<table>
<thead>
<tr>
<th>Name of the Project</th>
<th>Project Proponent</th>
<th>Location</th>
<th>Rated Capacity (MW)</th>
<th>Project Status</th>
</tr>
</thead>
<tbody>
<tr>
<td>Indicative H &amp; WB Pacific Coal-Fired Power Plant</td>
<td>H &amp; WB Asia Pacific (PTE LTD) CO.</td>
<td>Jose Panganiban, Camarines Norte</td>
<td>700</td>
<td>Unit 1 - 4th Quarter 2022 (Up to 1st half 2023) Subject to demand and supply status in Luzon Grid</td>
</tr>
<tr>
<td>Indicative SIRPGC 2x500MW Coal-Fired Power Plant Project</td>
<td>St. Raphael Power Generation Corp.</td>
<td>Brgg. San Rafael, Calaca, Batangas</td>
<td>700</td>
<td>Unit 1 - 4th Quarter 2022 (Up to 1st half 2023) Subject to demand and supply status in Luzon Grid</td>
</tr>
<tr>
<td>Indicative 2x660 MW KEPCO Pangasinan Coal-Fired Power Plant</td>
<td>KEPCO Philippines Corporation</td>
<td>Saul, Pangasinan</td>
<td>1200</td>
<td>September 2023</td>
</tr>
</tbody>
</table>

**% Feasibility Study:**
- Pre-feasibility studies have concluded to determine the viability of the project. Completed in 2014
- Feasibility study is expected to be completed by the end of 2016

**Arrangement for Securing the Required Land:**
- Land already secured and it has been re-classified as industrial, being surveyed for titling (6/12/2015)

**Marketing of Generating Capacities:**
- On-going negotiations with Meralco and Electric Cooperatives will be held on 3rd week of March
- Meralco programs PSA March 20, 2015
- Meralco is reviewing the term sheet provided by Meralco

**Permits and Other Regulatory Requirements:**
- Issued clearance to ex-ander 660 kV on February 12, 2015
- On-going securing of permits and other regulatory requirements
- LGU endorsement secured 10 June 2014
- NCP issued "Offer of Service" for SIS on 26 March 2015; completed on 13 September 2015
- Currently undergoing NCP's review process
- On-going processing of EEC requirements
- Environmental Impact Assessment will be submitted in the 1st Quarter of 2016
- Issued with NCP Certificate of Non-Overlap 2 August 2016

**Financing Arrangements:**
- On-going discussions with major banks and capital companies for debt financing
- Construction Contracts for Plants and Equipment
  - Ongoing discussions with four potential co-developers and major partners
  - Ongoing sourcing of potential EPC Contractors

**Commencement of Construction:**
- Construction Tom commence on the 4th Quarter 2017

**Permits and Other Regulatory Requirements:**
- Issued with SIS 1 August 2017 (DOE-FRM-SE No. 2017-07-004)
FEASIBILITY STUDY:
- Final Feasibility - Dec 2016; Additional FS - August 2017 (On-going)

ARRANGEMENT FOR SECURING THE REQUIRED LAND:
- Ongoing;位紳;Application and Completion of Land Conversions - 2nd Q 2019

**MARKETING OF GENERATING CAPACITIES**
- Preliminary negotiation for Possible Power Supply Agreement with Manila Electric Company
- After submission of detailed offer and evaluation of Manila possible for discussion on Proposed Terms Sheet for possible PSA - 4th Quarter of 2018

**PERMITS AND OTHER REGULATORY REQUIREMENTS:**
- Issued with COE on 19 January 2016 (DOE No. 2016-01-BNE)
- Issued with COE on 26 April 2016 (DOE No. 2016-02-BNE)
- NGCP issued “Offer of Service” for NS on 19 June 2016 submitted Certification of Registration on 9 August 2016
  - Currently undergoing NGCP’s review process

**FINANCING ARRANGEMENTS:**
- Cost is US $1.5 Billion

**INDICATIVE Global Luzon Coal-Fired Power Plant**

<table>
<thead>
<tr>
<th>Project</th>
<th>Generation</th>
<th>Location</th>
<th>Capacity</th>
</tr>
</thead>
<tbody>
<tr>
<td>Global Luzon Energy Development Corporation</td>
<td>2,000 MW</td>
<td>Bulacan, La Union</td>
<td>620 MW</td>
</tr>
</tbody>
</table>

ARRANGEMENT FOR SECURING THE REQUIRED LAND:
- Land acquisition completed; Reclassification to Industrial Land ongoing

MARKETING OF GENERATING CAPACITIES:
- DPA with Meralco has been executed for the off-take of 100% of plant’s net capability

PERMITS AND OTHER REGULATORY REQUIREMENTS:
- Issued with COE on 19 January 2016 (DOE No. 2016-01-BNE)
- Issued with COE on 26 April 2016 (DOE No. 2016-02-BNE)
- NGCP issued “Offer of Service” for NS on 19 June 2016 submitted Certification of Registration on 9 August 2016
  - Currently undergoing NGCP’s review process

**FINANCING ARRANGEMENTS:**
- Cost is US $1.5 Billion; Ongoing discussions with major banks and capital companies for project financing

**CONSTRUCTION CONTRACTS FOR PLANTS AND EQUIPMENT:**
- EPC evaluation in progress

**FEASIBILITY STUDY:**
- Pre-Engineering activities in progress

**PERMITS AND OTHER REGULATORY REQUIREMENTS:**
- Issued with COE on 19 January 2016 (DOE No. 2016-01-BNE)
- Issued with COE on 26 April 2016 (DOE No. 2016-02-BNE)

**INDICATIVE Merbau Coal Fired Thermal Power Plant**

<table>
<thead>
<tr>
<th>Project</th>
<th>Generation</th>
<th>Location</th>
<th>Capacity</th>
</tr>
</thead>
<tbody>
<tr>
<td>Merbau Corporation</td>
<td>600 MW</td>
<td>Brgy. Plasmanan Buda, Batangas City</td>
<td>600 MW</td>
</tr>
</tbody>
</table>

ARRANGEMENT FOR SECURING THE REQUIRED LAND:
- Property is currently under Land Lease Agreement (LUA) between Sans Culica Power Corporation (SCPC) with PSALM

MARKETING OF GENERATING CAPACITIES:
- Ongoing negotiations with prospective off-takers (OSs) and those currently with PSAUs and contractible market under Open Access Regime

PERMITS AND OTHER REGULATORY REQUIREMENTS:
- Conduct of ES Study and Preparation of GSI - November 2013 to February 2014
- Draft GSI Submission and Preliminary Review - Mobile of 2014
- Public Hearing - 8 months after submission of GSI
- EMR Isuued - 60 days
- ECC Documents (DPA EMR Document)
- NewEMR formed on 24th of May 2014
- On-going negotiations with PUB and DPA
- Final report with PUB and DPA
- Final report with PUB and DPA
- Final report with PUB and DPA
- Final report with PUB and DPA
- Final report with PUB and DPA

**FINANCING ARRANGEMENTS:**
- Pre-Engineering activities in progress

**CONSTRUCTION CONTRACTS FOR PLANTS AND EQUIPMENT:**
- EPC evaluation in progress

**FEASIBILITY STUDY:**
- Pre-Engineering activities in progress

**PERMITS AND OTHER REGULATORY REQUIREMENTS:**
- Issued with GSI on 5 August 2016 (DOE-EPIMB GS No. 2016-08-001)

**INDICATIVE SMC Circulating Fluidized Bed Coal-Fired Power Plant**

<table>
<thead>
<tr>
<th>Project</th>
<th>Generation</th>
<th>Location</th>
<th>Capacity</th>
</tr>
</thead>
<tbody>
<tr>
<td>SMC Global Power</td>
<td>600 MW</td>
<td>Brgy. Babang Poli, Paghida, Quezon</td>
<td>600 MW</td>
</tr>
</tbody>
</table>

ARRANGEMENT FOR SECURING THE REQUIRED LAND:
- Ongoing;位紳;Application and Completion of Land Conversions - 2nd Q 2019

**MARKETING OF GENERATING CAPACITIES**
- Preliminary negotiation for Possible Power Supply Agreement with Manila Electric Company
- After submission of detailed offer and evaluation of Manila possible for discussion on Proposed Terms Sheet for possible PSA - 4th Quarter of 2018

**PERMITS AND OTHER REGULATORY REQUIREMENTS:**
- Issued with GSI on 5 August 2016 (DOE-EPIMB GS No. 2016-08-001)

**FINANCING ARRANGEMENTS:**
- Pre-Engineering activities in progress

**FEASIBILITY STUDY:**
- Pre-Engineering activities in progress

**PERMITS AND OTHER REGULATORY REQUIREMENTS:**
- Issued with GSI on 5 August 2016 (DOE-EPIMB GS No. 2016-08-001)
| Feasibility Study | Ongoing | ARRANGEMENT FOR SECURING THE REQUIRED LAND: | Pending release of DAR Exemption | TDB | TDB |
| Marketing of Generating Capacities: | Ongoing negotiation with MNBUC | TDB | TDB |
| Permits and Other Regulatory Requirements: | Ongoing | TDB | TDB |

**Coal Plant Zestpower Corporation Mariveles, Bataan**

- Ongoing negotiation with MERALCO
- Pending draft First ECC application
- SIS completed and submitted for review and approval

**Other**

- Issued with SIS on 12 January 2015 (DOE-EPM16-30-005)
- Issued with SIS on 12 January 2015 (DOE-EPM16-30-005)
- Issued with SIS on 12 January 2015 (DOE-EPM16-30-005)

**Other**

- System impact study from NGCP—December 2017
- We will work on connection, transmission and metering agreements once we reached IGO
- USD 154 M: 40/60 project financing is being arranged

| Indicative | Feasibility Study | Ongoing | ARRANGEMENT FOR SECURING THE REQUIRED LAND: | Pending release of DAR Exemption | TDB | TDB |
| Network | Zestpower Coal Thermal Plant | Zestpower Corporation | Mariveles, Bataan | 600 | TDB | TDB |
| Network | SMC Mariveles Coal-Fired Power Plant | SMC Global Power Holdings Corp. | Mariveles, Bataan | 1,200 | TDB | TDB |
| Network | SMC Ilocos LNG-Power Plant | SMC Global Power Holdings Corp. | Batangas | 1,800 (PM - 2 x 600) (PM2 - 2 x 400) (PM3 - 2 x 400) | TDB | TDB |
| Network | SPC - Tarlac Bunker-Fired Power Plant | Supreme Power Corp. | Capas, Tarlac | 11.06 | TDB | TDB |
| Network | Isla del Fuego Bunker-Fired Diesel Power Generating Facility | Isla del Fuego Power Urbflex | Redondo Peninsula, Sabtik, Zambales | 9 | TDB | TDB |
| Network | 500 MW Vires LNG-Fired Power Base Project | Vires Energy Corporation | Batangas Bay area, Batangas | 500 | TDB | TDB |

**Notable Facts**

- Ongoing pre-engineering activities
- Site lease agreement was signed on March 23, 2018—Effective April 2018
- Environmental Certificate – January 2018
- We continue to work on connection, transmission and metering agreements once we reached IGO.
<table>
<thead>
<tr>
<th>Project Name</th>
<th>Company</th>
<th>Location</th>
<th>Capacity</th>
<th>Timelines</th>
</tr>
</thead>
<tbody>
<tr>
<td>LaGS Sta. Maria Power Plant (Phase II)</td>
<td>First Gas Energy Solutions Inc.</td>
<td>Santa Rita, Batangas</td>
<td>450</td>
<td>TBD</td>
</tr>
<tr>
<td>Combined Cycle Gas Turbine Project</td>
<td>Linaay LNG Power Corporation</td>
<td>Limay, Bataan</td>
<td>1300</td>
<td>TBD</td>
</tr>
<tr>
<td>Bacon-Manda Geothermal Power Project</td>
<td>Energy Development Corporation</td>
<td>Bacon-Manda, Sorsogon</td>
<td>80</td>
<td>TBD</td>
</tr>
<tr>
<td>Baconan-4-Batong-Kangan Geothermal Project</td>
<td>Energy Development Corporation</td>
<td>Bacon District, Sorsogon, Sorsogon City</td>
<td>30</td>
<td>TBD</td>
</tr>
<tr>
<td>Kayadan-Geothermal Project</td>
<td>Energy Development Corporation</td>
<td>Manta, Ifugao</td>
<td>30</td>
<td>TBD</td>
</tr>
<tr>
<td>Ibulao Hydroelectric Project</td>
<td>Hydroserve, Inc.</td>
<td>Lagen, Ifugao</td>
<td>4.5</td>
<td>TBD</td>
</tr>
</tbody>
</table>

**FEASIBILITY STUDY:**
- On-going feasibility study

**ARRANGEMENT FOR SECURING THE REQUIRED LAND:**
- Permits of land to be used by the Project shall be purchased from FGP and FGP Corp.

**MARKETING OF GENERATING CAPACITIES:**
- Discussion on targeted off-takers ongoing

**PERMITS AND OTHER REGULATORY REQUIREMENTS:**
- Power Plant options update completed as of 17 June 2015
- City and Barangay endorsements acquired as of 2015
- Environmental compliance Certificate applications on-going targeted to be acquired by July 2015
- Importation permit application on-going
- Accommodation from the GOI targeted on December 2015
- Import permit is on-going
- BOA Accommodation target is November 2015
- DENR EEC on-going Certificate is expected to be acquired by December 2015
- Acquire of EEC from DENM is expected by October 2015
- On-going coordination with affected barangays

**FINANCING ARRANGEMENTS:**
- Discussion with International Financing sources and local banks on-going

**CONSTRUCTION CONTRACTS FOR PLANTS AND EQUIPMENT:**
- EPC and Operation Maintenance contracts targeted to be awarded on-going

**COMMENCEMENT OF CONSTRUCTION:**
- Target commencement of construction on 1st half of 2015

**COMMENCEMENT OF CONSTRUCTION:**
- Target commencement of construction on 2nd half of 2017

**COMMENCEMENT OF CONSTRUCTION**
- Target commencement of construction on 2nd half of 2017
<table>
<thead>
<tr>
<th>Project Name</th>
<th>Developer/Owner</th>
<th>Location</th>
<th>Capacity (MW)</th>
<th>Phase Completion Details</th>
</tr>
</thead>
</table>
| **INDICATIVE**  | Dupagya Hydroelectric Power Project | Constellation Energy Corporation | Guadaldin, Nueva Ecija | 3 | PERMITS AND OTHER REGULATORY REQUIREMENTS:   
  - Issued Confirmation of Commerciality on 26 June 2016.   
  - Already secured LGU Endorsements.   
  - NDRRME Environmental Compliance Certificate.   
  - NPC Certificate of Compliance, and W/Blanco permit.   
  - Submission ofal, submitted to the LGU regarding the project.   
  - Submission of all necessary permits for commercial activities as permitted.   
  - Issued confirmation of Commerciality on 26 June 2016.   
  - Submittal of Environmental Impact Study and 9th Year Plan.   
  - Construction contracts for project and equipment:   
    - Construction Progress (Pre-construction) (21), Construction (21), Interconnection (6), completed as of 30 September 2014. |
| **Indicative**  | Gened -1 Hydroelectric Power Project | Pinacan Solar Power Ptd. Corp. | Pabayo, Apayao | 150 | FEASIBILITY STUDY:   
  PERMITS AND OTHER REGULATORY REQUIREMENTS:   
  - LGU endorsement.   
  - Secured Endorsement Letter from CORD on May 9, 2016.   
  - Commencement date of PAGUIP: on June 25, 2018.   
  ARRANGEMENT FOR SECURING THE REQUIRED LAND:   
  - On-going.   
  MARKETING OF GENERATING CAPACITIES:   
  - GE 350/1 Off-take agreement.   
  GROUNDWORKING SCHEDULES:   
  - 4th Quarter of 2018.   
  FINANCING ARRANGEMENTS:   
  - Bank Financing will push through upon completion of all necessary permits and clearances for the project.   
  CONSTRUCTION CONTRACTS FOR PLANTS AND EQUIPMENT:   
  - EPC Contractors submitted tenders for the proposed 150 MW GENED-1 HPP. Evaluation of final bidding of EPC Contractors on-going.   
  COMMENCEMENT OF CONSTRUCTION:   
  - 1st Quarter of 2019. |
| **Indicative**  | Dilipto 1           | AT Biax Company          | Karbenu, Nueva Vizcaya | 2.1 | PERMITS AND OTHER REGULATORY REQUIREMENTS:   
  - Issued confirmation of commerciality on 3 March 2016. |
| **INDICATIVE**  | Kabayan 1 (Natasing HEP) | Heskett & Collin, Inc. | Kabayan, Benguet | 38 | FEASIBILITY STUDY:   
  - On-going.   
  ARRANGEMENT FOR SECURING THE REQUIRED LAND:   
  - To secure contract of lease with the landowner.   
  MARKETING OF GENERATING CAPACITIES:   
  - IT at 35a.   
  PERMITS AND OTHER REGULATORY REQUIREMENTS:   
  - Drafting of PCNS, MRRM, HEPs, and CMC Injunctions.   
  - ECO process is securing all regulatory requirements.   
  GROUNDWORKING SCHEDULES:   
  - 4th Quarter of 2016.   
  FINANCING ARRANGEMENTS:   
  - Parent company will undertake to provide financial support.   
  CONSTRUCTION CONTRACTS FOR PLANTS AND EQUIPMENT:   
  - To be undertaken after acquisition of permits.   
  COMMENCEMENT OF CONSTRUCTION:   
  - 8th Quarter of 2016. |
| **Committed**  | Mitura 3           | Smith Bell Mini Hydro Corporation | Bambang, Nueva Ecija | 7.9 | PERMITS AND OTHER REGULATORY REQUIREMENTS:   
  - Issued Confirmation of commerciality on 28 December 2015. |
  CONSTRUCTION CONTRACTS FOR PLANTS AND EQUIPMENT:   
  - Funding submission of requirements for under development stage. |

---
<table>
<thead>
<tr>
<th>Project Name</th>
<th>Owner</th>
<th>Location</th>
<th>Capacity</th>
<th>Status</th>
</tr>
</thead>
</table>
| Indicative Kapangan              | Cordillera Hydro-Electric Power Corporation | Kapangan & Kibungan, Benguet | 60       | PERMITS AND OTHER REGULATORY REQUIREMENTS:  
  • Issued Confirmation of Commercialization on 13 February 2014  
  COMMISSION OF CONSTRUCTION:  
  • Ongoing civil works of hydro facilities |
| Indicative Tumauini (Lower Cascade) | Quadriler Energy Corp.         | Tumauini, Isabela         | 7.8      | PERMITS AND OTHER REGULATORY REQUIREMENTS:  
  • Submission of lacking requirements, e.g. permits in progress  
  CONSTRUCTION CONTRACTS FOR PLANTS AND EQUIPMENT:  
  • Ongoing pre-construction activities |
| INDICATIVE Abdau HEP              | AV Garcia Power Systems Corp.  | Tuban Sur, Tuba, Benguet  | 2        | PERMITS AND OTHER REGULATORY REQUIREMENTS:  
  • Issued Confirmation of Commerciality on 25 September 2014  
  • Submission of lacking requirements, e.g. permits in progress  
  CONSTRUCTION CONTRACTS FOR PLANTS AND EQUIPMENT:  
  • Ongoing construction (Pre-construction: 0%, Construction: 0%, Interconnection: 0%) completed as of 30 September 2014  
  • Pending submission of requirements for construction |
| INDICATIVE Barit (Irrigation Discharge) Hydroelectric Project | Nascent Technologies | Buhi, Camarines Sur | 0.4     | PERMITS AND OTHER REGULATORY REQUIREMENTS:  
  • Issued Confirmation of Commerciality on 12 September 2014  
  • Submission of lacking requirements, e.g. permits in progress  
  CONSTRUCTION CONTRACTS FOR PLANTS AND EQUIPMENT:  
  • Ongoing construction (Pre-construction: 0%, Construction: 0%, Interconnection: 0%) completed as of 30 September 2014  
  • Pending submission of requirements for construction |
| Committed Talubin Hydropower Project | Mountain Province Electric Cooperative, Inc. | Bontoc, Mountain Province | 4.9      | PERMITS AND OTHER REGULATORY REQUIREMENTS:  
  • Issued with GIS on 11 December 2015 |
| INDICATIVE Ilaguen 4              | Isabela Power Corporation      | Echague                   | 10       | PERMITS AND OTHER REGULATORY REQUIREMENTS:  
  • Issued Confirmation of Commercialization on October 02, 2015 |
| INDICATIVE Mituno 1               | Smith Bell Mini Hydropower Corporation | Ambiguin, Nueva Vizcaya  | 7.4      | PERMITS AND OTHER REGULATORY REQUIREMENTS:  
  • Issued Confirmation of Commerciality on 28 December 2015  
  CONSTRUCTION CONTRACTS FOR PLANTS AND EQUIPMENT:  
  • Pending submission of requirements for under development stage |
<table>
<thead>
<tr>
<th>Indicative</th>
<th>Location</th>
<th>Company</th>
<th>Capacity (MW)</th>
<th>Status</th>
<th>Expected Completion</th>
</tr>
</thead>
<tbody>
<tr>
<td>PERMITS AND OTHER REGULATORY REQUIREMENTS:</td>
<td></td>
<td></td>
<td></td>
<td>• Ongoing permitting</td>
<td></td>
</tr>
<tr>
<td>INDICATIVE</td>
<td>Saguen 2</td>
<td>Isabela Power Corporation</td>
<td>14</td>
<td>Issued Commerciality on 22 May 2015; Ongoing permitting</td>
<td>November 2015 December 2015</td>
</tr>
<tr>
<td>INDICATIVE</td>
<td>Pinacanauan</td>
<td>Sunwest Water &amp; Electric Co., Inc.</td>
<td>6</td>
<td>Construction Progress (Pre-construction - 0%, Construction - 0%, Interconnection - 0%), Completed as of 30 September 2014</td>
<td>TBD TBD</td>
</tr>
<tr>
<td>INDICATIVE</td>
<td>Lalawinan</td>
<td>Mini-Hydro Project</td>
<td>3</td>
<td>Issued Confirmation of Commerciality on 23 March 2015; Ongoing permitting</td>
<td>November 2016 December 2016</td>
</tr>
<tr>
<td>INDICATIVE</td>
<td>Pinacanauan</td>
<td>Sunwest Water &amp; Electric Co., Inc.</td>
<td>6</td>
<td>Construction Progress (Pre-construction - 0%, Construction - 0%, Interconnection - 0%), Completed as of 30 September 2014</td>
<td>TBD TBD</td>
</tr>
</tbody>
</table>
### Indicative Matibuey Sta. Clara Power Corporation Matibuey, Ilocos Sur 16

**PERMITS AND OTHER REGULATORY REQUIREMENTS:**
- Issued Confirmation of commerciality on 12 April 2016.
- Issued EIS on 24 May 2018 with EIS no. 2017-010C.

### Indicative Tilbag Repower Energy Development Corp. Real, Quezon 4.46

Issued Commercially on 6 March 2016. Ongoing pre-construction activities.

### Indicative Tigaun River (Upper Cascade) HEP Repower Energy Development Corp. Real, Quezon 1.5

**PERMITS AND OTHER REGULATORY REQUIREMENTS:**

### Indicative Rubico 2 Enerhighland Corporation Municipal of Kiangan, Lamut and Lagawe, Province of Ifugao 7.48

Issued Confirmation of Commerciality on 27 May 2016. Ongoing pre-construction activities.

### Indicative Tinoc 1 Quadriver Energy Corp. Tinoc, Ifugao 4.1

**PERMITS AND OTHER REGULATORY REQUIREMENTS:**
- Pending submission of requirements for construction.
- Issued Confirmation of Commerciality on 9 August 2013.

### Indicative Tinoc 2 Philnew Hydro Power Corporation Tinoc, Ifugao 5

**PERMITS AND OTHER REGULATORY REQUIREMENTS:**
- Issued Confirmation of Commerciality on 06 January 2014.
- Submission of lacking requirements e.g. permits in progress.
- Clearance to undertake GIS from DOE issued on 11 July 2011.

**CONSTRUCTION CONTRACTS FOR PLANTS AND EQUIPMENT:**
- Construction Progress (Pre-construction - 0%, Construction-0%, Interconnection-0%) completed as of 30 September 2014.

### Indicative Tinoc 3 Quadriver Energy Corp. Tinoc, Ifugao 8

**PERMITS AND OTHER REGULATORY REQUIREMENTS:**
- Issued Confirmation of Commerciality on 06 January 2014.
- Submission of lacking requirements e.g. permits in progress.
- Clearance to undertake GIS from DOE issued on 11 July 2011.

**CONSTRUCTION CONTRACTS FOR PLANTS AND EQUIPMENT:**
- Construction Progress (Pre-construction - 0%, Construction-0%, Interconnection-0%) completed as of 30 September 2014.
<table>
<thead>
<tr>
<th>Indicative</th>
<th>Project Name</th>
<th>Owner</th>
<th>Location</th>
<th>Project Code</th>
<th>Status</th>
</tr>
</thead>
<tbody>
<tr>
<td>Indicative</td>
<td>Tumauini Upper Cascade</td>
<td>Philewie Hydro Power Corporation</td>
<td>Tumauini, Isabelas</td>
<td>14</td>
<td>TBD</td>
</tr>
<tr>
<td>Indicative</td>
<td>Kabayan 1</td>
<td>Hedcor Benguet, Inc.</td>
<td>Kabayan, Benguet</td>
<td>20</td>
<td>TBD</td>
</tr>
<tr>
<td>Indicative</td>
<td>Kabayan 3</td>
<td>Hedcor Benguet, Inc.</td>
<td>Kabayan, Benguet</td>
<td>27</td>
<td>TBD</td>
</tr>
<tr>
<td>Indicative</td>
<td>Binang 1-26 Combined HEPP</td>
<td>Hedcor, Inc.</td>
<td>La Trinidad, Benguet</td>
<td>19</td>
<td>TBD</td>
</tr>
</tbody>
</table>

**PERMITS AND OTHER REGULATORY REQUIREMENTS:**
- Submission of planning requirements, e.g., permits in progress
- Issued with DO-EPIMB No. 29; October 2017 (DOE-FPA-HS-Dec. No. 2017-10-004)

**CONSTRUCTION CONTRACTS FOR PLANTS AND EQUIPMENT:**
- On-going pre-construction activities

**FEASIBILITY STUDY:**
- On-going conduct of Feasibility Study

**PERMITS AND OTHER REGULATORY REQUIREMENTS:**
- Securing of permitting requirements
- New application filed for HSC amendment: increase in capacity from 16.5 MW to 19 MW
- Still on process in securing other regulatory requirements

**ARRANGEMENT FOR SECURING THE REQUIRED LAND:**
- To secure contract of lease with the landowners

**MARKETING OF GENERATING CAPACITIES:**
- On-going

**GROUNDWORKING SCHEDULES:**
- 4th Quarter of 2016

**FINANCING ARRANGEMENTS:**
- Parent company will undertake to provide financial support

**COMMENCEMENT OF CONSTRUCTION:**
- 4th Quarter of 2016
<table>
<thead>
<tr>
<th>Indicative</th>
<th>Project</th>
<th>Client</th>
<th>Capacity (MW)</th>
<th>Status</th>
</tr>
</thead>
<tbody>
<tr>
<td>PERMITS AND OTHER REGULATORY REQUIREMENTS:</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**PERMITS AND OTHER REGULATORY REQUIREMENTS:**
- Currently on-going Preparation of Business Plan
- On-going negotiations of Business Financing Arrangement
- Clearance to Undertake GIS from DOE issued on December 2014
- Issued Confirmation of Commerciality on 31 August 2014
- Submission of lacking requirements e.g. permits in progress
- Construction Progress (Pre-construction - DN, Construction 0%, Interconnection 0%) completed as of 30 September 2014
- Designing construction
- FEASIBILITY STUDY:
  - Pre-FEED: completed
- PERMITS AND OTHER REGULATORY REQUIREMENTS:
  - Project capacity of 120 MW
  - Preparing Business Plan
  - Financing Arrangement in progress
  - Application for NGP-FPP CCA Concluded, CCA 2 commencement on 5/15/15
  - NGP permits under process; NGP studies under process
- FEASIBILITY STUDY:
  - Pre-FEED: completed
- PERMITS AND OTHER REGULATORY REQUIREMENTS:
  - Project capacity of 120 MW
  - Preparing Business Plan
  - Financing Arrangement in progress
  - Application for NGP-FPP CCA Concluded, CCA 2 commencement on 5/15/15
  - NGP permits under process; NGP studies under process
- PERMITS AND OTHER REGULATORY REQUIREMENTS:
  - Issued with GIS on 8 January 2016 (DOE EPMB-56 No. 2015-01-003)
- PERMITS AND OTHER REGULATORY REQUIREMENTS:
  - Issued with GIS on 15 January 2016 (DOE EPMB-56 No. 2015-02-003)
- PERMITS AND OTHER REGULATORY REQUIREMENTS:
  - Issued with GIS on 24 February 2016 (DOE EPMB-56 No. 2015-02-004)
<table>
<thead>
<tr>
<th>Project</th>
<th>Developer</th>
<th>Location</th>
<th>Capacity (MW)</th>
<th>Details</th>
</tr>
</thead>
</table>
| Wawa Pumped Storage 1 HEP | Olympia Vigilante Water and Power, Inc. | San Mateo, Antipolo, and Rodriguez, Rizal | 500 | Expenditure Study: 
- Completed by DOE, Oct 2015 
- Environmental and geotechnical investigations were completed by Jan 2016. |
| Wawa Pumped Storage 2 HEP | Olympia Vigilante Water and Power, Inc. | San Mateo, Antipolo, and Rodriguez, Rizal | 300 | Expenditure Study: 
- Concessions completed for the connection to the national grid. |
| Wawa Pumped Storage 3 HEP | Olympia Vigilante Water and Power, Inc. | San Mateo, Antipolo, and Rodriguez, Rizal | 50 | Expenditure Study: 
- Prospects for the connection to the national grid. |
| Nabunggan Run-on-Water HEP | Strategic Power Development Corp | Apayao | 50 | Expenditure Study: 
- Concessions completed for the connection to the national grid. |
| Dinglasan Pumped Storage HEP | Strategic Power Development Corp | Dinglasan, Aurora | 500 | Expenditure Study: 
- Concessions completed for the connection to the national grid. |
| San Roque Lower East Pumped Storage | Strategic Power Development Corp | Pangasinan | 400 | Expenditure Study: 
- Concessions completed for the connection to the national grid. |
| Pagudpud HEP | Isabela Power Corporation | San Mariano and San Guillermo, Isabela | 19 | Expenditure Study: 
- Concessions completed for the connection to the national grid. |
| Abasin 2 Hydroelectric Power Project | Kiangan Mini-Hydro Corporation | Kiangan, Ifugao | 7.4 | Expenditure Study: 
- Concessions completed for the connection to the national grid. |
| Matusa 2 HEP | Smith Bell-Willy Hydro Corporation | Bambang, Nueva Vizcaya | 7.9 | Expenditure Study: 
- Concessions completed for the connection to the national grid. |
| Sablan 1 Hydroelectric Power Project | Hidro, Inc. | Sablan, Benguet | 20 | Expenditure Study: 
- Concessions completed for the connection to the national grid. |
| Sablan 2 Hydroelectric Power Project | Hidro, Inc. | Sablan, Benguet | 30 | Expenditure Study: 
- Concessions completed for the connection to the national grid. |
### Kibungan Hydroelectric Power Project
- **Location:** Kibungan, Benguet
- **Permits:** 50
- **Issue Date:** TBD

### Santal Sungan Hydroelectric Power Project
- **Location:** Sangan, Rocos-San / Kibungan, Benguet
- **Permits:** 53
- **Issue Date:** TBD

### Paul B Hydroelectric Power Project
- **Location:** Paul, Kalinga
- **Permits:** 15,484
- **Issue Date:** TBD

### Paul C Hydroelectric Power Project
- **Location:** Paul, Kalinga
- **Permits:** 9,754
- **Issue Date:** TBD

### Indicative

#### Sisul
- **Location:** AM, Sta. Rita, Mixon­g and Hermosa, Batan
- **Permits:** 67.86
- **Issue Date:** 2018

#### Betolza Solar Power Project
- **Location:** Solar Power Utilities Generator Corporation, Brgy. San Juan, Betolza, Zambales
- **Permits:** 30.27
- **Issue Date:** 2018

#### Marabod Solar Power Project
- **Location:** ATN Philippines Solar Energy Group, Inc., Brgy. Marabod, Rodriguez, Rizal
- **Permits:** 00
- **Issue Date:** 2018

#### Concepcion Solar Power Project
- **Location:** Enfinity, Inc Brgy. Sta. Rosa, Concepcion Tarlac
- **Permits:** 50.55
- **Issue Date:** 2018

#### Cordon Solar PV Power Project
- **Location:** Greenergy Solutions, Inc, Cordon, Isabela
- **Permits:** 50
- **Issue Date:** January 2019

#### Earthenergy Solar Power Plant
- **Location:** Earthenergy Corp., Bulakan, Batangas
- **Permits:** 50
- **Issue Date:** April 2019
<table>
<thead>
<tr>
<th>Date</th>
<th>Project Name</th>
<th>Company Name</th>
<th>Location</th>
<th>PERMITS/CLEARANCES</th>
</tr>
</thead>
<tbody>
<tr>
<td>January 2019</td>
<td>Clark Solar Power Project</td>
<td>Emergence Renewable Energy Corporation</td>
<td>Northern Raymundo Approach of Clark International Airport, Clark Pampanga</td>
<td>35</td>
</tr>
<tr>
<td>December 2019</td>
<td>SAC Solar Power Project</td>
<td>SAC Solar Power Corporation</td>
<td>San Juan City, Nueva Ecija</td>
<td>10</td>
</tr>
<tr>
<td>December 2019</td>
<td>BGC Solar Power Project</td>
<td>Renov Green Energy Corporation</td>
<td>Nagaq and Tug, Province of Batangas</td>
<td>10</td>
</tr>
<tr>
<td>December 2019</td>
<td>PPM Solar PV Power Project</td>
<td>Firmgreen Phis. Inc.</td>
<td>Tarlac City, Tarlac</td>
<td>50</td>
</tr>
<tr>
<td>December 2019</td>
<td>Nueva Ecija Solar Power Project</td>
<td>Firmgreen Phis. Inc.</td>
<td>Pantabangan, Nueva Ecija</td>
<td>100</td>
</tr>
<tr>
<td>December 2019</td>
<td>Sis. Maria Solar PV Power Project</td>
<td>Greenergy Solutions, Inc.</td>
<td>Sis. Maria, Isabel</td>
<td>125</td>
</tr>
<tr>
<td>December 2019</td>
<td>Sta. Maria Solar Power Project</td>
<td>East Coast For Renewable Energy and Industrial Corporation</td>
<td>Sta. Maria, Isabel</td>
<td>80</td>
</tr>
<tr>
<td>May 2020</td>
<td>Tabuk Solar PV Power Project</td>
<td>Greenergy Solutions, Inc.</td>
<td>Tabuk, Nueva Ecija</td>
<td>125</td>
</tr>
<tr>
<td>May 2020</td>
<td>Greenergy Copra Solar Power Project</td>
<td>Greenergy Solutions, Inc.</td>
<td>Copra, Tarlac</td>
<td>50</td>
</tr>
<tr>
<td>May 2020</td>
<td>Ilocan II Solar PV Power Project</td>
<td>Greenergy Solutions, Inc.</td>
<td>Ilocan City, Isabel</td>
<td>100</td>
</tr>
<tr>
<td>Indicative</td>
<td>Solar Power Plant</td>
<td>Corporation</td>
<td>City</td>
<td>PERMITS AND OTHER REGULATORY REQUIREMENTS</td>
</tr>
<tr>
<td>------------</td>
<td>------------------</td>
<td>-------------</td>
<td>------</td>
<td>-----------------------------------------</td>
</tr>
<tr>
<td>Calamba and Tagaytay Solar Power Project</td>
<td>Solar Philippines Tagaytay Corporation</td>
<td>Tagaytay, Batangas</td>
<td>100</td>
<td>+ issued with CDE on 20 March 2017 (DOE No. 2017-03-004)</td>
</tr>
<tr>
<td>Capas Solar PV Power Project</td>
<td>Sinvolution E-Solar Power Inc.</td>
<td>Capas, Tarlac</td>
<td>22</td>
<td>+ issued with SIS on 08 March 2017 (DOE-EPMB-SIS No. 2017-03-003)</td>
</tr>
<tr>
<td>San Marcelo 1 Solar Power Project</td>
<td>Pilipinas Newton Energy Corp.</td>
<td>San Marcelo, Pangasinan</td>
<td>70</td>
<td>+ issued with SIS on 23 March 2017 (DOE-EPMB-SIS No. 2017-03-007)</td>
</tr>
<tr>
<td>Tarrason-Batangas Solar I Power Project</td>
<td>Solar Philippines Tarrason Corporation</td>
<td>Tarrason, Batangas</td>
<td>100</td>
<td>+ issued with SIS on 30 June 2017 (DOE-EPMB-SIS No. 2017-06-004)</td>
</tr>
<tr>
<td>San Miguel Solar Power Plant</td>
<td>Powersource First Bulacan Solar Inc.</td>
<td>San Miguel, Bulacan</td>
<td>90</td>
<td>+ issued with SIS on 19 September 2017 (DOE-EPMB-SIS No. 2017-09-002)</td>
</tr>
<tr>
<td>Balayan Solar Power Project</td>
<td>Solar Philippines Commercial Rooftop Projects, Inc.</td>
<td>Balayan &amp; Calooc, Batangas</td>
<td>600</td>
<td>+ issued with SIS on 4 December 2017 (DOE-EPMB-SIS No. 2017-12-002); SIS amendment increase in capacity (DOE-EPMB-RE-SIS No. 2018-07-005)</td>
</tr>
<tr>
<td>Concepcion Turf 3 Solar</td>
<td>Solar Philippines Commercial Rooftop Projects, Inc.</td>
<td>Concepcion City, Tarlac</td>
<td>200</td>
<td>+ issued with SIS on 23 December 2017 (DOE-EPMB-SIS No. 2017-12-005)</td>
</tr>
<tr>
<td>Laguna Lake-Balbagos SPP</td>
<td>Barrocado Energy Corporation</td>
<td>Laguna de Bay and Santa Ros, Laguna</td>
<td>126</td>
<td>+ issued with SIS on 23 December 2017 (DOE-EPMB-SIS No. 2017-12-005)</td>
</tr>
<tr>
<td>Laguna Lake-By P</td>
<td>Barrocado Energy Corporation</td>
<td>Bay-Cavitey and Victoria, Lagos and Laguna de Bay</td>
<td>126</td>
<td>+ issued with SIS on 23 December 2017 (DOE-EPMB-SIS No. 2017-12-005)</td>
</tr>
<tr>
<td>Laguna Lake-Cabilan SPP</td>
<td>Barrocado Energy Corporation</td>
<td>Cabilan, Sta. Rosa and Calooc, Laguna and Laguna de Bay</td>
<td>100.8</td>
<td>+ issued with SIS on 23 December 2017 (DOE-EPMB-SIS No. 2017-12-005)</td>
</tr>
<tr>
<td>Laguna Lake-Colombia SPP</td>
<td>Barrocado Energy Corporation</td>
<td>Calamba City, Laguna and Laguna de Bay</td>
<td>100.8</td>
<td>+ issued with SIS on 23 December 2017 (DOE-EPMB-SIS No. 2017-12-005)</td>
</tr>
<tr>
<td>Laguna Lake-Lubang SPP</td>
<td>Barrocado Energy Corporation</td>
<td>Los Baños, Laguna</td>
<td>100.8</td>
<td>+ issued with SIS on 23 December 2017 (DOE-EPMB-SIS No. 2017-12-005)</td>
</tr>
<tr>
<td>Laguna Lake-Lumada SPP</td>
<td>Barrocado Energy Corporation</td>
<td>Cabilan, Laguna</td>
<td>65.32</td>
<td>+ issued with SIS on 23 December 2017 (DOE-EPMB-SIS No. 2017-12-005)</td>
</tr>
<tr>
<td>Laguna Lake-OP28 SPP</td>
<td>Barrocado Energy Corporation</td>
<td>OPA, Los Baños, Laguna</td>
<td>30</td>
<td>+ issued with SIS on 23 December 2017 (DOE-EPMB-SIS No. 2017-12-005)</td>
</tr>
<tr>
<td>Project Name</td>
<td>Location</td>
<td>Phases</td>
<td>PERMITS AND OTHER REGULATORY REQUIREMENTS:</td>
<td></td>
</tr>
<tr>
<td>----------------------------------</td>
<td>-------------------------</td>
<td>--------</td>
<td>------------------------------------------</td>
<td></td>
</tr>
<tr>
<td>GAME Solar Power Project</td>
<td>Gamu, Isabela</td>
<td>130</td>
<td>• Issued with SIS on 15 May 2018 (DOE-OPWMS-SIS-No. 2018-05-001)</td>
<td></td>
</tr>
<tr>
<td>San Rafael Solar Power Project</td>
<td>San Rafael, Bulacan</td>
<td>421.2</td>
<td>TBD</td>
<td></td>
</tr>
<tr>
<td>San Rafael Solar Power Project</td>
<td>San Rafael, Bulacan</td>
<td>421.2</td>
<td>TBD</td>
<td></td>
</tr>
<tr>
<td>Tarlac Solar Power Project</td>
<td>Tarlac City, Tarlac</td>
<td>150</td>
<td>TBD</td>
<td></td>
</tr>
<tr>
<td>San Jose Del Monte SWP</td>
<td>San Jose Del Monte, Bulacan</td>
<td>60</td>
<td>TBD</td>
<td></td>
</tr>
<tr>
<td>Manggondon Noli-Tonco 3 Solar Power Project</td>
<td>Manggondon Noli-Tonco, Guate</td>
<td>200</td>
<td>TBD</td>
<td></td>
</tr>
<tr>
<td>Survey Tarlac Solar Power Project</td>
<td>Cagay and Bambang, Tarlac</td>
<td>180</td>
<td>TBD</td>
<td></td>
</tr>
</tbody>
</table>

**WIND**

<table>
<thead>
<tr>
<th>Project Name</th>
<th>Location</th>
<th>Phases</th>
<th>PERMITS AND OTHER REGULATORY REQUIREMENTS:</th>
</tr>
</thead>
<tbody>
<tr>
<td>Sembrano Wind Power Project (Lam-So, Phase 1: Mabitac Wind Power Project)</td>
<td>Mt. Sembrano, Malabat, Laguna</td>
<td>88.4</td>
<td>• Acquired SDL Certificate of Confirmation of Commerciality on 2014-02-04; • Amended the Contract Area and submitted all to the Agency; • Sealed Submittal of the Project’s proposed design and construction program; • Signed the contract with the agency on 2014-02-04; • Approved the site permit and environmental impact statement; • Amended the contract area of the project; • Signed the contract with the agency on 2014-02-04.</td>
</tr>
<tr>
<td>Pagudpud Wind Power Project</td>
<td>Pagudpud Wind Power Corporation</td>
<td>84</td>
<td>TBD</td>
</tr>
<tr>
<td>Burgos 2 Wind Power Project</td>
<td>Burgos, Ilocos Norte</td>
<td>183</td>
<td>TBD</td>
</tr>
<tr>
<td>Mahtug 3 Wind Power Project</td>
<td>Mahtug, Sorsogon</td>
<td>153</td>
<td>TBD</td>
</tr>
<tr>
<td>Mahtug 3 Wind Power Project</td>
<td>Mahtug, Sorsogon</td>
<td>286</td>
<td>TBD</td>
</tr>
</tbody>
</table>

**FINANCING ARRANGEMENTS:**

- **AWSC** to finance the implementation of the project with 100% equity.
- Negotiations for financial closing ongoing.
- Project cost in Php 6.5B

**CONSTRUCTION CONTRACTS FOR PLANTS AND EQUIPMENT:**

- EPC and O&M Contract awarded to Neptune and McConnell Del. on 13 July 2013.
- On-going construction.
- Construction stage of 30 September 2014 (Pre-construction - 60% completed, Construction-0%, Interconnection-0%).
- On-going completion of Pre-construction activities including financial closing, Work Plan

**CONSTRUCTION AND CONSTRUCTION:**

- Construction shall commence upon completion of Burgos Project.

**PERMITS AND OTHER REGULATORY REQUIREMENTS:**

- Issued with SIS on 15 May 2018 (DOE-OPWMS-SIS-No. 2018-05-001)
- Issued with SIS on 15 May 2018 (DOE-OPWMS-SIS-No. 2018-05-001)
- Issued with SIS on 15 May 2018 (DOE-OPWMS-SIS-No. 2018-05-001)
- Issued with SIS on 15 May 2018 (DOE-OPWMS-SIS-No. 2018-05-001)
- Issued with SIS on 15 May 2018 (DOE-OPWMS-SIS-No. 2018-05-001)
- Issued with SIS on 15 May 2018 (DOE-OPWMS-SIS-No. 2018-05-001)
**Indicative/Balai Wind Power Project**

<table>
<thead>
<tr>
<th>Project</th>
<th>Developer</th>
<th>Location</th>
<th>Phase</th>
<th>Remarks</th>
</tr>
</thead>
</table>

**PERMITS AND OTHER REGULATORY REQUIREMENTS:**
- Issued with GIS on 3 March 2017 (DOE-FRMW-GIS No. 2017-03-005).
- Issued with GIS on 3 March 2017 (DOE-FRMW-GIS No. 2017-03-005).
- Issued with GIS on 3 March 2017 (DOE-FRMW-GIS No. 2017-03-005).

**COMMENCEMENT OF CONSTRUCTION:**
- April 2019
- May 2019
- October 2019
- December 2019
- June 2020
- December 2020
- November 2020
- December 2020
- November 2020
- December 2020
- November 2020
- December 2020
- November 2020
- December 2020
- November 2020
- December 2020

---

**Indicative/Biomas Project**

<table>
<thead>
<tr>
<th>Project</th>
<th>Developer</th>
<th>Location</th>
<th>Phase</th>
<th>Remarks</th>
</tr>
</thead>
</table>

Total indicative rated capacity: 25,341 MW

* Committed Project(s)