



UPDATES ON POWER SECTOR POLICIES

ASSISTANT DIRECTOR IRMA C. EXCONDE

**E-Power Mo: “Empowering Filipinos Through Informed
Energy Plan and Policies”**

Grand Xing Imperial Hotel, Iloilo City

9 October 2018



Power Sector Roadmap Implementation Updates

Generation

Transmission

Distribution

Supply



**Missionary
Electrification**

**Household
Electrification**

**Market
Development**

**Institutional
Support
Mechanisms**



Power Sector Roadmap Implementation Updates

Generation



1 Performance Assessment and Audit

2 Pursuing the Entry of New and Emerging Technologies for Power Generation



Generation Roadmap Implementation Updates

1 Performance Assessment and Audit



JUNE 2018

- Performance Assessment and Audit in MASELCO



JULY 2018

- Performance Assessment and Audit in FICELCO



**4th QUARTER
2018**

- TOR for the Coordination Studies on Protection Systems and Assessment of ICTs for Off-Grid Areas
- Performance Assessment and Audit of Generating Facilities and Distribution Utilities
- Development of Accreditation Guidelines for 3rd Party Independent Auditor



Generation Roadmap Implementation Updates

2

Pursuing the Entry of New and Emerging Technologies for Power Generation

Energy Storage Systems

Adoption of Expanded Energy Storage System (ESS) for Operational Improvement of the Energy Industry

AUGUST 2018

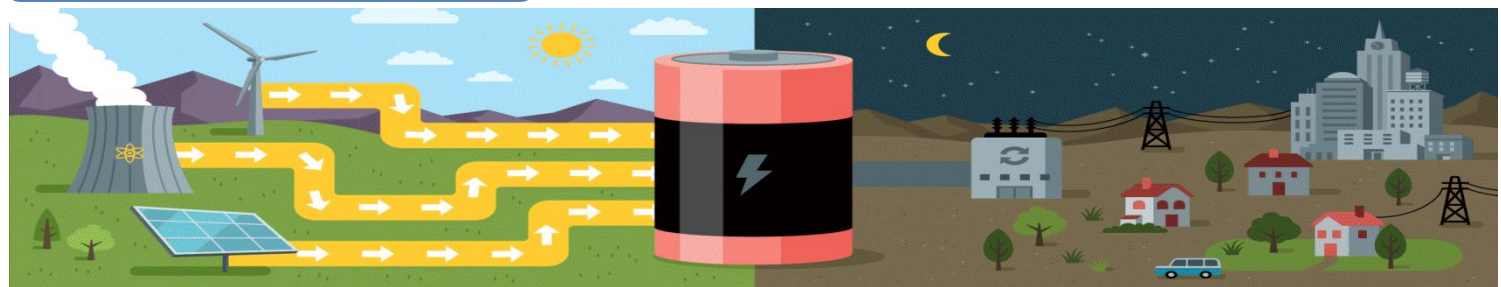
- Public Consultation in with Mindanao and Visayas Electric Power Industry Stakeholders

SEPTEMBER 2018

- Public Consultation with Luzon Electric Power Industry Stakeholders

4TH QUARTER 2018

- Issuance of Department Circular



Power Sector Roadmap Implementation Updates

Transmission



1

Timely Completion of Transmission Projects

2

Policies Towards Adequate Contracted Capacities for Reserves



Transmission Roadmap Implementation Updates

1

Timely Completion of Transmission Projects



Mindanao-Visayas Interconnection Project (2020)

MAY 2018

- Preparation of Bidding Documents

AUGUST 2018

- Start of Manufacturing and Delivery

**AUGUST-
OCTOBER 2018**

- ROW Acquisition

JANUARY 2019

- Start of Construction

DECEMBER 2020

- Target Commercial Operation

Source: NGCP Mindanao-Visayas Interconnection Project Presentation Material



Transmission Roadmap Implementation Updates

2

Policies Towards Adequate Contracted Capacities for Reserves

Ancillary Services

Policy on the Planning and Procurement of Ancillary Services

JUNE-JULY 2018

- Meetings with the attached agencies to evaluate the current status of Ancillary Services (AS)

**4TH QUARTER
2018**

- Formation of an AS-TWG which will be represented by members from the energy family, to assess proposals and harmonize the rules and regulations relating to AS

1ST QUARTER 2019

- Formulation of overall AS policy for promulgation by the DOE



Power Sector Roadmap Implementation Updates

Distribution



1

Integration of Policies in the New DDP Form

2

Competitive Selection Process (CSP)

3

Direct Connection Application Rules

4

Uniform Monthly Electricity Bill Format



Distribution Roadmap Implementation Updates

1 Integration of Policies in the New DDP Form and Manual



Competitive Selection Process (CSP)



Renewable Portfolio Standard (RPS)



Retail Competition and Open Access (RCOA)



Net Metering



Smart Grid Program



Green Energy Option Program (GEOP)



Resiliency Policy



Distribution Roadmap Implementation Updates

2 Competitive Selection Process (CSP)



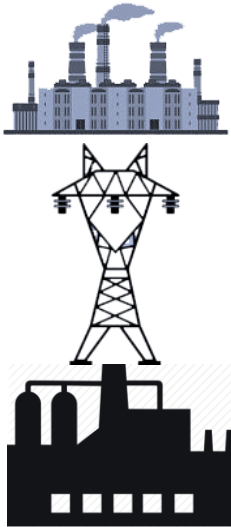
ONGOING ACTIVITIES

- Development of Interim CSP Portal
- Approval of TPBAC Selection Process of Captive Customers
- Continuous Review of Submitted Power Supply Procurement Plan
- Processing of Request for CSP Exemption



Distribution Roadmap Implementation Updates

3 Direct Connection Application Rules



“Prescribing the Rules Governing the Review and Evaluation of Direct Connection Applications of Industrial, Commercial, and other Electricity End-Users”

**FEBRUARY-
AUGUST 2018**

- Public Consultations on the Amendments of the House Rules

AUGUST 2018

- Promulgation of DOE Department Circular No. DC2018-08-0025

**ONGOING
ACTIVITIES**

- Evaluation of Direct Connection Applications



Distribution Roadmap Implementation Updates

4 Uniform Monthly Electricity Bill Format



“ Adopting Framework for Uniform Monthly Electricity Bill Format”

MAY-JUNE 2018

- Public Consultations on the Draft Framework Prescribing DUs a Uniform Bill Format

SEPTEMBER 2018

- Promulgation of DOE Department Circular No. DC 2018-09-0026



Power Sector Roadmap Implementation Updates

Household Electrification



- 1** Inclusion of Indigenous People (IP) as Host Communities
- 2** Amendment of Administration of Provision of Financial Benefits under ER 1-94, as Amended
- 3** Total Electrification Master Plan



Household Electrification Roadmap Implementation Updates

1 Inclusion of Indigenous People (IP) as Host Communities



Prescribing the Guidelines Recognizing the Rights of Indigenous Cultural Communities (ICCs)/Indigenous Peoples (IPs) in their Ancestral Domains and Access to the Financial Benefits as Host Communities under the ER 1-94 Program and Rule 29 (A) of the Implementing Rules and Regulations of Republic Act No. 9136, Otherwise Known as, "Electric Power Industry Reform Act of 2001"

MARCH 2018

- Issuance of DOE Department Circular No. DC2018-03-0005

APRIL 2018

- Publication of DOE Department Circular No. DC2018-03-0005

**APRIL-
SEPTEMBER 2018**

- Solicitation of Inputs on the Draft Administrative Operating Guidelines

OCTOBER 2018

- Issuance of the Administrative Operating Guidelines

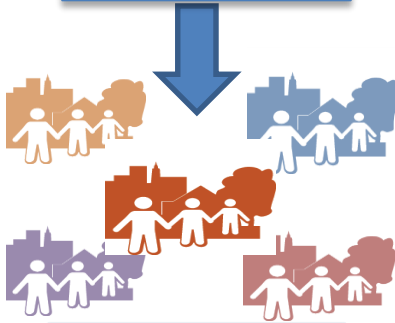


Household Electrification Roadmap Implementation Updates

2 Amendment of Administration of Provision of Financial Benefits under ER 1-94, As amended



(P0.01/kWh)



Host Communities

JUNE 2018

- Public Consultation with Stakeholders on the Draft Department Circular

AUGUST 2018

- Promulgation of DOE Department Circular (DC) No. DC2018-08-0021

AUGUST 2018 ONWARDS

- IEC Campaigns for the Implementation of the DC
- Public Consultations on the Draft Department Order (DO) on the Guidelines for the Transfer of Existing Fund to Host Beneficiaries

OCTOBER 2018

- Target Issuance of the DO



Household Electrification Roadmap Implementation Updates

3 Total Electrification Master Plan

Task Force E-POWER MO!



24 MAY 2018

- Department Order No. DO2018-05-0010 creating the “Task Force E-Power Mo” (TFEM) for the purpose of ensuring access to electricity for the communities that remains unserved and underserved by distribution utilities and electric cooperatives as mandated by their franchises.

LUZON: 94.8%

VISAYAS: 88.2%

MINDANAO: 70.8%



20.94 Million out of 23.7 Million households have electricity in the country

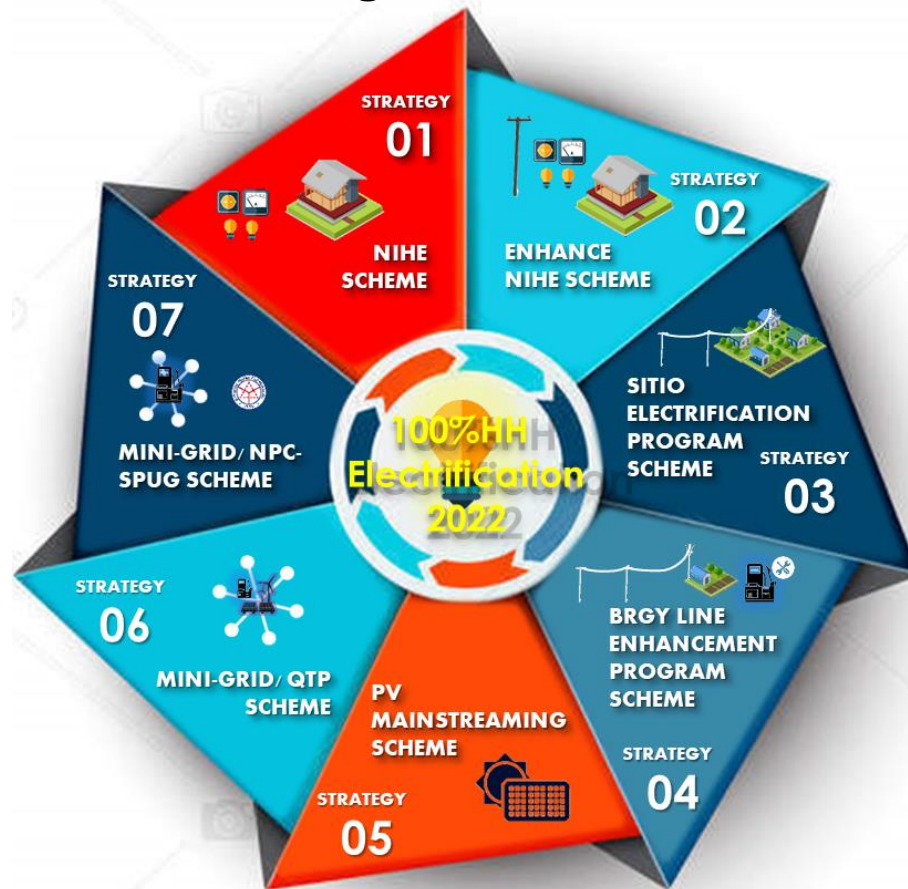
88.3% household electrification level



Household Electrification Roadmap Implementation Updates

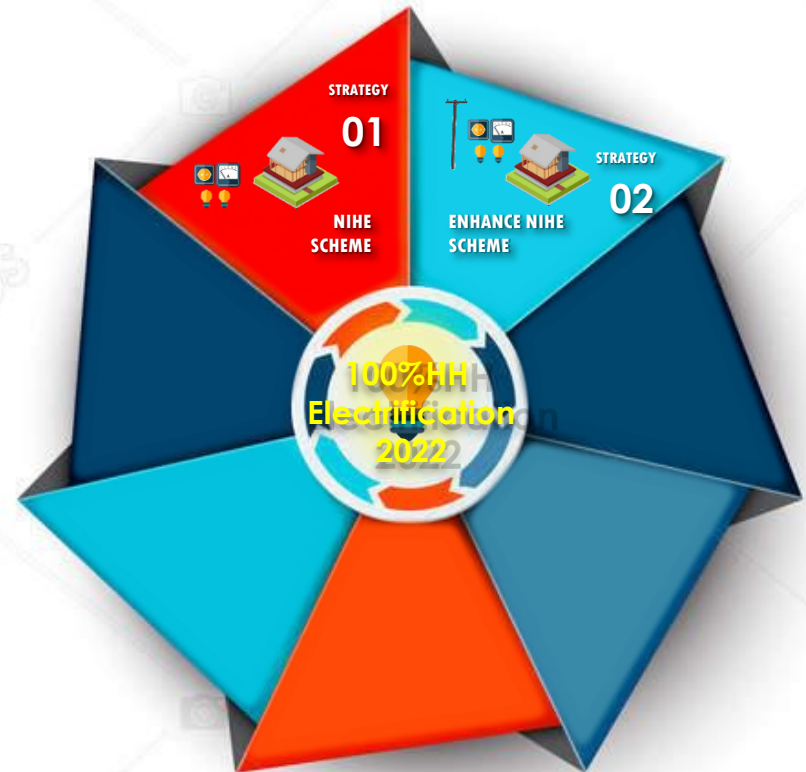
3 Total Electrification Master Plan

Electrification Strategies to Address Unserved Areas



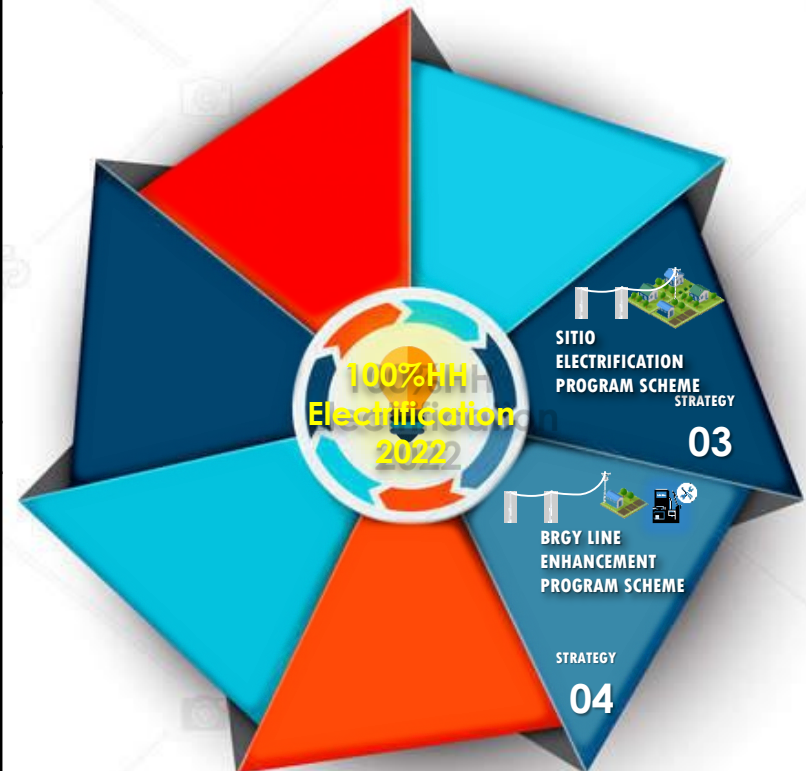
Household Electrification Strategies for Unserved Areas

Area/Household Configuration	Description of program
1. Nationwide Intensification of Household Electrification (NIHE) SCHEME	
Households situated in areas with existing distribution facility	Provision of housewiring subsidy including atleast 2 bulb and 1 convenience outlet, kWhr Meter and Service Drop
2. Enhanced NIHE SCHEME	
Households situated in areas with Existing distribution facility but requires additional 1-3 Poles (more than 30meters)	Aside from housewiring subsidy includes the provision of funding for required additional poles to household situated to distribution facilities of the DUs.



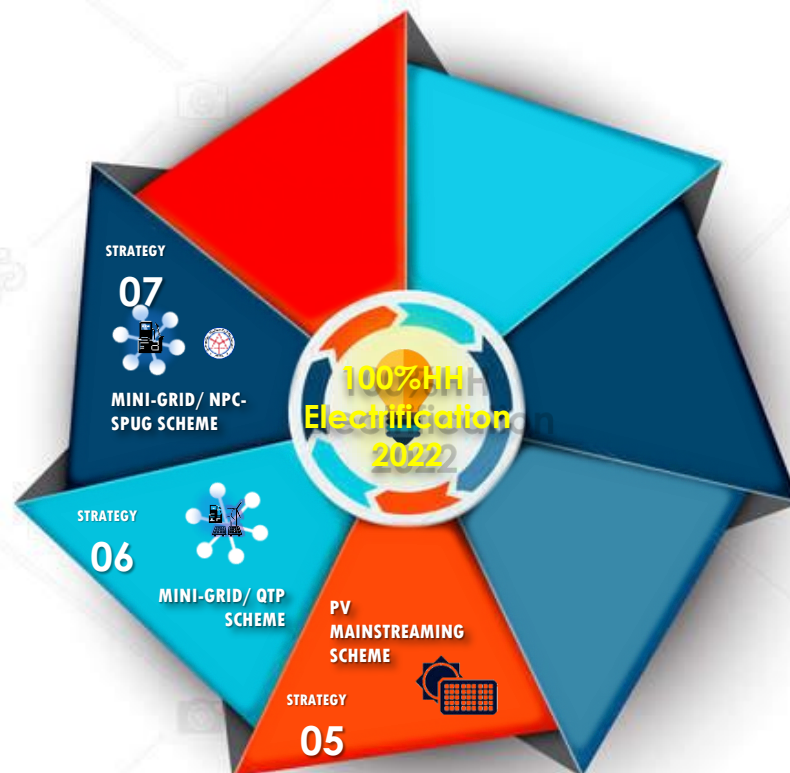
Grid Electrification Strategies for Unserved Areas

Area/Household Configuration	Description of program
3. Sitio Electrification Program (SEP)	
Clustered households that are viable for grid-extension to nearest tapping point of the ECs and don't have adverse impact on system loss	Provision of funding assistance to fund grid extension project to served areas
4. Barangay Line Enhancement Program (BLEP)	
Clustered households previously energized by off-grid solution that are feasible to grid-extension to nearest tapping point and also the hh situated in a grid-able island or isolated mainland area	Provision of funding assistance to fund grid extension project including: <ol style="list-style-type: none"> 1. Overhead lines, 2. Submarine Cable 3. Enhancement/Upgrading of Distribution lines



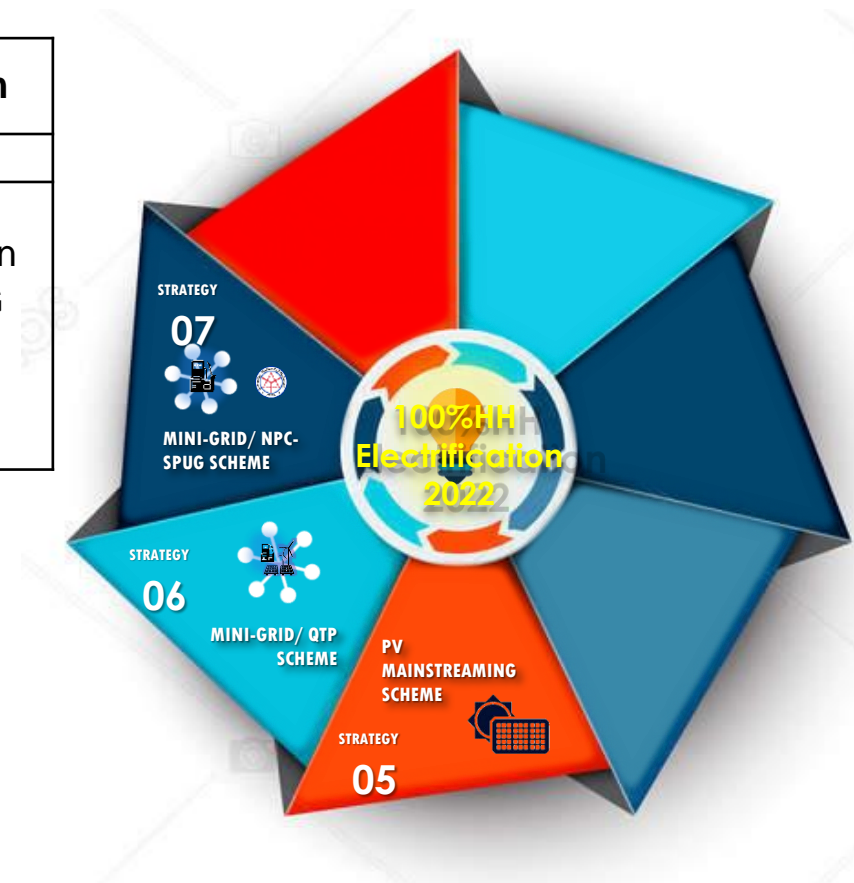
Off-grid Electrification Strategies for Unserved Areas

Area/Household Configuration	Description of program
5. PV MAINSTREAMING SCHEME	
Dispersed households are not feasible to grid extension to nearest tapping point and not a contiguous area and unviable to extend the line	Provision of individual PVSHS to household that can provide lighting and charger capability. <ol style="list-style-type: none"> 1. PVM- EU funded 2017-2019 2. Continue the program Budget 2019
6. MINI-GRID/ Qualified Third Party (QTP) SCHEME	
Clustered households that are not feasible to grid extension to nearest tapping point and in n contiguous area Viable for mini-grid system	Provision funding for Generation and Distribution Component for Mini-grid. Entry of Private Sector in the form of QTP



Off-grid Electrification Strategies for Unserved Areas

Area/Household Configuration	Description of program
NPC-SPUG MINI-GRID SCHEME	
Clustered (contiguous) households that are not feasible to grid extension to nearest tapping point and Viable for mini-grid system under QTP Program	Provision funding for Generation and Distribution Component to NPC-SPUG



Power Sector Roadmap Implementation Updates

Missionary Electrification



1 Omnibus Policy

2 Qualified Third Party Program

3 Renewable Portfolio Standards (RPS)
Off-Grid



Missionary Electrification Roadmap Implementation Updates

1 Omnibus Policy



“Prescribing the Omnibus Guidelines in Ensuring the Security, Reliability, Adequacy, Quality and Affordability of Electric Power Services in Missionary Electrification Through Greater Private Sector Participation, Compliance to Technical Standards and Adoption of Appropriate Tariff and Subsidy Policies”

SEPTEMBER 2018

- Focus Group Discussion with Attached Agencies

OCTOBER 2018

- Public Consultations in Luzon, Visayas and Mindanao

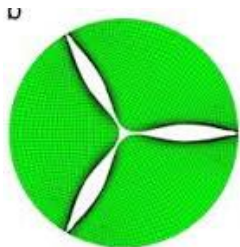
**4TH QUARTER
2018**

- Issuance of the Department Circular



Missionary Electrification Roadmap Implementation Updates

2 Qualified Third Party Program



An Overview and the Draft Amended Circular on the Qualification and Participation of Qualified Third Party in Performing Missionary Electrification

AUGUST 2017

- Policy Study on Encouraging Private Sector Participation Through Policy Reforms in Off-Grid Areas

AUGUST 2017

- Policy Study on Improving Regulatory Governance for Qualified Third Party (QTP) and New Power Providers (NPP)

JUNE-JULY 2018

- Public Consultations on the Draft Amended Circular on QTP Operations



Missionary Electrification Roadmap Implementation Updates

3

Renewable Portfolio Standards (RPS) Off-Grid



Promulgating the Rules and Guidelines Governing the Establishment of the Renewable Portfolio Standards for Off-Grid Areas

**OCTOBER 2017 -
JULY 2018**

- FGDs and Public Consultations in Luzon, Visayas and Mindanao with Off-Grid Stakeholders

AUGUST 2018

- Issuance of DOE Department Circular No. DC2018-08-0024

4th QUARTER 2018

- Roll-Out Program



Power Sector Roadmap Implementation Updates

Market Development



1 Establishment of WESM Mindanao

2 Transition to the Independent Market Operator (IMO)

3 WESM Design Enhancements / New Market Management System

4 Smart Grid



Power Sector Roadmap Implementation Updates

Market Development



5 Green Energy Option Program (GEOP)

6 Renewable Portfolio Standards (RPS)
On-Grid

7 Embedded Generators and Self-Generating Facilities



Market Development Roadmap Implementation Updates

1 Establishment of WESM Mindanao



**JULY 2017
ONWARDS**

- Ongoing Trial Operations

**1ST QUARTER
2019**

- Readiness Certification by PEMC

**2ND QUARTER
2019**

- Target Commercial Operation



Market Development Roadmap Implementation Updates

2 Transition to the Independent Market Operator (IMO)



JANUARY 2018

- Promulgation of Department Circular No. DC2018-01-0002

SEPTEMBER 2018

- Signing of IMO Operating Agreement
- Appointment of the Independent Electricity Market Operator of the Philippines, Inc. (IEMOP)



Market Development Roadmap Implementation Updates

3 WESM Design Enhancements / New Market Management System (NMMS)



- Preparations for the implementation of the enhanced WESM design and the commercial operations of the NMMS.
- Ongoing Trial Operations Program for the Market Operator and the trading participants from all three regions, Luzon, Visayas, and Mindanao, to familiarize and prepare themselves for the changes expected under the enhanced WESM design.

**1ST QUARTER
2019**

- Readiness Certification by PEMC

**2ND QUARTER
2019**

- Target Commercial Operation



Market Development Roadmap Implementation Updates

4 Smart Grid



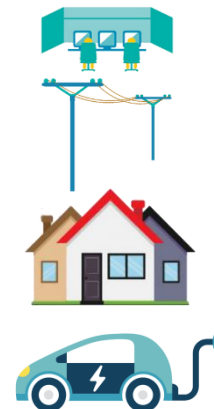
**AUGUST -
SEPTEMBER 2018**

- Focus Group Discussions on the Proposed Smart Grid Roadmap for Distribution Utilities



**OCTOBER -
DECEMBER 2018**

- Public Consultations for the Draft Department Circular on Smart Grid



**1ST QUARTER
2019**

- Issuance of Department Circular and Roadmap



Market Development Roadmap Implementation Updates

5 Green Energy Option Program (GEOP)



Promulgating the Rules and Guidelines Governing the Establishment of Green Energy Option Program Pursuant to Section 9 of Renewable Energy Act of 2008.



JULY 2018

- Promulgation of Department Circular No. DC2018-07-0019



Market Development Roadmap Implementation Updates

6

Renewable Portfolio Standards (RPS) On-Grid



Promulgating the Rules and Guidelines Governing the Establishment of the Renewable Portfolio Standards for On-Grid Areas



DECEMBER 2017

- Promulgation of Department Circular No. DC2017-12-0015 for On-Grid Areas

**APRIL -
SEPTEMBER 2018**

- RPS Roll-Out for the Implementation of RPS On-Grid

**ONGOING
ACTIVITIES**

- Ongoing Review of the Department Circular



Market Development Roadmap Implementation Updates

7

Embedded Generator and Self-Generating Facilities



Department Circular (DC) on Embedded Generators and Self Generating Facilities

MAY TO JUNE 2018

- Focus Group Discussions with Stakeholders

AUGUST TO SEPTEMBER 2018

- Public Consultations on the Draft DC

4TH QUARTER 2018

- Target Issuance of the DC



Power Sector Roadmap Implementation Updates

Institutional Support Mechanisms



1 EPIRA Implementation

2 E Power Mo!

3 Information, Education and Communication Campaigns



Institutional Support Mechanisms Roadmap Implementation Updates

1

EPIRA Implementation



Proposed Amended Rules and Regulations of EPIRA

**AUGUST-
SEPTEMBER
2018**

- Public Consultation in Cebu City, Metro Manila and Cagayan De Oro City

**4TH QUARTER
2018**

- Target Issuance of the Proposed Amended Rules and Regulations of EPIRA



Institutional Support Mechanisms Roadmap Implementation Updates

2

E-Power Mo



Energy-Wide Information, Education, and Communication Campaign

APRIL 2018

- Baguio City

JUNE 2018

- DOE Main Office, Taguig City

OCTOBER 2018

- Iloilo City

NOVEMBER 2018

- Cagayan De Oro City



Institutional Support Mechanisms Roadmap Implementation Updates

3

Information, Education, and Communication Campaign



Section. 76 of Republic Act 9136.

To inform the electricity end-users and the public on the activities and accomplishments relative to the implementation of the EPIRA, the DOE continues to conduct information and education campaign.





End of Presentation

Thank You!



(+632) 808-9211



iexconde@gmail.com



www.doe.gov.ph



<https://web.facebook.com/doe.gov.ph>



@doe_ph

