4,767	5,445	6,183	7,024	7,965	9,037	10,260	11,549	14%
Commercial	718	839	980	1,096	1,203	1,306	1,406	1,499	1,586	1,661	11%
Industrial											
Others	511	531	555	579	608	637	669	696	724	746	5%
<b>Total</b>	<b>4,870</b>	<b>5,547</b>	<b>6,302</b>	<b>7,120</b>	<b>7,993</b>	<b>8,968</b>	<b>10,040</b>	<b>11,232</b>	<b>12,569</b>	<b>13,956</b>	<b>13%</b>
Projected Infrastructure Requirements	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	TOTAL
Distribution/Sub-transmission Facilities	89		22								111
Expansion(ckt-km)	69										69
Rehabilitation(ckt-km)	20		22								42
Substation Capacity (MVA)	5										5
Reactive Power Compensation Plan (MVAr)											
Capital Investment Requirements(in Million PhP)	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	TOTAL
Distribution/Sub-transmission Facilities	40	1	1	1	1	1	1	1	1	1	46
Expansion	31										31
Rehabilitation	9	1	1	1	1	1	1	1	1	1	15
Substation Projects											
Electrification Projects	7	5	5	5	5	5	5	5	5	5	51
<b>Total</b>	<b>47</b>	<b>5</b>	<b>6</b>	<b>6</b>	<b>5</b>	<b>5</b>	<b>5</b>	<b>6</b>	<b>6</b>	<b>6</b>	<b>97</b>
Level of Electrification	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	
<b>Barangay Level (%)</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	
No. of Barangays Electrified (On-Grid)	100	100	100	100	100	100	100	100	100	100	
No. of Barangays Electrified (Off-Grid)											
<b>Total</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	
<b>Household Level (%)</b>	<b>49%</b>	<b>51%</b>	<b>52%</b>	<b>54%</b>	<b>55%</b>	<b>56%</b>	<b>58%</b>	<b>59%</b>	<b>60%</b>	<b>61%</b>	
No. of Households Electrified (On-Grid)	10,529	11,161	11,830	12,540	13,167	13,826	14,517	15,243	16,005	16,805	
No. of Households Electrified (Off-Grid)											
<b>Total</b>	<b>10,529</b>	<b>11,161</b>	<b>11,830</b>	<b>12,540</b>	<b>13,167</b>	<b>13,826</b>	<b>14,517</b>	<b>15,243</b>	<b>16,005</b>	<b>16,805</b>	

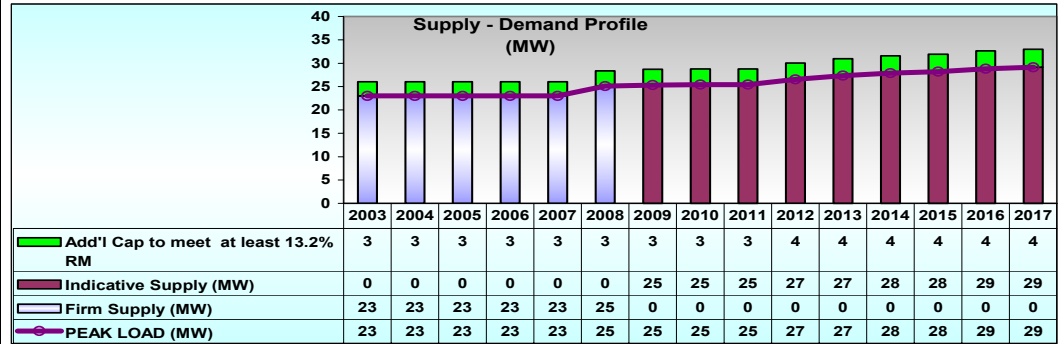
Franchise Coverage:

7 Municipalities (San Jose, Basilisa, Dinagat, Tubajon, Loreto, Cagdianao, and Libjo)

AUTONOMOUS REGION  
IN MUSLIM MINDANAO  
(ARMM)  
ELECTRIC COOPERATIVES

## Lanao Del Sur Electric Cooperative, Inc (LASURECO)

General Information	
Location	Maliwanag, Marawi City
Contact Person	Sultan Ashary P. Maongco
Position	PS/General Manager
Tel. No:	0919-763 0531
Fax No:	
E-mail Address	
Coverage Area	
No. of barangays	1,191
Franchise Population	
SUPPLY HIGHLIGHTS	
NPC is providing thru the Transco lines the required power needs of the cooperative. Its annual contract with its power provider is at an average of 114,000 MWH.	



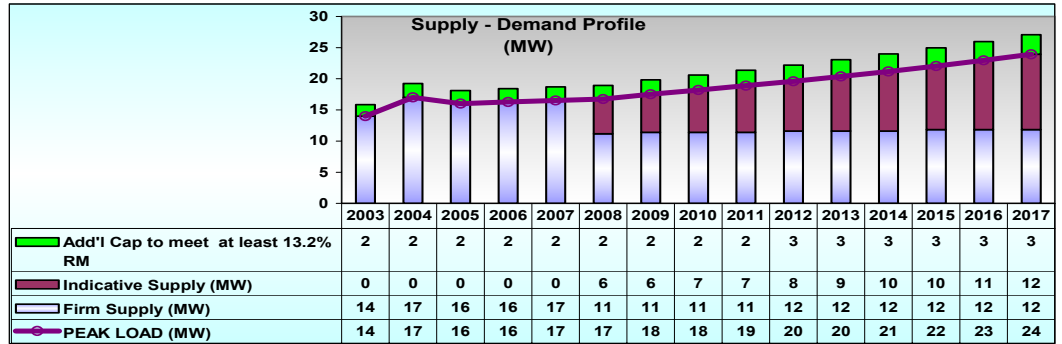
No. of Customers	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	AAGR
Residential	31,676	34,907	36,268	37,409	38,296	38,902	39,519	39,886	40,266	40,658	6%
Commercial	735	740	744	749	753	758	762	767	771	776	1%
Industrial	51	51	51	51	51	51	51	51	51	51	0%
Others	541	542	525	525	525	525	525	525	525	525	0%
<b>Total</b>	<b>33,004</b>	<b>36,240</b>	<b>37,588</b>	<b>38,733</b>	<b>39,625</b>	<b>40,235</b>	<b>40,858</b>	<b>41,229</b>	<b>41,613</b>	<b>42,010</b>	<b>5%</b>
Energy Sales per Customer Type (MWh)	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	AAGR
Residential	42,385	46,760	51,488	56,032	60,060	63,393	66,181	68,313	69,952	71,620	6%
Commercial	2,428	2,458	2,489	2,520	2,551	2,583	2,615	2,648	2,681	2,714	1%
Industrial	1,366	1,379	1,393	1,407	1,421	1,435	1,450	1,464	1,479	1,493	1%
Others	2,748	2,777	2,769	2,797	2,825	2,853	2,882	2,911	2,940	2,969	1%
<b>Total</b>	<b>48,927</b>	<b>53,374</b>	<b>58,139</b>	<b>62,755</b>	<b>66,857</b>	<b>70,265</b>	<b>73,127</b>	<b>75,335</b>	<b>77,051</b>	<b>78,797</b>	<b>6%</b>
Projected Infrastructure Requirements	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	TOTAL
Distribution/Sub-transmission Facilities	461	186									648
<i>Expansion(ckt-km)</i>	460	180									640
<i>Rehabilitation(ckt-km)</i>	1	6									8
Substation Capacity (MVA)	10										10
Reactive Power Compensation Plan (MVAr)											
Capital Investment Requirements(in Million PhP)	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	TOTAL
Distribution/Sub-transmission Facilities	177	99									276
<i>Expansion</i>	177	96									273
<i>Rehabilitation</i>	0.5	3									4
Substation Projects	8										8
Electrification Projects	25	10	24	8	23	6	22	5	21	4	149
<b>Total</b>	<b>210</b>	<b>109</b>	<b>24</b>	<b>8</b>	<b>23</b>	<b>6</b>	<b>22</b>	<b>5</b>	<b>21</b>	<b>4</b>	<b>433</b>
Level of Electrification	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	
<b>Barangay Level (%)</b>	<b>95%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	
No. of Barangays Electrified (On-Grid)	1,130	1,191	1,191	1,191	1,191	1,191	1,191	1,191	1,191	1,191	
No. of Barangays Electrified (Off-Grid)											
<b>Total</b>	<b>1,130</b>	<b>1,191</b>	<b>1,191</b>	<b>1,191</b>	<b>1,191</b>	<b>1,191</b>	<b>1,191</b>	<b>1,191</b>	<b>1,191</b>	<b>1,191</b>	
<b>Household Level (%)</b>	<b>41%</b>	<b>44%</b>	<b>45%</b>	<b>46%</b>	<b>47%</b>	<b>47%</b>	<b>47%</b>	<b>47%</b>	<b>47%</b>	<b>47%</b>	
No. of Households Electrified (On-Grid)	25,516	27,455	28,828	29,981	30,881	31,498	32,128	32,771	33,426	34,095	
No. of Households Electrified (Off-Grid)											
<b>Total</b>	<b>25,516</b>	<b>27,455</b>	<b>28,828</b>	<b>29,981</b>	<b>30,881</b>	<b>31,498</b>	<b>32,128</b>	<b>32,771</b>	<b>33,426</b>	<b>34,095</b>	

Franchise Coverage:

Province of Lanao Del Sur (except Wao and Bumbaran), Marawi City, Balo-I, Pantar, and Pantao a Ragat.

## Maguindanao Electric Cooperative, Inc. (MAGELCO)

General Information	
Location	Capiton, Datu Odin Sinsuat, Maguindanao
Contact Person	Edgardo D. Dafilmoto, PEE
Position	General Manager
Tel. No:	(064) 431-0088
Fax No:	(064) 431-0362
E-mail Address	magelco01@yahoo.com
Coverage Area	
No. of barangays	576
Franchise Population	
SUPPLY HIGHLIGHTS	
Contracted energy to NPC is 4,894 MWH per month which is lower than the actual monthly energy consumption.	



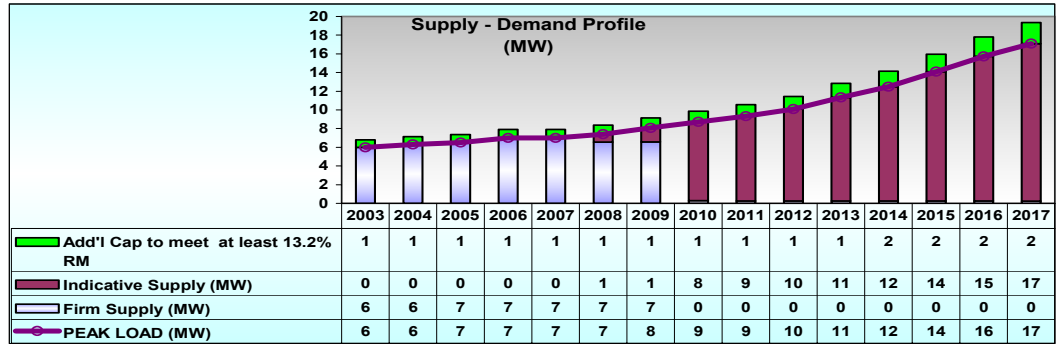
No. of Customers	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	AAGR
Residential	33,851	35,300	36,731	38,203	39,717	41,275	42,879	44,530	46,229	47,979	4%
Commercial	4,015	4,095	4,177	4,260	4,346	4,433	4,521	4,612	4,704	4,798	2%
Industrial	430	447	465	483	502	523	543	565	588	611	4%
Others	934	935	935	935	936	936	937	937	937	938	0.2%
<b>Total</b>	<b>39,229</b>	<b>40,776</b>	<b>42,307</b>	<b>43,882</b>	<b>45,501</b>	<b>47,167</b>	<b>48,880</b>	<b>50,644</b>	<b>52,459</b>	<b>54,327</b>	<b>4%</b>
Energy Sales per Customer Type (MWh)	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	AAGR
Residential	40,157	43,480	45,525	47,618	49,805	52,089	54,476	56,971	59,577	62,302	6%
Commercial	9,667	10,058	10,362	10,676	10,999	11,331	11,674	12,027	12,391	12,766	3%
Industrial	12,457	13,605	14,859	16,228	17,724	19,357	21,141	23,088	25,216	27,539	9%
Others	3,199	3,288	3,350	3,412	3,475	3,540	3,605	3,672	3,740	3,809	2%
<b>Total</b>	<b>65,480</b>	<b>70,430</b>	<b>74,096</b>	<b>77,935</b>	<b>82,002</b>	<b>86,317</b>	<b>90,896</b>	<b>95,758</b>	<b>100,924</b>	<b>106,416</b>	<b>6%</b>
Projected Infrastructure Requirements	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	TOTAL
Distribution/Sub-transmission Facilities	146	5									151
Expansion(ckt-km)	145	5									150
Rehabilitation(ckt-km)	1										1
Substation Capacity (MVA)	10										10
Reactive Power Compensation Plan (MVAr)											
Capital Investment Requirements(in Million PhP)	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	TOTAL
Distribution/Sub-transmission Facilities	94	2									96
Expansion	93	2									95
Rehabilitation	1										1
Substation Projects	24										24
Electrification Projects	10	6	11	7	12	9	13	10	15	11	104
<b>Total</b>	<b>128</b>	<b>8</b>	<b>11</b>	<b>7</b>	<b>12</b>	<b>9</b>	<b>13</b>	<b>10</b>	<b>15</b>	<b>11</b>	<b>224</b>
Level of Electrification	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	
<b>Barangay Level (%)</b>	<b>68%</b>	<b>85%</b>	<b>85%</b>	<b>85%</b>	<b>85%</b>	<b>85%</b>	<b>85%</b>	<b>85%</b>	<b>85%</b>	<b>85%</b>	
No of Barangays Electrified (On-Grid)	481	489	489	489	489	489	489	489	489	489	
No. of Barangays Electrified (Off-Grid)											
<b>Total</b>	<b>481</b>	<b>489</b>	<b>489</b>	<b>489</b>	<b>489</b>	<b>489</b>	<b>489</b>	<b>489</b>	<b>489</b>	<b>489</b>	
<b>Household Level (%)</b>	<b>17%</b>	<b>17%</b>	<b>16%</b>	<b>16%</b>	<b>16%</b>	<b>16%</b>	<b>16%</b>	<b>15%</b>	<b>15%</b>	<b>15%</b>	
No. of Households Electrified (On-Grid)	32,348	33,480	34,652	35,865	37,120	38,419	39,764	41,156	42,596	44,087	
No. of Households Electrified (Off-Grid)											
<b>Total</b>	<b>32,348</b>	<b>33,480</b>	<b>34,652</b>	<b>35,865</b>	<b>37,120</b>	<b>38,419</b>	<b>39,764</b>	<b>41,156</b>	<b>42,596</b>	<b>44,087</b>	

Franchise Coverage:

24 Municipalities (Barira, Buldon, Datu Odin Sinsuat, Kabuntalan, Matanog, North Upi, Parang, Sulatan Kudarat, Alamada, Aleosan, Libungan, Midsayap, Pigkawayan, Pikit, Ampatuan, Datu Piang, Mamasapano, Pagagawan, Pagalungan, Shariff Aguak, South Upi, Sultan sa Barongis, Talayan, and Talitay)

## Basilan Electric Cooperative, Inc. (BASELCO)

General Information	
Location	Km. 3 Binuangan, Isabela City, Basilan
Contact Person	Alfredo E. Ovao
Position	General Manager
Tel. No:	(062) 200-7905
Fax No:	
E-mail Address	
Coverage Area	1,379 sq.km.
No. of barangays	284
Franchise Population	
SUPPLY HIGHLIGHTS	



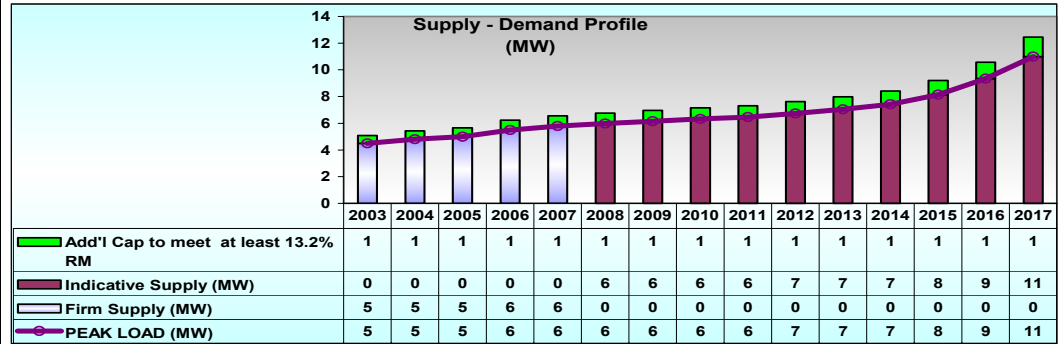
No. of Customers	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	AAGR
Residential	21,765	23,289	24,919	26,788	28,797	30,957	33,279	35,775	38,458	41,342	8%
Commercial	1,173	1,290	1,445	1,618	1,812	2,030	2,273	2,546	2,852	3,194	12%
Industrial	5	6	6	6	7	7	8	8	9	9	6%
Others	550	554	557	558	560	561	563	567	570	573	1%
<b>Total</b>	<b>23,493</b>	<b>25,139</b>	<b>26,927</b>	<b>28,970</b>	<b>31,176</b>	<b>33,555</b>	<b>36,122</b>	<b>38,896</b>	<b>41,888</b>	<b>45,118</b>	<b>8%</b>
Energy Sales per Customer Type (MWh)	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	AAGR
Residential	12,889	13,901	15,272	17,129	19,312	21,908	25,008	28,724	33,161	38,475	12%
Commercial	3,641	4,042	4,565	5,250	6,087	7,112	8,368	9,864	11,643	13,245	15%
Industrial	548	595	648	711	785	870	971	1,092	1,228	1,383	11%
Others	3,576	4,776	4,975	5,190	5,417	5,656	5,748	5,857	5,972	6,092	18%
<b>Total</b>	<b>20,654</b>	<b>23,313</b>	<b>25,461</b>	<b>28,280</b>	<b>31,601</b>	<b>35,546</b>	<b>40,096</b>	<b>45,536</b>	<b>52,004</b>	<b>59,196</b>	<b>13%</b>
Projected Infrastructure Requirements	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	TOTAL
Distribution/Sub-transmission Facilities	35	5	6	4	2	5	7	5			68
<i>Expansion(ckt-km)</i>	30										30
<i>Rehabilitation(ckt-km)</i>	5	5	6	4	2	5	7	5			38
Substation Capacity (MVA)	10										10
Reactive Power Compensation Plan (MVAr)											
Capital Investment Requirements(in Million Php)	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	TOTAL
Distribution/Sub-transmission Facilities	65	17	18	15	15	14	15	15	13	12	199
<i>Expansion</i>	56										56
<i>Rehabilitation</i>	8	17	18	15	15	14	15	15	13	12	143
Substation Projects	36										36
Electrification Projects	18	83	9	9	9	10	8	9	10	11	175
<b>Total</b>	<b>118</b>	<b>100</b>	<b>27</b>	<b>24</b>	<b>24</b>	<b>24</b>	<b>24</b>	<b>24</b>	<b>22</b>	<b>23</b>	<b>410</b>
Level of Electrification	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	
<b>Barangay Level (%)</b>	<b>101%</b>	<b>101%</b>	<b>101%</b>	<b>101%</b>	<b>101%</b>	<b>101%</b>	<b>101%</b>	<b>101%</b>	<b>101%</b>	<b>101%</b>	
No of Barangays Electrified (On-Grid)	283	283	283	283	283	283	283	283	283	283	
No. of Barangays Electrified (Off-Grid)	5	5	5	5	5	5	5	5	5	5	
<b>Total</b>	<b>288</b>	<b>288</b>	<b>288</b>	<b>288</b>	<b>288</b>	<b>288</b>	<b>288</b>	<b>288</b>	<b>288</b>	<b>288</b>	
<b>Household Level (%)</b>	<b>33%</b>	<b>34%</b>	<b>35%</b>	<b>37%</b>	<b>38%</b>	<b>40%</b>	<b>42%</b>	<b>43%</b>	<b>45%</b>	<b>47%</b>	
No. of Households Electrified (On-Grid)	21,765	23,289	24,919	26,788	28,797	30,957	33,279	35,775	38,458	41,342	
No. of Households Electrified (Off-Grid)											
<b>Total</b>	<b>21,765</b>	<b>23,289</b>	<b>24,919</b>	<b>26,788</b>	<b>28,797</b>	<b>30,957</b>	<b>33,279</b>	<b>35,775</b>	<b>38,458</b>	<b>41,342</b>	

Franchise Coverage:

1city (Isabela City) and 6 Municipalities (Lamitan, Lantawan, Maluso, Sumisip, Tipo-Tipo, and Tuburan)

## Sulu Electric Cooperative, Inc. (SULECO)

General Information	
Location	Bus-Bus, Jolo, Sulu
Contact Person	Peraida T. Akalal
Position	General Manager
Tel. No:	
Fax No:	
E-mail Address	
Coverage Area	1,600.40 sq.km.
No. of barangays	344
Franchise Population	
SUPPLY HIGHLIGHTS	
No power contract entered into between NPC.	



No. of Customers	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	AAGR
Residential	15,107	16,081	17,150	18,550	20,207	22,325	24,739	27,357	30,054	33,271	9%
Commercial	1,081	1,131	1,206	1,320	1,479	1,656	1,870	2,098	2,311	2,513	9%
Industrial											
Others	309	315	323	328	330	337	346	360	367	375	2%
<b>Total</b>	<b>16,497</b>	<b>17,527</b>	<b>18,679</b>	<b>20,198</b>	<b>22,016</b>	<b>24,318</b>	<b>26,954</b>	<b>29,814</b>	<b>32,733</b>	<b>36,160</b>	<b>9%</b>
Energy Sales per Customer Type (MWh)	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	AAGR
Residential	12,083	12,703	13,427	14,441	16,203	18,847	22,233	26,382	31,619	38,591	13%
Commercial	2,869	3,047	3,315	3,694	4,237	4,925	5,855	7,021	8,493	10,267	14%
Industrial											
Others	2,958	3,159	3,424	3,718	4,042	4,509	5,105	5,879	6,769	7,895	11%
<b>Total</b>	<b>17,909</b>	<b>18,910</b>	<b>20,165</b>	<b>21,853</b>	<b>24,482</b>	<b>28,281</b>	<b>33,193</b>	<b>39,281</b>	<b>46,882</b>	<b>56,753</b>	<b>13%</b>
Projected Infrastructure Requirements	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	TOTAL
Distribution/Sub-transmission Facilities	10	28	32	6							76
<i>Expansion(ckt-km)</i>	9	9	18	6							42
<i>Rehabilitation(ckt-km)</i>	1	18	14								33
Substation Capacity (MVA)											
Reactive Power Compensation Plan (MVAr)											
Capital Investment Requirements(in Million PhP)	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	TOTAL
Distribution/Sub-transmission Facilities	12	24	26	2							65
<i>Expansion</i>	11	8	15	2							36
<i>Rehabilitation</i>	1	16	11								29
Substation Projects											
Electrification Projects	3	15	10	7	6	8	12	9	10	11	91
<b>Total</b>	<b>15</b>	<b>39</b>	<b>36</b>	<b>9</b>	<b>6</b>	<b>8</b>	<b>12</b>	<b>9</b>	<b>10</b>	<b>11</b>	<b>156</b>
Level of Electrification	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	
<b>Barangay Level (%)</b>	<b>52%</b>	<b>53%</b>	<b>55%</b>	<b>57%</b>	<b>57%</b>	<b>57%</b>	<b>57%</b>	<b>57%</b>	<b>57%</b>	<b>57%</b>	
No of Barangays Electrified (On-Grid)	179	183	190	195	195	195	195	195	195	195	
No. of Barangays Electrified (Off-Grid)											
<b>Total</b>	<b>179</b>	<b>183</b>	<b>190</b>	<b>195</b>	<b>195</b>	<b>195</b>	<b>195</b>	<b>195</b>	<b>195</b>	<b>195</b>	
<b>Household Level (%)</b>	<b>11%</b>	<b>11%</b>	<b>11%</b>	<b>12%</b>	<b>12%</b>	<b>13%</b>	<b>13%</b>	<b>14%</b>	<b>15%</b>	<b>16%</b>	
No. of Households Electrified (On-Grid)	15,020	15,771	16,559	17,553	18,781	20,472	22,519	24,771	27,248	30,245	
No. of Households Electrified (Off-Grid)											
<b>Total</b>	<b>15,020</b>	<b>15,771</b>	<b>16,559</b>	<b>17,553</b>	<b>18,781</b>	<b>20,472</b>	<b>22,519</b>	<b>24,771</b>	<b>27,248</b>	<b>30,245</b>	

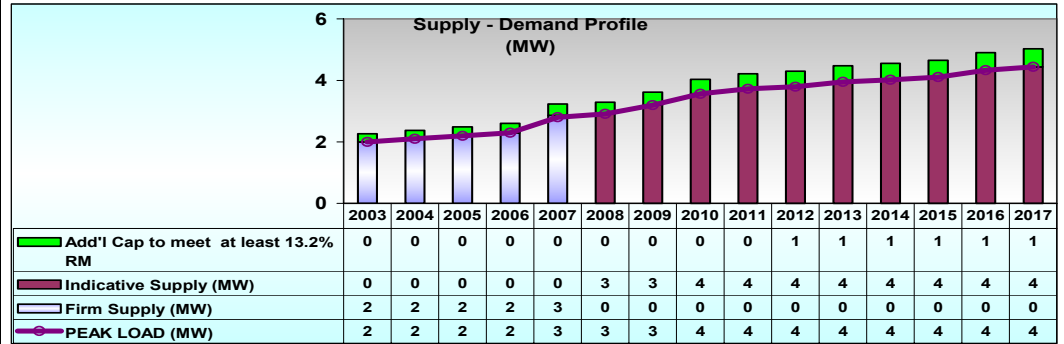
Franchise Coverage:

Composed of 15 municipalities, 10 are mainland and 5 small island with a total of 274 mainland barangays and 56 small island barangay.



## Tawi -Tawi Electric Cooperative, Inc. (TAWELCO)

General Information	
Location	Tubig Bog, Bongao, Tawi-Tawi
Contact Person	Mansur B. Sakili
Position	General Manager
Tel. No:	(068) 268-1304
Fax No:	(068) 268-1363
E-mail Address	
Coverage Area	
No. of barangays	185
Franchise Population	
SUPPLY HIGHLIGHTS	



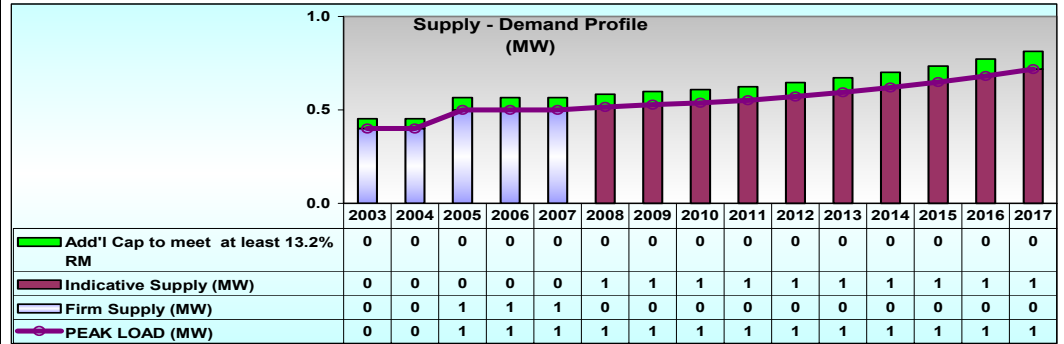
No. of Customers	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	AAGR
Residential	5,620	7,980	10,734	14,097	18,475	23,102	24,920	26,921	29,098	31,434	20%
Commercial	609	749	929	1,161	1,462	1,857	2,377	3,067	3,987	5,223	27%
Industrial											
Others	256	583	922	1,367	1,782	1,929	2,021	2,073	2,132	2,199	32%
<b>Total</b>	<b>6,485</b>	<b>9,311</b>	<b>12,585</b>	<b>16,625</b>	<b>21,720</b>	<b>26,889</b>	<b>29,318</b>	<b>32,061</b>	<b>35,217</b>	<b>38,855</b>	<b>21%</b>
Energy Sales per Customer Type (MWh)	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	AAGR
Residential	4,781	5,012	5,321	5,697	6,187	6,727	6,999	7,277	7,382	7,481	5%
Commercial	4,240	4,577	4,910	5,229	5,581	5,985	6,459	7,023	7,475	8,051	10%
Industrial											
Others	1,177	1,334	1,542	1,777	1,966	2,050	2,117	2,168	2,218	2,272	10%
<b>Total</b>	<b>10,198</b>	<b>10,922</b>	<b>11,773</b>	<b>12,703</b>	<b>13,733</b>	<b>14,762</b>	<b>15,574</b>	<b>16,468</b>	<b>17,075</b>	<b>17,804</b>	<b>8%</b>
Projected Infrastructure Requirements	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	TOTAL
Distribution/Sub-transmission Facilities	24	12	7	4							47
<i>Expansion(ckt-km)</i>	17	12	7	4							39
<i>Rehabilitation(ckt-km)</i>	7										7
Substation Capacity (MVA)											
Reactive Power Compensation Plan (MVAr)											
Capital Investment Requirements(in Million PhP)	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	TOTAL
Distribution/Sub-transmission Facilities	40	8	5	2							56
<i>Expansion</i>	28	8	5	2							43
<i>Rehabilitation</i>	12										12
Substation Projects											
Electrification Projects	25	9	11	13	26	13	12	14	16	18	157
<b>Total</b>	<b>65</b>	<b>17</b>	<b>16</b>	<b>16</b>	<b>26</b>	<b>13</b>	<b>12</b>	<b>14</b>	<b>16</b>	<b>18</b>	<b>213</b>
Level of Electrification	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	
<b>Barangay Level (%)</b>	<b>96%</b>	<b>96%</b>	<b>96%</b>	<b>96%</b>	<b>96%</b>	<b>96%</b>	<b>96%</b>	<b>96%</b>	<b>96%</b>	<b>96%</b>	
No of Barangays Electrified (On-Grid)	78	78	78	78	78	78	78	78	78	78	
No. of Barangays Electrified (Off-Grid)	99	99	99	99	99	99	99	99	99	99	
<b>Total</b>	<b>177</b>	<b>177</b>	<b>177</b>	<b>177</b>	<b>177</b>	<b>177</b>	<b>177</b>	<b>177</b>	<b>177</b>	<b>177</b>	
<b>Household Level (%)</b>	<b>7%</b>	<b>7%</b>	<b>7%</b>	<b>8%</b>	<b>9%</b>	<b>10%</b>	<b>11%</b>	<b>13%</b>	<b>14%</b>	<b>15%</b>	
No. of Households Electrified (On-Grid)	5,520	5,961	6,677	7,678	9,060	10,691	12,509	14,510	16,687	19,023	
No. of Households Electrified (Off-Grid)											
<b>Total</b>	<b>5,520</b>	<b>5,961</b>	<b>6,677</b>	<b>7,678</b>	<b>9,060</b>	<b>10,691</b>	<b>12,509</b>	<b>14,510</b>	<b>16,687</b>	<b>19,023</b>	

Franchise Coverage:

8 Municipalities ( Bongao, Languyan, Panglima Sugala, Sapa-sapa, Simunul, Sitangkai, South Ubian and Tandubas)

## Siasi Electric Cooperative, Inc. (SIASELCO)

General Information	
Location	Poblacion, Siasi, Sulu
Contact Person	Attha I. Anuddin
Position	General Manager
Tel. No:	(0919) 678-2007
Fax No:	
E-mail Address	
Coverage Area	
No. of barangays	
Franchise Population	
SUPPLY HIGHLIGHTS	



No. of Customers	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	AAGR
Residential	1,722	1,857	2,021	2,138	2,259	2,384	2,507	2,634	2,753	2,878	6%
Commercial	210	221	232	243	255	268	281	295	310	326	5%
Industrial	4	4	4	4	4	4	4	4	4	4	1%
Others	309	312	328	335	335	338	342	340	341	343	2%
<b>Total</b>	<b>2,245</b>	<b>2,394</b>	<b>2,585</b>	<b>2,720</b>	<b>2,853</b>	<b>2,995</b>	<b>3,134</b>	<b>3,274</b>	<b>3,409</b>	<b>3,551</b>	<b>6%</b>
Energy Sales per Customer Type (MWh)	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	AAGR
Residential	842	956	1,085	1,232	1,402	1,568	1,752	1,962	2,196	2,460	13%
Commercial	283	299	315	332	351	372	394	418	444	472	6%
Industrial	185	189	193	196	200	204	208	213	217	222	2%
Others	157	160	163	167	169	173	177	180	184	188	2%
<b>Total</b>	<b>1,468</b>	<b>1,604</b>	<b>1,756</b>	<b>1,927</b>	<b>2,123</b>	<b>2,317</b>	<b>2,531</b>	<b>2,773</b>	<b>3,042</b>	<b>3,342</b>	<b>10%</b>
Projected Infrastructure Requirements	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	TOTAL
Distribution/Sub-transmission Facilities	11	4	3	8	7						32
<i>Expansion(ckt-km)</i>	7	4	2								12
<i>Rehabilitation(ckt-km)</i>	4	0.4	2	8	7						20
Substation Capacity (MVA)											
Reactive Power Compensation Plan (MVAr)											
Capital Investment Requirements(in Million PhP)	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	TOTAL
Distribution/Sub-transmission Facilities	14	4	3	1	2						25
<i>Expansion</i>	9	4	1								14
<i>Rehabilitation</i>	5		2	1	2						10
Substation Projects											
Electrification Projects	8	1	1	1	1	1	1	1	1	1	13
<b>Total</b>	<b>22</b>	<b>5</b>	<b>4</b>	<b>2</b>	<b>3</b>	<b>1</b>	<b>1</b>	<b>1</b>	<b>1</b>	<b>1</b>	<b>38</b>
Level of Electrification	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	
<b>Barangay Level (%)</b>	<b>95%</b>	<b>95%</b>	<b>97%</b>	<b>97%</b>	<b>97%</b>	<b>97%</b>	<b>97%</b>	<b>97%</b>	<b>97%</b>	<b>97%</b>	
No of Barangays Electrified (On-Grid)	35	35	36	36	36	36	36	36	36	36	
No. of Barangays Electrified (Off-Grid)	28	28	28	28	28	28	28	28	28	28	
<b>Total</b>	<b>63</b>	<b>63</b>	<b>64</b>	<b>64</b>	<b>64</b>	<b>64</b>	<b>64</b>	<b>64</b>	<b>64</b>	<b>64</b>	
<b>Household Level (%)</b>	<b>13%</b>	<b>13%</b>	<b>13%</b>	<b>14%</b>	<b>14%</b>	<b>15%</b>	<b>15%</b>	<b>16%</b>	<b>16%</b>	<b>17%</b>	
No. of Households Electrified (On-Grid)	1,622	1,703	1,789	1,878	1,972	2,070	2,174	2,283	2,397	2,517	
No. of Households Electrified (Off-Grid)											
<b>Total</b>	<b>1,622</b>	<b>1,703</b>	<b>1,789</b>	<b>1,878</b>	<b>1,972</b>	<b>2,070</b>	<b>2,174</b>	<b>2,283</b>	<b>2,397</b>	<b>2,517</b>	

Franchise Coverage:

2 Municipalities ( Siasi and Pandami)

Electric Cooperatives in the Philippines							
Electric Cooperatives	Acronym	Region	Electric Cooperatives	Acronym	Region		
<b>LUZON</b>							
1	Abra Electric Cooperative, Inc.	ABRECO	CAR	29	Zambales I Electric Cooperative, Inc.	ZAMECO I	Region 3
2	Benguet Electric Cooperative, Inc.	BENECO	CAR	30	Zambales II Electric Cooperative, Inc.	ZAMECO II	Region 3
3	Ifugao Electric Cooperative, Inc.	IFELCO	CAR	31	Nueva Ecija II - Area 2 Electric Cooperative, Inc.	NEECO II-Area 1	Region 3
4	Kalinga-Apayao Electric Cooperative, Inc. *	KAELCO	CAR	32	Aurora Electric Cooperative, Inc. *	AURELCO	Region 3
5	Mountain Province Electric Cooperative, Inc.	MOPRECO	CAR	33	First Laguna Electric Cooperative, Inc.	FLECO	Region 4A
6	Ilocos Norte Electric Cooperative, Inc.	INEC	Region 1	34	Batangas I Electric Cooperative, Inc.	BATELEC I	Region 4A
7	Ilocos Sur Electric Cooperative, Inc.	ISECO	Region 1	35	Batangas II Electric Cooperative, Inc. ***	BATELEC II	Region 4A
8	La Union Electric Cooperative, Inc.	LUELCO	Region 1	36	Quezon I Electric Cooperative, Inc.	QUEZELCO I	Region 4A
9	Pangasinan I Electric Cooperative, Inc.	PANELCO I	Region 1	37	Quezon II Electric Cooperative, Inc. ***	QUEZELCO II	Region 4A
10	Central Pangasinan Electric Cooperative, Inc.	CENPELCO	Region 1	38	Lubang Electric Cooperative, Inc. **	LUBELCO	Region 4B
11	Pangasinan III Electric Cooperative, Inc.	PANELCO III	Region 1	39	Occidental Mindoro Electric Cooperative, Inc. **	OMECCO	Region 4B
12	Batanes Electric Cooperative, Inc. **	BATANELCO	Region 2	40	Oriental Mindoro Electric Cooperative, Inc. **	ORMECCO	Region 4B
13	Cagayan I Electric Cooperative, Inc.	CAGELCO I	Region 2	41	Marinduque Electric Cooperative, Inc. **	MARELCO	Region 4B
14	Cagayan II Electric Cooperative, Inc. ***	CAGELCO II	Region 2	42	Tablas Island Electric Cooperative, Inc. **	TIELCO	Region 4B
15	Isabela I Electric Cooperative, Inc.	ISELCO I	Region 2	43	Romblon Electric Cooperative, Inc. **	ROMELCO	Region 4B
16	Isabela II Electric Cooperative, Inc. *	ISELCO II	Region 2	44	Busuanga Island Electric Cooperative, Inc. **	BISELCO	Region 4B
17	Nueva Vizcaya Electric Cooperative, Inc.	NUVELCO	Region 2	45	Palawan Electric Cooperative, Inc. **	PALECO	Region 4B
18	Quirino Electric Cooperative, Inc.	QUIRELCO	Region 2	46	Camarines Norte Electric Cooperative, Inc.	CANORECO	Region 5
19	Tarlac I Electric Cooperative, Inc.	TARELCO I	Region 3	47	Camarines Sur I Electric Cooperative, Inc.	CASURECO I	Region 5
20	Tarlac II Electric Cooperative, Inc.	TARELCO II	Region 3	48	Camarines Sur II Electric Cooperative, Inc.	CASURECO II	Region 5
21	Nueva Ecija I Electric Cooperative, Inc.	NEECO I	Region 3	49	Camarines Sur III Electric Cooperative, Inc.	CASURECO III	Region 5
22	Nueva Ecija II - Area 1 Electric Cooperative, Inc.	NEECO II-Area 1	Region 3	50	Camarines Sur IV Electric Cooperative, Inc.	CASURECO IV	Region 5
23	San Jose City Electric Cooperative, Inc.	SAJELCO	Region 3	51	Albay Electric Cooperative, Inc. ***	ALECO	Region 5
24	Pampanga Rural Electric Cooperative, Inc.	PRESCO	Region 3	52	Sorsogon I Electric Cooperative, Inc.	SORECO I	Region 5
25	Pampanga I Electric Cooperative, Inc.	PELCO I	Region 3	53	Sorsogon II Electric Cooperative, Inc.	SORECO II	Region 5
26	Pampanga II Electric Cooperative, Inc.	PELCO II	Region 3	54	First Catanduanes Electric Cooperative, Inc. **	FICELCO	Region 5
27	Pampanga III Electric Cooperative, Inc.	PELCO III	Region 3	55	Masbate Electric Cooperative, Inc. **	MASELCO	Region 5
28	Peninsula Electric Cooperative, Inc.	PENELCO	Region 3	56	Ticao Electric Cooperative, Inc. **	TISELCO	Region 5
<b>Visayas</b>							
1	Aklan Electric Cooperative, Inc.	AKELCO	Region 6	17	Province of Siquijor Electric Cooperative, Inc. **	PROSIELCO	Region 7
2	Antique Electric Cooperative, Inc. ***	ANTECO	Region 6	18	Camotes Island Electric Cooperative, Inc. **	CELCO	Region 7
3	Capiz Electric Cooperative, Inc.	CAPELCO	Region 6	19	Bohol I Electric Cooperative, Inc.	BOHECO I	Region 7
4	Iloilo I Electric Cooperative, Inc.	ILECO I	Region 6	20	Bohol II Electric Cooperative, Inc.	BOHECO II	Region 7
5	Iloilo II Electric Cooperative, Inc.	ILECO II	Region 6	21	Don Orestes Romualdez Electric Cooperative, Inc.	DORELCO	Region 8
6	Iloilo III Electric Cooperative, Inc. ***	ILECO III	Region 6	22	Leyte II Electric Cooperative, Inc.	LEYECO II	Region 8
7	Guimaras Electric Cooperative, Inc.	GUIMELCO	Region 6	23	Leyte III Electric Cooperative, Inc.	LEYECO III	Region 8
8	VMCR Rural Electric Service Cooperative, Inc.	VRESCO	Region 6	24	Leyte IV Electric Cooperative, Inc.	LEYECO IV	Region 8
9	Central Negros Electric Cooperative, Inc.	CENECO	Region 6	25	Leyte V Electric Cooperative, Inc.	LEYECO V	Region 8
10	Negros Occidental Electric Cooperative, Inc.	NOCECO	Region 6	26	Southern Leyte Electric Cooperative, Inc. ***	SOLECO	Region 8
11	Negros Oriental I Electric Cooperative, Inc.	NORECO I	Region 7	27	Biliran Island Electric Cooperative, Inc. **	BILECO	Region 8
12	Negros Oriental II Electric Cooperative, Inc.	NORECO II	Region 7	28	Northern Samar Electric Cooperative, Inc. ***	NORSAMELCO	Region 8
13	Bantayan Island Electric Cooperative, Inc. **	BANELCO	Region 7	29	Samar I Electric Cooperative, Inc. ***	SAMELCO I	Region 8
14	Cebu I Electric Cooperative, Inc.	CEBECO I	Region 7	30	Samar II Electric Cooperative, Inc. ***	SAMELCO II	Region 8
15	Cebu II Electric Cooperative, Inc.	CEBECO II	Region 7	31	Eastern Samar Electric Cooperative, Inc.	ESAMELCO	Region 8
16	Cebu III Electric Cooperative, Inc.	CEBECO III	Region 7				

\* with isolated grid

\*\* island grid served by NPC-SPUG and/or NPP

\*\*\* with islands served by NPC-SPUG

Mindanao							
1	Zamboanga Del Norte Electric Cooperative, Inc.	ZANECO	Region 9	18	Cotabato Electric Cooperative, Inc.	COTELCO	Region 12
2	Zamboanga Del Sur I Electric Cooperative, Inc.	ZAMSURECO I	Region 9	19	Sultan Kudarat Electric Cooperative, Inc. *	SUKELCO	Region 12
3	Zamboanga Del Sur II Electric Cooperative, Inc.	ZAMSURECO II	Region 9	20	Agusan Del Norte Electric Cooperative, Inc.	ANECO	CARAGA
4	Zamboanga City Electric Cooperative, Inc.	ZAMCELCO	Region 9	21	Agusan Del Sur Electric Cooperative, Inc.	ASELCO	CARAGA
5	Misamis Oriental I Electric Cooperative, Inc.	MORESCO I	Region 10	22	Siargao Island Electric Cooperative, Inc.	SIARELCO	CARAGA
6	Misamis Oriental II Electric Cooperative, Inc.	MORESCO 2	Region 10	23	Surigao Del Sur I Electric Cooperative, Inc.	SURSECO I	CARAGA
7	Misamis Occidental I Electric Cooperative, Inc.	MOELCI I	Region 10	24	Surigao Del Sur II Electric Cooperative, Inc.	SURSECO II	CARAGA
8	Misamis Occidental II Electric Cooperative, Inc.	MOELCI II	Region 10	25	Dinagat Island Electric Cooperative, Inc. **	DIELCO	CARAGA
9	First Bukidnon Electric Cooperative, Inc.	FIBECO	Region 10	26	Surigao Del Norte Electric Cooperative, Inc. ***	SURNECO	CARAGA
10	Bukidnon II Electric Cooperative, Inc.	BUSECO	Region 10	27	Tawi-Tawi Electric Cooperative, Inc. **	TAWELCO	ARMM
11	Camiguin Electric Cooperative, Inc.	CAMELCO	Region 10	28	Siasi Electric Cooperative, Inc. **	SIASELCO	ARMM
12	Lanao Del Norte Electric Cooperative, Inc.	LANECO	Region 10	29	Sulu Electric Cooperative, Inc. **	SULECO	ARMM
13	Davao Del Sur Electric Cooperative, Inc. *	DASURECO	Region 11	30	Maguindanao Electric Cooperative, Inc.	MAGELCO	ARMM
14	Davao Oriental Electric Cooperative, Inc.	DORECO	Region 11	31	Basilan Electric Cooperative, Inc. **	BASELCO	ARMM
15	Davao Del Norte Electric Cooperative, Inc. ***	DANECO	Region 11	32	Cagayan De Sulu Electric Cooperative, Inc. **	CASELCO	ARMM
16	South Cotabato I Electric Cooperative, Inc.	SOCOTECO I	Region 12	33	Lanao Del Sur Electric Cooperative, Inc.	LASURECO	ARMM
17	South Cotabato II Electric Cooperative, Inc.	SOCOTECO II	Region 12				
Private Investor-Owned Utilities and Local Government Unit-Owned Utilities in the Philippines							
PIOUs and LGUOUS		Acronym	Region	PIOUs and LGUOUS		Acronym	Region
LUZON							
1	Manila Electric Company	MERALCO	NCR	8	Ibaan Electric Corp.	IEEC	Region 4A
2	Angeles Electric Corporation	AEC	Region 3	9	Bauan Electric Light System	BELS	Region 4A
3	San Fernando Electric Light & Power Company, Inc.	SFELAPCO	Region 3	10	Corcuera Electric System **		Region 4B
4	Dagupan Electric Corporation	DECORP	Region 1	11	Public Utilities Department	PUD	Region 3
5	Tarlac Electric, Inc.	TEI	Region 3	12	Banton Electric System **		Region 4B
6	Cabanatuan Electric Corporation	CELCOR	Region 3	13	Concepcion Electric System **		Region 4B
7	La Union Electric Company, Inc.	LUECO	Region 1	14	Subic Enerzone Corporation	SEZ	Region 3
VISAYAS							
1	Visayan Electric Company, Inc.	VECO	Region 7	4	Mactan Electric Company	MECO	Region 7
2	Panay Electric Company, Inc.	PECO	Region 6	5	Hilabaan Multi-Purpose Coop.		Region 8
3	Bohol Light Company, Inc.	BLCI	Region 7	6	Maripipi Multi-Purpose Coop.		Region 8
MINDANAO							
1	Davao Light & Power Company, Inc.	DLPC	Region 11	4	Cotabato Light & Power Company, Inc.	COLIGHT	Region 12
2	Cagayan Electric Power & Light Company, Inc.	CEPALCO	Region 10	5	Bumbaran Electric Light System		ARMM
3	Iligan Light & Power, Inc.	ILPI	Region 10				

\* with isolated grid

\*\* island grid served by NPC-SPUG

\*\*\* with islands served by NPC-SPUG