

AWARDED GEOTHERMAL PROJECTS as of December 31, 2017

| ISLAND / GRID | LOCATION (REGION) | LOCATION (PROVINCE) | LOCATION (CITY / MUNICIPALITY) | PROJECT NAME | COMPANY NAME | STATUS | POTENTIAL CAPACITY (MWe) | INSTALLED CAPACITY (MWe) |
|---------------|-------------------|------------------------------------|---|--|---|--|--------------------------|--------------------------|
| LUZON | CAR | Abra | Sal-lapadan, Licuan, Bucloc, Boliney, Tubo, Luba, Manabo, Daguioman | Sal-lapadan-Boliney-Bucloc-Tubo Geothermal Power Project | Pan Pacific Power Phils. Corp. | <p>COMPLIANT:</p> <p>4. RE Safety, Health & Environment Rules & Regulations</p> <p>6. Ongoing completion of permits</p> <p>NON-COMPLIANT:</p> <p>1. Work Program</p> <p>2. Performance Bond</p> <p>3. Reportorial obligations</p> <p>5. Abandonment & Termination Plan Plan</p> | 0.00 | 0.00 |
| | | Benguet / Nueva Ecija | Bokod, Kayapa, Kabayan | Daklan Geothermal Project | Clean Rock Renewable Energy Resources Corporation | <p>COMPLIANT:</p> <p>-----</p> <p>NON-COMPLIANT:</p> <p>1. Work Program</p> <p>2. Performance Bond</p> <p>3. Reportorial obligations</p> <p>4. RE Safety, Health & Environment Rules & Regulations</p> <p>5. Abandonment & Termination Plan Plan</p> <p>6. Ongoing completion of permits</p> | 60.00 | 0.00 |
| | | Ifugao, Benguet, Mountain Province | Buguias, Bakun, Kibungan, Mankayan, Tadian, Bauko, Sabangan, Hungduan and Tinoc | East Mankayan Geothermal Power Project | Basic Energy Corp. | <p>COMPLIANT:</p> <p>1. Work Program</p> <p>2. Performance Bond</p> <p>3. Reportorial obligations</p> <p>6. Ongoing completion of permits</p> <p>NON-COMPLIANT:</p> <p>4. RE Safety, Health & Environment Rules & Regulations</p> <p>5. Abandonment & Termination Plan Plan</p> | 0.00 | 0.00 |
| | | Kalinga | Lubuagan, Tinglayan, Pasil | Kalinga Geothermal Project | Aragorn Power and Energy Corporation | <p>COMPLIANT:</p> <p>1. Work Program</p> <p>2. Performance Bond</p> <p>3. Reportorial obligations</p> <p>4. RE Safety, Health & Environment Rules & Regulations</p> <p>6. Ongoing completion of permits</p> <p>NON-COMPLIANT:</p> <p>5. Abandonment & Termination Plan Plan</p> | 120.00 | 0.00 |

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| LUZON | I | Ilocos Sur / Mt. Province / Benguet | Cervantes, Alilem, Suyo, Sigay, Gregorio del Pilar, Quirino, Bakun, Mankayan, Besao, Tadian | Cervantes Geothermal Power Project | Pan Pacific Power Phils. Corp. | COMPLIANT: 1. Work Program 2. Performance Bond 4. RE Safety, Health & Environment Rules & Regulations 6. Ongoing completion of permits NON-COMPLIANT: 3. Reportorial obligations 5. Abandonment & Termination Plan Plan | 0.00 | 0.00 |
| | II | Cagayan | Sta. Ana, Gonzaga, Lal-lo | Cagua-Baua Geothermal Power Project | Pan Pacific Power Phils. Corp. | COMPLIANT: 1. Work Program 2. Performance Bond 4. RE Safety, Health & Environment Rules & Regulations 6. Ongoing completion of permits NON-COMPLIANT: 3. Reportorial obligations 5. Abandonment & Termination Plan Plan | 45.00 | 0.00 |
| | III | Bataan | Bagac, Orion, Limay | Mariveles Geothermal Power Project | Basic Energy Corp. | COMPLIANT: 1. Work Program 2. Performance Bond 3. Reportorial obligations 6. Ongoing completion of permits NON-COMPLIANT: 4. RE Safety, Health & Environment Rules & Regulations 5. Abandonment & Termination Plan Plan | 0.00 | 0.00 |
| | | | Morong, Bagac, Balanga, Abucay, Samal, Hermosa | Mt. Natib Geothermal Project | Clean Rock Renewable Energy Resources Corporation | COMPLIANT: ----- NON-COMPLIANT: 1. Work Program 2. Performance Bond 3. Reportorial obligations 4. RE Safety, Health & Environment Rules & Regulations 5. Abandonment & Termination Plan Plan 6. Ongoing completion of permits | 40.00 | 0.00 |
| | | Zambales, Pampanga | Botolan, San Marcelino, Porac, Florida Blanca | Negron-Cuadrado Geothermal Power Project | Negron Cuadrado Geothermal Inc. | Under evaluation of GSC expiration | 0.00 | 0.00 |

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| LUZON | IV-A | Batangas | Mabini | Mabini Geothermal Project | Basic Energy Corp. | COMPLIANT: 1. Work Program 3. Reportorial obligations 4. RE Safety, Health & Environment Rules & Regulations 6. Ongoing completion of permits NON-COMPLIANT: 2. Performance Bond 5. Abandonment & Termination Plan Plan *with application for suspension of obligations due to Force Majeure | 20.00 | 0.00 |
| | | | San Juan, Rosario, Lobo, Taysan | San Juan Geothermal Power Project | San Juan Geothermal Power Inc. | COMPLIANT: 1. Work Program 3. Reportorial obligations 4. RE Safety, Health & Environment Rules & Regulations 6. Ongoing completion of permits NON-COMPLIANT: 2. Performance Bond 5. Abandonment & Termination Plan Plan | 20.00 | 0.00 |
| | | | Batangas / Laguna | Bay, Los Banos, Calauan; Santo Tomas | Makban Geothermal Power Project | Philippine Geothermal Production Company, Inc. | COMPLIANT: 1. Work Program 3. Reportorial obligations 4. RE Safety, Health & Environment Rules & Regulations NON-COMPLIANT: ----- NOT APPLICABLE: 2. Performance Bond 5. Abandonment & Termination Plan Plan - submission 5 years prior to the expiration of GRESC | 0.00 |

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| LUZON | IV-A | Batangas / Laguna | Calauan, Bay | Mak-Ban Geothermal Power Plant | AP Renewables, Inc. | <p>COMPLIANT:</p> <p>1.Work Program</p> <p>3. Reportorial obligations</p> <p>4. RE Safety, Health & Environment Rules & Regulations</p> <p>NON-COMPLIANT:</p> <p>-----</p> <p>NOT APPLICABLE:</p> <p>2. Performance Bond</p> <p>5. Abandonment & Termination Plan Plan - submission 5 years prior to the expiration of GREOC</p> | 0.00 | 458.53 | |
| | | | Santo Tomas, Los Baños, Calamba | Maibarara Geothermal Project | Maibarara Geothermal Inc. | <p>COMPLIANT:</p> <p>1.Work Program</p> <p>4. RE Safety, Health & Environment Rules & Regulations</p> <p>NON-COMPLIANT:</p> <p>3. Reportorial obligations</p> <p>NOT APPLICABLE:</p> <p>2. Performance Bond</p> <p>5. Abandonment & Termination Plan Plan - submission 5 years prior to the expiration of GRESC</p> | 0.00 | 20.00 | |
| | | | Laguna | Calamba, Los Baños, Bay, Calauan, San Pablo, Rizal and Nagcarlan | Mt. Puting Lupa Geothermal Project | Filtech Energy Drilling Corp. | <p>COMPLIANT:</p> <p>-----</p> <p>NON-COMPLIANT:</p> <p>1.Work Program</p> <p>2. Performance Bond</p> <p>3. Reportorial obligations</p> <p>4. RE Safety, Health & Environment Rules & Regulations</p> <p>5. Abandonment & Termination Plan Plan</p> <p>6. Ongoing completion of permits</p> <p>*with application for suspension of obligations due to Force Majeure</p> | 0.00 | 0.00 |
| | | | Laguna / Quezon | Sampaloc, Mauban, Tayabas, Lucban, Pagbilao, Sariaya, Lucena; Luisiana, Majayjay, Liliw, Nagcarlan | Tayabas - Lucban Geothermal Power Project | Tayabas Geothermal Power Inc. | <p>COMPLIANT:</p> <p>1.Work Program</p> <p>3. Reportorial obligations</p> <p>4. RE Safety, Health & Environment Rules & Regulations</p> <p>6. Ongoing completion of permits</p> <p>NON-COMPLIANT:</p> <p>2. Performance Bond</p> <p>5. Abandonment & Termination Plan Plan</p> | 0.00 | 0.00 |

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| LUZON | IV-A | Laguna / Quezon / Batangas | Alaminos, San Pablo, Tiaong, San Antonio, Lipa City, Sto. Tomas | Tiaong Geothermal Power Project | Tiaong Geothermal Power Corp. | <p>COMPLIANT:</p> <p>1. Work Program</p> <p>3. Reportorial obligations</p> <p>4. RE Safety, Health & Environment Rules & Regulations</p> <p>6. Ongoing completion of permits</p> <p>NON-COMPLIANT:</p> <p>2. Performance Bond</p> <p>5. Abandonment & Termination Plan Plan</p> | 0.00 | 0.00 |
| | | Rizal | Binangonan and Cardona | Talim Geothermal Power Project | Alco Steam Energy Corp. | <p>COMPLIANT:</p> <p>1. Work Program</p> <p>3. Reportorial obligations</p> <p>4. RE Safety, Health & Environment Rules & Regulations</p> <p>6. Ongoing completion of permits</p> <p>NON-COMPLIANT:</p> <p>2. Performance Bond</p> <p>5. Abandonment & Termination Plan Plan</p> | 0.00 | 0.00 |
| | IV-B | Oriental Mindoro | Naujan | Montelago Geothermal Project | Mindoro Geothermal Power Corp. | <p>COMPLIANT:</p> <p>1. Work Program</p> <p>2. Performance Bond</p> <p>3. Reportorial obligations</p> <p>4. RE Safety, Health & Environment Rules & Regulations</p> <p>NON-COMPLIANT:</p> <p>5. Abandonment & Termination Plan Plan</p> | 40.00 | 0.00 |
| | V | Albay | Tiwi | Tiwi Geothermal Power Plant | AP Renewables, Inc. | <p>COMPLIANT:</p> <p>1. Work Program</p> <p>3. Reportorial obligations</p> <p>4. RE Safety, Health & Environment Rules & Regulations</p> <p>NON-COMPLIANT:</p> <p>-----</p> <p>NOT APPLICABLE:</p> <p>2. Performance Bond</p> <p>5. Abandonment & Termination Plan Plan - submission 5 years prior to the expiration of</p> | 0.00 | 234.00 |

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| LUZON | V | Albay | Tiwi, Malinao | Tiwi Geothermal Power Project | Philippine Geothermal Production Company, Inc. | <p>COMPLIANT:</p> <p>1. Work Program</p> <p>3. Reportorial obligations</p> <p>4. RE Safety, Health & Environment Rules & Regulations</p> <p>NON-COMPLIANT:</p> <p>-----</p> <p>NOT APPLICABLE:</p> <p>2. Performance Bond</p> <p>5. Abandonment & Termination Plan Plan - submission 5 years prior to the expiration of GRESC</p> | 0.00 | 0.00 |
| | | Camarines Sur / Albay | Tigaon, Ocampo, Baao, Nabua, Buhi, Polangui, Sagnay | Iriga Geothermal Power Project | DESCO, Inc. | <p>COMPLIANT:</p> <p>1. Work Program</p> <p>2. Performance Bond</p> <p>3. Reportorial obligations</p> <p>6. Ongoing completion of permits</p> <p>NON-COMPLIANT:</p> <p>4. RE Safety, Health & Environment Rules & Regulations</p> <p>5. Abandonment & Termination Plan Plan</p> | 0.00 | 0.00 |
| | | Sorsogon | Bulusan, Irosin, Barcelona, Gubat, Casiguran, Juban, Bulan | Southern Bicol Geothermal Project | SKI Construction Group Inc. | Under evaluation of pending request for term extension | 40.00 | 0.00 |
| | | | Magallanes, Juban, Irosin, sta. Magdalena, Bulusan and Matnog | West Bulusan Geothermal Power Project | Basic Energy Corp. | <p>COMPLIANT:</p> <p>-----</p> <p>NON-COMPLIANT:</p> <p>1. Work Program</p> <p>2. Performance Bond</p> <p>3. Reportorial obligations</p> <p>4. RE Safety, Health & Environment Rules & Regulations</p> <p>5. Abandonment & Termination Plan Plan</p> <p>6. Ongoing completion of permits</p> | 0.00 | 0.00 |

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| LUZON | V | Sorsogon / Albay | Bacon; Manito | Bacon Manito Geothermal Power Plant | Bac-man Geothermal Inc. | <p>COMPLIANT:</p> <p>1. Work Program</p> <p>3. Reportorial obligations</p> <p>4. RE Safety, Health & Environment Rules & Regulations</p> <p>NON-COMPLIANT:</p> <p>----</p> <p>NOT APPLICABLE:</p> <p>2. Performance Bond</p> <p>5. Abandonment & Termination Plan Plan - submission 5 years prior to the expiration of GREOC</p> | 0.00 | 140.00 |
| | | | Manito, Bacon, Sorsogon, Castilla | Bacon-Manito Geothermal Production Field | Energy Development Corporation | <p>COMPLIANT:</p> <p>1. Work Program</p> <p>3. Reportorial obligations</p> <p>4. RE Safety, Health & Environment Rules & Regulations</p> <p>NON-COMPLIANT:</p> <p>----</p> <p>NOT APPLICABLE:</p> <p>2. Performance Bond</p> <p>5. Abandonment & Termination Plan Plan - submission 5 years prior to the expiration of GREOC</p> | 0.00 | 0.00 |
| LUZON Sum | | | | | | | 385.00 | 852.53 |
| VISAYAS | VIII | Biliran | Kawayan, Almeria, Naval, Biliran, Cabucgayan, Caibiran, Culaba | Biliran Geothermal Project | Biliran Geothermal Incorporated | <p>COMPLIANT:</p> <p>1. Work Program</p> <p>3. Reportorial obligations</p> <p>4. RE Safety, Health & Environment Rules & Regulations</p> <p>NON-COMPLIANT:</p> <p>----</p> <p>NOT APPLICABLE:</p> <p>2. Performance Bond - To be required during construction stage</p> <p>5. Abandonment & Termination Plan Plan - submission 5 years prior to the expiration of GREOC</p> | 50.00 | 0.00 |

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| VISAYAS | VIII | Leyte | cariaga, jaro, pastrana, dagami, burauen, la paz, macarthur, javier, baybay, albuena, ormoc, kananga, capoocan | Tongonan Geothermal Production Field | Energy Development Corporation | COMPLIANT: 1. Work Program 3. Reportorial obligations 4. RE Safety, Health & Environment Rules & Regulations NON-COMPLIANT: ----- NOT APPLICABLE: 2. Performance Bond 5. Abandonment & Termination Plan Plan - submission 5 years prior to the expiration of GRESC | 0.00 | 610.18 |
| | | | Ormoc, Kananga | Tongonan 1 Geothermal Power Plants | Green Core Geothermal Inc. | COMPLIANT: 1. Work Program 3. Reportorial obligations 4. RE Safety, Health & Environment Rules & Regulations NON-COMPLIANT: ----- NOT APPLICABLE: 2. Performance Bond 5. Abandonment & Termination Plan Plan - submission 5 years prior to the expiration of GREOC | 0.00 | 112.50 |
| | Negros Island Region | Negros Occidental | Bago, Murcia | Northern Negros Geothermal Production Field | Energy Development Corporation | COMPLIANT: 1. Work Program 3. Reportorial obligations 4. RE Safety, Health & Environment Rules & Regulations NON-COMPLIANT: 5. Abandonment & Termination Plan Plan NOT APPLICABLE: 2. Performance Bond | 0.00 | 0.00 |
| | | | Cadiz, Sagay, Calatrava, Salvado Benedicto, Murcia, Bacolod, Talisay, Silay, Enrique magalona, Victorias, Manapia | Mandalagan Geothermal Prospect | Energy Development Corporation | Under evaluation of GSC expiration | 20.00 | 0.00 |

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| VISAYAS | Negros Island Region | Negros Oriental | amlan, pamplona, sibulan, valencia, bacong, dauin, zamboanguita, siaton | Southern Negros Geothermal Production Field | Energy Development Corporation | COMPLIANT: 1. Work Program 3. Reportorial obligations 4. RE Safety, Health & Environment Rules & Regulations NON-COMPLIANT: ----- NOT APPLICABLE: 2. Performance Bond 5. Abandonment & Termination Plan Plan - submission 5 years prior to the expiration of GRESC | 0.00 | 30.00 |
| | | | Valencia | Palinpinon Geothermal Power Plants | Green Core Geothermal Inc. | COMPLIANT: 1. Work Program 3. Reportorial obligations 4. RE Safety, Health & Environment Rules & Regulations NON-COMPLIANT: ----- NOT APPLICABLE: 2. Performance Bond 5. Abandonment & Termination Plan Plan - submission 5 years prior to the expiration of | 0.00 | 192.50 |
| | VIII | Biliran | Kawayan, Almeria, Culaba & Naval | Biliran 2 Geothermal Power Project | Biliran Geothermal Incorporated | COMPLIANT: 4. RE Safety, Health & Environment Rules & Regulations 6. Ongoing completion of permits NON-COMPLIANT: 1. Work Program 2. Performance Bond 3. Reportorial obligations 5) Abandonment & Termination Plan Plan | 0.00 | 0.00 |
| | | Southern Leyte | Hinunduyan, Anahawan, San Juan | Southern Leyte Geothermal Power Project | Repower Energy Development Corporation | COMPLIANT: 1. Work Program 2. Performance Bond 3. Reportorial obligations 4. RE Safety, Health & Environment Rules & Regulations 5. Abandonment & Termination Plan Plan 6. Ongoing completion of permits NON-COMPLIANT: ---- | 40.00 | 0.00 |
| VISAYAS Sum | | | | | | | 110.00 | 945.18 |

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| MINDANAO | X | Misamis Oriental / Bukidnon | Balingoan, Talisayan, Medina, Gigoog City, Claveria, Impausong, Malitbog, Villanueva, Jasaan, Balingasag, Logonglong, Salay, Sugbongcogon, Kinoguitan | Balatukan-Balingasag Geothermal Prospect | Energy Development Corporation | Under Suspension of Obligations due to Force Majeure | 20.00 | 0.00 |
| | | North Cotabato / Davao del Sur | Kidapawan City | Mt. Apo Geothermal Production Field | Energy Development Corporation | COMPLIANT: 1. Work Program 2. Performance Bond for year 3 for the extended area 3. Reportorial obligations 4. RE Safety, Health & Environment Rules & Regulations NON-COMPLIANT: ----- NOT APPLICABLE: 5. Abandonment & Termination Plan Plan - submission 5 years prior to the expiration of GRESC | 0.00 | 108.48 |
| | XI | Compostella Valley | Nabunturan, New Bataan, Maco, Mabini, Maragusan (San Mariano), Mawab and Pantukan | Amacan Geothermal Power Project | Energy Development Corporation | COMPLIANT: 1. Work Program 2. Performance Bond 3. Reportorial obligations 4. RE Safety, Health & Environment Rules & Regulations 5) Abandonment & Termination Plan Plan 6. Ongoing completion of permits *with application for suspension of obligations due to force majeure | 40.00 | 0.00 |
| | | Davao del Sur | Sta. Cruz, Digos City and Davao City | Mt. Sibulan-Kapatagan Geothermal Power Project | Mount Apo Geopower, Inc. | Under evaluation of GSC expiration | 0.00 | 0.00 |
| | XI / XII | North Cotabato / Davao del Sur | Santa Cruz, makilala, Magpet | Mt. Zion Geothermal Power Project | Energy Development Corporation | Under evaluation of GSC expiration | 20.00 | 0.00 |
| | | | | Mt. Zion 2 Geothermal Power Project | Energy Development Corporation | COMPLIANT: 1. Work Program 2. Performance Bond 3. Reportorial obligations 4. RE Safety, Health & Environment Rules & Regulations 5. Abandonment & Termination Plan Plan 6. Ongoing completion of permits NON-COMPLIANT: ----- | 0.00 | 0.00 |
| MINDANAO Sum | | | | | | | 80.00 | 108.48 |
| Grand Total | | | | | | | 575.00 | 1906.19 |