

Item No.: 16
Date: 12 2025 AUG

REPUBLIC OF THE PHILIPPINES
ENERGY REGULATORY COMMISSION
JADE DRIVE, PASIG CITY

IN THE MATTER OF THE APPLICATION FOR AUTHORITY TO DEVELOP, OWN, AND OPERATE DEDICATED POINT-TO-POINT LIMITED TRANSMISSION FACILITIES TO CONNECT THE TONGONAN BATTERY ENERGY STORAGE SYSTEM TO THE VISAYAS GRID, WITH MOTION FOR PROVISIONAL AUTHORITY AND FOR CONFIDENTIAL TREATMENT OF INFORMATION,

Sangguniang Panlalawigan
Province of Leyte
RECEIVED
Date: AUG 01 2025
By: [Signature]

ERC CASE NO. 2024-035MC

ENERGY DEVELOPMENT CORPORATION (EDC),
Applicant.
x-----x

MOTION FOR PARTIAL RECONSIDERATION

Applicant ENERGY DEVELOPMENT CORPORATION (“EDC” or “Applicant”), through undersigned counsel, respectfully states: That –

1. On 1 July 2025,¹ Applicant received a copy of the Decision of this Honorable Commission dated 25 June 2025 (“Decision”) partially denying the Application for authority to develop, own, and operate dedicated point-to-point transmission facilities to connect the Tongonan Battery Energy Storage System (“Tongonan BESS” or “Project”) to the Visayas Grid (“Application”), to wit:

“WHEREFORE, the foregoing premises considered, the Application filed by ENERGY DEVELOPMENT CORPORATION (EDC) to develop, own and/or operate dedicated point-to-point limited facilities to connect its ±10 MW Tongonan Battery Energy Storage System (BESS) to

¹ Received at 11:10 p.m of 30 June 2025. Per Section 1, Rule VI of the Guidelines Governing Electronic Applications, Filings and Virtual Hearings before the Energy Regulatory Commission (“E-filing Guidelines”), Orders or Decisions received beyond working hours or days shall be deemed received on the next working day. Per Section 3, Rule V of the E-filing Guidelines, [w]orking hours mean from 8:00 A.M. to 5:00 P.M. and working days mean from Mondays to Fridays.

the Visayas Grid via the Tongonan 138 kV Substation of the EDC, is hereby RESOLVED as follows:

1. EDC is hereby **AUTHORIZED** to develop and own the dedicated point-to-point limited transmission facilities to connect its ± 10 MW Tongonan BESS to the Visayas Grid via a direct connection to the Tongonan 138 kV Substation of EDC, subject to the following conditions:

1.1. The generated energy of EDC's ± 10 MW Tongonan BESS shall be subject to generation curtailment and appropriate dispatch prioritization during simultaneous maximum dispatch of power plants of all the connected power plants in Leyte-Samar Sub-grid as well as the additional generation coming from Luzon via the Naga-Ormoc HVDC Interconnection, until the completion of the Cebu-Leyte 230 kV Interconnection Lines 3 and 4 Project.

1.2. The dedicated point-to-point limited transmission facilities shall be used solely by the generating facility;

1.3. The subject facilities shall be developed and constructed in accordance with the System Impact Study (SIS), Facility Study (FS), and NGCP's requirements listed on the FS review report which shall be complied with by EDC and NGCP prior to the commercial operation Tongonan BESS so as not to result in the degradation of NGCP's transmission system;

1.4. The metering point shall be at the connection point in accordance with the Philippine Grid Code (PGC);

1.5. Should any portion of the dedicated point-to-point limited facilities be required for competitive purposes or to connect any other users, ownership of the same shall be transferred immediately to NGCP. In such case, NGCP shall pay EDC using the fair market price of the said facilities, subject to optimization. The following shall be complied with by NGCP and EDC:

1.5.1. The transfer of the asset, as the case may be, shall be effected on the same day that another user is physically connected. A report on such transfer shall be submitted to the Commission within thirty (30) days from the subject physical connection by another user to the facility.

1.5.2. NGCP and EDC shall ensure the completion of the transactions and requirements for the legal transfer of ownership of the subject assets no later than one (1) year from the physical connection of another user to the facility. A report on such legal transfer of ownership shall be submitted to the Commission within thirty (30) days from the subject physical connection by another user to the facility.

1.5.3. Non-compliance with the above directives as provided in 1.5, its subclauses, and other pertinent provisions of this Decision shall merit the issuance of a Show Cause Order, and subject to penalties as may be imposed by the Commission.

1.6. In the event that EDC's ± 10 MW Tongonan BESS enters into Ancillary Service Procurement Agreement (ASPA) with NGCP, the cost of the connection assets should not form part of the Capital Recovery Fee (CRF) under the said ASPA.

2. EDC is **NOT AUTHORIZED** to develop and own the assets for the Second Facility which are not dedicated point-to-point limited transmission facilities. NGCP shall construct the said facilities in accordance with the FS it approved. EDC shall immediately coordinate with NGCP, upon receipt of the Decision, for the installation and construction of the same, so as not to delay the project.

NGCP is hereby **DIRECTED** complete the installation of the Second Facility prior to the target testing and commissioning of the ± 10 MW Tongonan BESS.

Further, EDC is **DIRECTED TO SUBMIT** a report, within sixty (60) calendar days upon receipt of the Decision, regarding the construction of the foregoing assets by NGCP.

3. The prayer of EDC for authority to operate and maintain the subject facilities is hereby **DENIED**. NGCP shall operate and maintain the subject dedicated point-to-point limited facilities to ensure and maintain the reliability, adequacy, security, stability, and integrity of the nationwide electrical grid, subject to applicable charges to EDC;

Further, EDC is **DIRECTED** to submit a copy of the executed Operation and Maintenance Agreement between EDC and NGCP for the subject facilities within thirty (30) days from its execution.

4. NGCP is **DIRECTED** to continue implementing the current active SIPS, with the inclusion of the subject plant, to mitigate the

overloading issues of Cebu-Leyte Interconnection Lines 1 and 2 pending the completion of Cebu-Leyte Interconnection Lines 3 and 4;

5. NGCP is hereby **DIRECTED** to expedite the completion of the Cebu-Leyte Interconnection Lines 3 and 4 to solve the overloading issues and ensure the reliability of the Visayas Grid;
6. The EDC's Tongonan 138 kV Substation shall be reclassified as Transmission Asset and shall be transferred immediately to NGCP. NGCP shall pay EDC using the fair market price of the said facilities, subject to optimization.

EDC is **DIRECTED TO SUBMIT** a Report, within sixty (60) calendar days upon receipt of the Decision, regarding the transfer of the foregoing assets by NGCP;

7. EDC is hereby **DIRECTED** to submit a Report on its plans and status of the connection of its proposed Phase 2 ± 20 MW Tongonan BESS Project, within thirty (30) calendar days upon receipt of the Decision; and
8. EDC is hereby **DIRECTED** to pay and remit to the Commission the full amount of **Two Million Eight Hundred Twenty-Six Thousand Three Hundred Ninety-Five Pesos and Seventy-Seven Centavos (PhP2,826,395.77)**, within **fifteen (15) calendar days** from receipt of the Decision resolving the instant application, as payment for the permit fee, pursuant to Section 40 of the Public Service Act, as amended, and the Commission's Revised Schedule of Fees and Charges.

The permit fee computed herein shall be considered in the determination of the fair market price of the assets in the event that these assets are transferred to NGCP.

RELATIVE TO THE FOREGOING, EDC is hereby **DIRECTED** to submit a Compliance Report showing its Compliance or Compliance Plan with all the foregoing directives of the Commission, **within thirty (30) calendar days** from receipt hereof.

FURTHERMORE, the resolution of the instant case shall be without prejudice to EDC's compliance with the Certificate of Compliance (COC) requirements of the Commission, as well as other government agencies' requirements, rules, and regulations.

FINALLY, a Show Cause Order (SCO), separate from this Decision shall be issued against EDC, for its failure to observe the pertinent provision of the EPIRA and the rules and regulations of the Commission.

SO ORDERED."

2. Under Rule 23 of this Honorable Commission's Revised Rules of Practice and Procedure, a Motion for Reconsideration may be filed within fifteen (15) days from the receipt of the Decision, to wit:

“Section 1. Filing of Motion for Reconsideration. – A party adversely affected by an order on the merits or decision of the Commission, may within fifteen (15) days from receipt of a copy thereof, file a motion for reconsideration.

No more than one motion for reconsideration by each party shall be entertained.”

3. Since the Applicant received the Decision after working hours, at 11:10 PM on 30 June 2025, the Decision is considered to have been received the next working day, or on 1 July 2025. Thus, the Applicant has until 16 July 2025 to file this Motion for Partial Reconsideration. Thus, Applicant respectfully files the instant Motion to seek the partial reconsideration and/or clarification of the following items in this Honorable Court's Decision.

Denial of EDC's prayer to operate and maintain the subject facilities

4. In its Decision, the Honorable Commission stated that the Applicant failed to prove that it is capable of operating the subject facilities without any adverse effect to the grid's reliability, to wit:

Thus, the Commission has consistently ruled that the dedicated point-to-point limited transmission facilities should be operated and maintained by the NGCP because there should be an assurance that the subject facility will be operated without adverse effect to the reliability of the Grid.

*The only exception recognized in the EPIRA is when a generation company acquires prior approval from the Commission to operate such dedicated point-to-point limited facility. This exception, however, is bound by numerous strict conditions, one of which is that **the generation company applying for such authority should be able to prove that it is capable to operate a point-to-point facility, and that its operation of the said facility is in the best interest of the consumers.** However, none of these conditions are present in this case.*

In view of the foregoing, the Commission resolves to deny the prayer and manifestation of EDC to operate and maintain the subject facilities. To ensure and maintain the reliability, adequacy, security, stability, and integrity of the power system, the operation and maintenance of the subject facilities shall be through NGCP.

Furthermore, NGCP shall undertake the operation, service, and maintenance of the dedicated facility involving, among others, periodic inspection

of the dedicated point-to-point limited facilities and regular assessment of poles and wire conditions, subject to applicable charges to EDC. [Emphasis supplied]

5. Applicant respectfully disagrees, and asserts that Applicant is qualified to operate and maintain the subject facilities. EDC has longstanding experience and technical expertise, as well as the necessary resources to operate and maintain the said dedicated point-to-point facilities.

6. Applicant has a track record which shows that it has the technical capability to develop, construct, operate and maintain point-to-point limited transmission facilities. The Honorable Commission may recall that the Application states as follows:

23. Likewise, EDC's track record shows that it has the technical capability to develop, construct, operate, and maintain the Connection Asset based on the design and configuration in the SLD attached to the SIS as accepted by NGCP.

23.1 EDC owns and operates the Unified Leyte Geothermal Power Plant Complex (the "ULGPP") including the Unified Leyte - Central Switching Station ("UL-CSS") which is the switchyard located inside the ULGPP and which serves as the centralized dispatching asset of the six power plants constituting the ULGPP (the "UL Plants") in relation to the import and export of generation output to the Grid.

23.2 The electricity generated by the UL Plants is aggregated and conveyed to the UL CSS through a 230 kV network composed of seven (7) switchyards, 23-km transmission lines, and 33 towers. The generated electricity is aggregated and is then dispatched to the grid through two points of interconnection to Cebu and to Luzon Grids.

The operation and maintenance of the Connection Asset is planned to be carried out by personnel belonging to the Facilities Operations and Maintenance ("FOM") Group of EDC. These personnel will be under the supervision and direction of Engr. Liberato S. Virata, as the Head of EDC FOM. The personnel can all be contacted through EDC at its principal office address.

7. Based on the foregoing, it is clear that the Applicant possesses the necessary technical capability to develop, construct, operate, and maintain the dedicated point-to-point limited facilities of the Tongonan BESS, aligning with the design and configuration approved by NGCP. This capability is demonstrated by the Applicant's ownership and operation of the Unified Leyte

Geothermal Power Plant Complex (ULGPP). Within the ULGPP, the Applicant manages the Unified Leyte - Central Switching Station (UL-CSS), a critical switchyard that centralizes the dispatch of power from the six plants within the complex. The UL-CSS handles the aggregation and transmission of electricity generated by the UL Plants. This involves a robust 230 kV network consisting of seven switchyards, 23 kilometers of transmission lines, and 33 towers. From the UL-CSS, the aggregated electricity is dispatched to the national Grid through two interconnection points, serving both the Cebu and Luzon Grids.

8. In the same vein, EDC will be in charge of the operation and maintenance of the dedicated point-to-point limited transmission facilities which will connect the Project to the Visayas Grid, through the Tongonan 138 kV Substation. For this purpose, EDC will utilize the manpower, experience, and expertise that has enabled it to operate and maintain the UL-CSS for more than a decade. It bears stressing that during this time of EDC's operation of the UL-CSS, no major issue on the reliability of the Grid has been attributed to EDC's failure to properly operate, service, and maintain the UL-CSS. We respectfully submit that the Honorable Commission should take these into account in ascertaining the ability of EDC to operate and maintain the subject facilities.

9. In this regard, the Applicant has submitted in its application, Exhibits "C", "Q", "R-2", and "U", which are the Latest General Information Sheet, Affidavit of Undertaking with the Philippine Grid Code, Proof of Technical Capability (Curriculum Vitae of Relevant EDC Personnel and List of Operations and Maintenance Team on site), and relevant certifications from DOE, respectively as supporting documents to show the technical capability and experience of the Applicant and its personnel. The Applicant is re-submitting the documents for the Honorable Commission's convenience as Annexes "A", "B", "C", and "D".

10. For the Honorable Commission's reference, the technical team who will operate, service, and maintain the dedicated point-to-point limited facilities of the Tongonan BFSS is composed of the following personnel:

Names	Positions
Joel Lagan	Lead - Production Shift
Emmanuel Baliña	Senior Operator - Production
Lexter Alonzo	Engineer- Production
Joderic Quiros	Engineer- Production
Christian Sotto	Senior Engineer- Maintenance
Wiljun Cañete	Engineer- Maintenance
Emiliano Abarquez	Senior Technician - Maintenance

Elmer Sano	Senior Engineer- Maintenance
Ranolfo Konahap	Head - Specialized Electrical Services
Dennis Puray	Engineer - Electrical Maintenance
Amory Lunod	Senior Engineer - Electrical Maintenance
Armando Gamutan	Engineer - Electrical Maintenance
Danilo Maturan	Senior Engineer - Electrical Maintenance
Jhon Ronald Alba	Engineer - Electrical Maintenance
Mike Daniel Magalona	Engineer - Electrical Maintenance
Victorino Castillote	Senior Engineer - Electrical Maintenance
Voltaire Baquial	Engineer - Electrical Maintenance

11. In this regard, the Applicant is attaching the Work Profiles and Job Descriptions of the personnel charged with the operation and maintenance of the subject facilities as Annexes “E-Series” and “F-Series” of this Motion.

12. The Applicant highlights the following:

(a) The Work Profiles specify the relevant work experience and professional licenses/ certifications of each personnel who will handle the operations and maintenance of the subject facilities; and

(b) The Job Descriptions for each of the positions occupied by the operations and maintenance team mentioned above indicate the Scope and Responsibilities, Qualifications and Experiences, and Competencies required for each position. These are specific and relevant to ensure that the subject facilities are smoothly operated and well-maintained by technically qualified and experienced individuals.

13. Furthermore, as discussed in the SIS, the Applicant’s operation of the subject facilities and connection asset will not have any adverse effect on the Grid’s reliability, to wit:

“As regards the voltage analysis, no voltage problems were identified upon entry of the Project. The result confirms that the voltage levels of the monitored substations remain within acceptable limits during normal and N-1 conditions for both study years 2024 and 2029.

The short circuit simulation results indicate that the increased fault levels in the monitored substations associated with the entry of the Project are within acceptable limits and will not breach the interrupting capacity of the installed circuit breakers. Moreover, the computed Short Circuit Ratio (SCR) at the

Point of Interconnection (POI) in years 2024 and 2029 indicate that the operation of the Project will be unaffected by the changes in the active and reactive power injections.

The transient stability assessment shows that there are no stability issues after the clearance of three-phase fault for both normal and delayed clearing time in years 2024 and 2029. To ensure the grid transient stability, protection scheme shall be established according to the requirement of the PGC and Network Protection Philosophy.

The frequency assessment results show that the sudden loss of the Project while supplying full capacity to the grid will not cause the system frequency to drop below 59.2 Hz and will not trigger the Automatic Load Dropping (ALD) relays.

14. It also should be noted that NGCP, as Grid Operator, did not oppose the instant Application. If the subject facility was truly integral to the Grid's reliability, and if NGCP did not believe that the Applicant could operate and maintain the point-to-point limited transmission facilities, then NGCP would have duly and timely filed its opposition with the Honorable Commission, as it has done so in many other instances or applications where it finds that the reliability of the Grid may be affected or where it deems facilities to be transmission assets in nature.

15. It is also worth recalling that in its Manifestation dated 26 September 2024 in relation to the Application, NGCP only raised the matter of reclassification of the Tongonan 138 kV Substation as a transmission asset. It did not interpose any objection or express any reservation on EDC's ability to operate and maintain the Tongonan BESS point-to-point limited transmission facilities. If NGCP had genuine doubt about EDC's capability to operate, service, and maintain the subject facilities and such uncertainty may adversely affect the reliability of the Grid, it would have opposed EDC's prayer to operate and maintain the subject facilities.

16. As shown in the above discussion, it is evident that the Applicant has established that it has the technical capability to operate and maintain the point-to-point limited transmission facilities, contrary to this Honorable Commission's unsupported statement in its Decision that such is not present in the instant case.

17. In addition, the operation and maintenance of the subject facilities by the Applicant is in the best interest of the consumers. Having EDC operate its own dedicated point-to-point limited facilities would save NGCP from incurring additional operational costs which form part of the NGCP's rate base that will be used for its petitions for adjustment to its transmission charge. This transmission charge would eventually be passed on to all grid users, including those that are not served by EDC.

18. In the case of ***Central Negros Power Reliability, Inc.***, ERC Case No. 2015-016MC, this Honorable Commission approved the operation of the dedicated point-to-point facilities. In this Honorable Commission's Decision dated 29 October 2015, the applicant in the case (i.e. Central Negros Power) was found to be technically capable to operate the facilities given the submission of the members of the technical team, which showed them to be highly technical and experienced personnel, as well as considering the undertaking to comply with the Philippine Grid Code (PGC), etc. It is of note that in the instant case of Applicant EDC, as mentioned earlier and similar to the case of Central Negros Power Reliability, Inc., the Applicant submitted, among other evidence, an Affidavit of Undertaking with the Philippines Grid Code and Proof of Technical Capability (Curriculum Vitae of Relevant EDC Personnel and List of Operations and Maintenance Team on site). Yet, unlike Central Negros Power Reliability, Applicant EDC was not found to be technically capable to operate and maintain the subject facilities, despite the similar nature of supporting documents provided.

19. As can be seen in the above discussion, it is evident the Applicant has established, contrary to the Decision, that it has the technical capability to operate and maintain the said dedicated point-to-point limited facilities, as well as the benefit to the consumers of the operation of the facility by the Applicant, in line with the exception provided by the Honorable Commission in its Decision.

20. EDC likewise notes the last part of the Decision pertaining to NGCP undertaking the operating, service and maintenance of the facility, provides as follows::

*“Furthermore, NGCP shall undertake the operation, service, and maintenance of the dedicated facility involving, among others, periodic inspection of the dedicated point-to-point limited facilities and regular assessment of poles and wire conditions, **subject to applicable charges to EDC.**”*
[Emphasis supplied]

21. Assuming without admitting and in the event that the Honorable Commission would still deny the Applicant's prayer for authority to operate and maintain the point-to-point limited facilities, EDC wishes to clarify this Honorable Commission's qualification and statement of “subject to applicable charges to EDC”.

22. The last portion of the Decision is unclear. In the event that NGCP takes over the operation, service and maintenance of the point-to-point limited facilities, what are included in the applicable charges to EDC mentioned in the Decision? Are these the regular transmission charges imposed on EDC and all other generation companies, as well as industry participants interacting with NGCP?

23. With all due respect, the term “applicable charges” in the said statement does not provide guidance as to what will be applied, and the basis on what such application will be done.

The Applicant wishes to clarify the directive to transfer the dedicated point-to-point limited facilities if they are required for competitive purpose

24. The Decision likewise states that “[s]hould any portion of the dedicated point-to-point limited facilities be required for competitive purposes or to connect any other users, ownership of the same shall be transferred immediately to NGCP.”

25. Assuming *arguendo* that the operation of the said connection asset should be turned over to NGCP once it acquires a competitive purpose, Applicant respectfully requests clarification as to how to operationalize such transfer and the steps/process/timelines to effect such transfer of operations, as this is unclear in the Decision.

26. Likewise, Applicant respectfully raises the following queries - in the event that NGCP does not take steps to take over the dedicated point-to-point limited facilities, what will happen to its operation? In the event that NGCP would not assume the operation of the asset, would Applicant then be allowed to operate the asset by default just so the connection can still be operated and no delays in delivery of power would occur, and would it then be authorized to charge costs of such operation to NGCP?

27. We respectfully seek clarification on the foregoing items to aid the Applicant and NGCP in understanding how compliance with such item in the Decision will be operationalized should the factors giving rise to the need for such compliance arise.

The Applicant wishes to clarify the directive with regard to the Second Facility

28. With regard to the Second Facility (i.e., Assets to be installed for the connection of the Tongonan BESS at the Tongonan 138 kV Substation), the Honorable Commission did not grant the Applicant the authority to develop and own the assets thereof, and directed NGCP to construct the said facilities in accordance with the Facilities Study it approved, to wit:

“On the other hand, the assets for the Second Facility are not considered dedicated point-to-point limited transmission facilities or connection assets,

rather, these are considered as transmission assets. As shown in Figure 1, these assets are already inside the Tongonan Substation connection $\pm 10\text{MW}$ Tongonan BESS and Tongonan Geothermal Power Plant (TGPP), which is a Transmission Asset under Commission's Resolution No. 23, Series of 2016. Hence, EDC shall not be authorized to develop and own the said facilities, considering that the said assets will not be functioning as a dedicated point-to-point transmission facility- NGCP should construct said facilities in accordance with the Facilities Study (FS) it approved.”

29. Similar to the earlier clarification raised by Applicant, Applicant respectfully requests clarification as to how to operationalize such transfer and the steps/process/timelines to effect such transfer of operations, as this is unclear in the Decision.

30. It is respectfully raised by the Applicant that the construction of the Second Facility has already been completed, in accordance with the Facilities Study approved by the NGCP. Given that the Second Facility is already constructed, the Applicant respectfully raises the following queries - what will happen in the event that NGCP, despite the order, does not act or take steps in operating the Second Facility in time? In the event that NGCP does not take steps to take over the Second Facility, what will happen to its operation?

31. Furthermore, in the event that NGCP would not assume the operation of the Second Facility, would Applicant then be allowed to operate the Second Facility by default just so the connection can still be operated and no delays in delivery of power would occur, and would it then be authorized to charge costs of such operation to NGCP?

32. Furthermore, Applicant also respectfully requests clarification if NGCP shall also pay the fair market value of the Second Facility, considering the construction of the same and given the directive in the Decision to NGCP to construct the said facilities, and how such fair market value shall be computed.

Directive to turnover the
Tongonan 138 kV Substation
to NGCP

33. In the Decision, the Honorable Commission held that the “Tongonan 138 kV Substation shall be reclassified as Transmission Asset since it is not anymore dedicated to TGPP. It will now connect TGPP and Tongonan BESS with separate COCs. As such, EDC shall turn over the said substation to NGCP. EDC shall submit a report regarding the transfer of the said assets to NGCP within sixty (60) calendar days upon receipt of this Decision.” Thus, the Honorable Commission directed that the EDC’s Tongonan 138 kV Substation shall be reclassified as Transmission Asset and shall be transferred immediately to NGCP, and the latter shall pay EDC using the fair market price of the said facilities, subject to optimization.

34. The Applicant respectfully submits that the ownership, operation, and maintenance of the Tongonan 138kV Substation should remain with GCGI, who is the current owner and operator of the asset. While centralized control by the NGCP of the transmission system is understandable, Applicant believes that certain circumstances warrant that ownership, operation and maintenance of the Tongonan 138kV Substation should remain with GCGI. In this case, specifically, Applicant contends that transferring ownership, operation and maintenance of the Tongonan 138kV Substation to NGCP could introduce significant risks to the very reliability and stability of the Grid that both Applicant and the Honorable Commission are striving to protect.

35. Applicant's primary concern centers on the loss of intimate, specialized knowledge and breakdown of integrated operational synergy with respect to the operation and maintenance of the Tongonan 138kV Substation. The Tongonan 138kV Substation is designed and customized to interface with the generating facilities connected to it, as well as to the Grid. It was designed and engineered to optimize the output of specific generating facilities, and to integrate seamlessly to the Grid. The operation and maintenance (O&M) team of GCGI possess an unparalleled, granular understanding of this Tongonan 138kV Substation - its unique design specifications, historical performance data, specific operational quirks, and the nuances of its interaction and interface with the generating facilities connected to it. This deep institutional knowledge of the Tongonan 138kV Substation, accumulated over years of development and operation, is invaluable and assures that GCGI is in a better, if not the best, position to operate and maintain the Tongonan 138kV Substation, ensuring the reliability and stability of the Grid.

36. One of the functions of the National Transmission Corporation and by extension, NGCP, is to ensure and maintain the reliability, adequacy, security, stability and integrity of the nationwide electrical grid in accordance with the performance standards for the operations and maintenance of the grid.² Two (2) of the key parameters for the operation and maintenance of the grid are "Reliability" and "Stability", which are defined in the Philippine Grid Code (PGC)³ as follows:

- (a) "Reliability" - the performance of the elements of the bulk electric system that results in electricity being delivered to Customers within accepted standards and in the amount desired. Reliability may be measured by the Frequency, duration, and magnitude of adverse effects on the electric supply.⁴

² EPIRA, Sec. 9(c)

³ PGC 2016 Edition; All capitalized terms not defined in this Motion for Reconsideration shall be given the meaning ascribed to them under the PGC

⁴ PGC, Sec. GC 1.7.

- (b) “Stability” - the ability of the dynamic Components of the Power System to return to a normal or stable operating point after being subjected to some form of change or disturbance.⁵

37. Insofar as Transmission Reliability is concerned, the ERC is mandated to prescribe Reliability Performance Indicators (RPIs) that will measure, among others, the total number and duration of power Interruptions in the Grid.⁶ “Interruption” is the result of one or more Component Outages, or when a Component is not available to perform its intended function due to some Event (i.e., unscheduled or unplanned occurrence of an abrupt change or disturbance in a Power System due to fault, Equipment Outage, Adverse Weather condition or natural phenomena) directly associated with that Component.⁷ On the other hand, Grid Stability is measured by how quick the Component of a Power System can return to a normal or stable operating point after being subjected to some form of change or disturbance.

38. Stated differently, the performance of the Grid is measured through, among others, the frequency and duration of outages due to, *inter alia*, disturbance in a Power System (i.e., the integrated system of transmission, distribution network and Generating Plant for the supply of electricity).⁸ Thus, any issue with the Components of the Power System that results in electricity not being delivered to Customers within accepted standards and in the amount desired is detrimental to Grid Reliability.

39. Based on the foregoing framework, we wish to point out that the Tongonan 138 kV Substation is a critical Component to the Power System, in that the Tongonan Geothermal Power Plant (TGPP) will not be able to deliver electricity and the Tongonan BESS will be unable to draw and discharge electricity to the Grid if there are issues with such substation. In other words, if the Tongonan 138 kV Substation is not functioning properly, there will be power Interruptions in the Grid due to the disconnection of the TGPP and the Tongonan BESS from the Grid.

40. Should the ownership, operation and maintenance of the Tongonan 138 kV Substation remain with GCGI, in the event that an anomaly or fault occurs, the on-site O&M team of GCGI can immediately diagnose the issue, leveraging on their comprehensive knowledge and understanding of the substation’s internal workings, and its direct relationship with the generating units connected to the substation. This swift, informed response is paramount in minimizing Interruptions and outage durations, and preventing cascading failures that could affect the reliability and stability of the Grid..

⁵ Id.

⁶ Id., Sec. PST 3.3.2.1.

⁷ Id., Sec. GC 1.7.

⁸ Id.

41. Moreover, any potential delay in NGCP's repair of the Tongonan 138 kV Substation means longer time for the TGPP and Tongonan BESS to be re-synchronized to the Grid. This then affects Grid Stability, which as mentioned above pertains to the ability of the dynamic Components of the Power System to return to a normal or stable operating point after being subjected to some form of change or disturbance.

42. Lastly, transferring ownership, operation and maintenance of the Tongonan 138 kV Substation to NGCP could likewise pose significant operational difficulties. The current O&M strategy for the Tongonan 138 kV Substation is integrated with the operational plant schedule and performance targets of the generating units connected to the substation. This enables the conduct of preventive maintenance, predictive analytics, and minor adjustments that are precisely timed and tailored to ensure that the Tongonan 138 kV Substation supports the optimal and reliable dispatch of power from the generating units connected to it. Separating this function risks a disconnect, where maintenance of the Tongonan 138 kV Substation without full consideration of the generation unit's needs, could potentially lead to suboptimal performance or forced outages.

43. Currently, the Tongonan 138 kV Substation houses the following: (a) breakers (i.e., closing interlocks, tripping interlocks, protection zones commonality) of the Tongonan GPP, and (b) protection panels and relays used for 138kV bus, generators, generator step-up transformer, and BESS line. Thus, even if NGCP were to take over the operation and maintenance of this substation, EDC and GCGI will have to co-manage it with NGCP as there are components therein that still belong to these generation companies. Having separate entities simultaneously operate, service, and maintain the same substation is a complex undertaking, given the constant coordination and delineation of responsibilities needed.

44. Based on the foregoing, it is clear that the ownership, operation and maintenance of the Tongonan 138 kV Substation is a specialized function best performed by those who designed, built, and historically operated the same. Disrupting this established system would be to dismantle an existing, proven, and highly efficient operational nexus between the substation and the generating units connected to it, replacing it with a more generalized approach that could risk dilution of critical expertise, create operational bottlenecks, and ultimately compromise the very reliability and stability of the Grid. We respectfully request the Honorable Commission to consider these critical implications and revisit its directive mandating the transfer of the Tongonan 138 kV Substation to NGCP.

45. In case the Honorable Commission will uphold its directive despite the foregoing considerations, Applicant respectfully requests clarification as to how to operationalize such transfer and the steps/process/timelines to effect such transfer of ownership and operations, as this is unclear in the Decision. Applicant respectfully raises the following queries - in the event that NGCP does

not take steps to or take over the Tongonan 138 kV Substation, what will happen to its operation? In the event that NGCP would not assume the operation of the asset, would Applicant then become the operator of the asset by default just so the connection can still be operated and no delays in delivery of power would occur, and would it then be authorized to charge costs of such operation to NGCP?

46. In view of the foregoing, it is only reasonable that this Honorable Commission grant this instant motion, and reconsider its Decision dated 25 June 2025.

PRAYER

WHEREFORE, premises considered, Applicant EDC respectfully prays that this Honorable Commission:

- (i) partially reconsiders and clarifies its Decision dated 25 June 2025;
- (ii) authorizes Applicant EDC to operate and maintain the subject dedicated point-to-point facilities;
- (iii) clarify the procedure as to the operation and maintenance of the subject dedicated point-to-point limited facilities, taking into consideration the possibility that NGCP does not, or is not able to, immediately takeover or accept turnover of the said operation and maintenance, in case the Honorable Commission upholds its decision for NGCP to operate and maintain these facilities;
- (iv) clarify the phrase “*subject to applicable charges to EDC*” in number 3 of the dispositive portion of the Decision;
- (v) issue a clarificatory order as to the steps, process, and timelines to effect the transfer of the dedicated point-to-point limited facilities of the Project, in case it is required for competitive purpose;
- (vi) issue a clarificatory order as to the steps, process, and timelines to effect the transfer of the Second Facility; and
- (vii) reconsider the reclassification of Tongonan 138kV Substation and the directive to turn over the same to NGCP.

Other reliefs just and equitable under the premises are likewise prayed for

Pasig City, 16 July 2025.


**The Law Firm of
QUIASON MAKALINTAL**
Counsel For Energy Development Corporation (EDC)
21/F Robinsons Equitable Tower
4 ADB Avenue, Ortigas Center,
Pasig City, Philippines 1605
Tel. No. +63 (2) 8631-0981 to 0985
ercfilings@qmlaw.com.ph

By:



MIGUEL K. MATHAY
ROLL OF ATTORNEYS NO. 43982
MCLE COMPLIANCE NO. VIII-0023334; 4/14/2028
PTR NO. 3040417; 01/03/2025
PASIG CITY
IBP NO. 511708; 01/03/2025
RIZAL (RSM)

GIANNA MARIA C. COMSTI
ROLL OF ATTORNEYS NO. 63071
MCLE COMPLIANCE NO. VIII-0022934; 4/14/2028
PTR NO. 3040424; 01/03/2025
PASIG CITY
IBP NO. 511715; 01/03/2025
RIZAL (RSM)



JOHN MAVERICK G. ESPINOLA
ROLL OF ATTORNEYS NO. 81683
MCLE COMPLIANCE NO. VIII-0022951; 4/14/2028
PTR NO. 3040432; 01/03/2025
PASIG CITY
IBP NO. 511723; 01/03/2025
RIZAL (RSM)

EXPLANATION

Due to the volume of pleadings, motions and other correspondence filed/sent by the Firm daily, the Firm is constrained to cause the filing with the Honorable Office and the service of the copy of the foregoing pleading to the other parties by registered mail or private courier instead of by personal service.



JOHN MAVERICK G. ESPINOLA

Copy furnished:

Office of the Solicitor General
134 Amorsolo Street, Legaspi Village,
1229 Makati City

Commission on Audit (COA)
Commonwealth Avenue, 1121 Quezon City

Senate Committee on Energy
GSIS Bldg. Roxas Blvd., 1300 Pasay City

House Committee on Energy
Batasan Hills, 1126 Quezon City

Regulatory Operations Service
14th Floor Exquadra Tower
1 Jade Drive Ortigas Center
1605 Pasig City

Office of the City Mayor
1600 Pasig City

Office of the Local Government Unit (LGU) Legislative Body
1600 Pasig City

Office of the Municipal Mayor
Kananga, 6531 Leyte

Office of the Local Government Unit (LGU) Legislative Body
Kananga, 6531 Leyte

Office of the City Mayor
Ormoc City, 6541 Leyte

Office of the Local Government Unit (LGU) Legislative Body
Ormoc City, 6541 Leyte

Office of the Provincial Governor
Province of Leyte, 6500

Office of the Local Government Unit (LGU) Legislative Body
Province of Leyte, 6500

National Grid Corporation of the Philippines (NGCP)
NGCP Building, Quezon Avenue cor. BIR Road
Diliman, 1100 Quezon City



SECURITIES AND EXCHANGE COMMISSION

Secretariat Building, PICC Complex, Roxas Boulevard, Pasay City, 1307 Metro Manila Philippines

Tel: (632) 818-0921 Fax: (632) 818-5293 Email: mis@sec.gov.ph



The following document has been received:

Receiving: ICTD ERMD 9

Receipt Date and Time: July 26, 2022 02:18:09 PM

Company Information

SEC Registration No.: 0000066381

Company Name: ENERGY DEVELOPMENT CORPORATION

Industry Classification: C11990

Company Type: Stock Corporation

Document Information

Document ID: OST1072620228642753

Document Type: General Information Sheet

Document Code: GIS

Period Covered: June 29, 2022

Submission Type: Annual Meeting

Remarks: None

GENERAL INFORMATION SHEET (GIS)
FOR THE YEAR 2022
STOCK CORPORATION

GENERAL INSTRUCTIONS:

1. FOR USER CORPORATION: THIS GIS SHOULD BE SUBMITTED WITHIN THIRTY (30) CALENDAR DAYS FROM THE DATE OF THE ANNUAL STOCKHOLDERS' MEETING. **DO NOT LEAVE ANY ITEM BLANK.** WRITE "N.A." IF THE INFORMATION REQUIRED IS NOT APPLICABLE TO THE CORPORATION OR "NONE" IF THE INFORMATION IS NON-EXISTENT. IF THE ANNUAL STOCKHOLDERS' MEETING IS HELD ON A DATE OTHER THAN THAT STATED IN THE BY-LAWS, THE GIS SHALL BE SUBMITTED WITHIN THIRTY (30) CALENDAR DAYS AFTER THE ELECTION OF THE DIRECTORS, TRUSTEES AND OFFICERS OF THE CORPORATION AT THE ANNUAL MEMBERS' MEETING.
2. IF NO MEETING IS HELD, THE CORPORATION SHALL SUBMIT THE GIS NOT LATER THAN JANUARY 30 OF THE FOLLOWING YEAR. HOWEVER, SHOULD AN ANNUAL STOCKHOLDERS' MEETING BE HELD THEREAFTER, A NEW GIS SHALL BE SUBMITTED/FILED.
3. THIS GIS SHALL BE ACCOMPLISHED IN ENGLISH AND CERTIFIED AND SWORN TO BY THE CORPORATE SECRETARY OF THE CORPORATION.
4. THE SEC SHOULD BE TIMELY APPRISED OF RELEVANT CHANGES IN THE SUBMITTED INFORMATION AS THEY ARISE. FOR CHANGES RESULTING FROM ACTIONS THAT AROSE BETWEEN THE ANNUAL MEETINGS, THE CORPORATION SHALL SUBMIT AMENDED GIS CONTAINING THE NEW INFORMATION TOGETHER WITH A COVER LETTER SIGNED THE CORPORATE SECRETARY OF THE CORPORATION. THE AMENDED GIS AND COVER LETTER SHALL BE SUBMITTED WITHIN SEVEN (7) DAYS AFTER SUCH CHANGE OCCURED OR BECAME EFFECTIVE.
5. SUBMIT FOUR (4) COPIES OF THE GIS TO THE RECEIVING SECTION AT THE SEC MAIN OFFICE, OR TO SEC SATELLITE OFFICES OR EXTENSION OFFICES. ALL COPIES SHALL UNIFORMLY BE ON A4 OR LETTER-SIZED PAPER. THE PAGES OF ALL COPIES SHALL USE ONLY ONE SIDE.
6. ONLY THE GIS ACCOMPLISHED IN ACCORDANCE WITH THESE INSTRUCTIONS SHALL BE CONSIDERED AS HAVING BEEN FILED.
7. THIS GIS MAY BE USED AS EVIDENCE AGAINST THE CORPORATION AND ITS RESPONSIBLE DIRECTORS/OFFICERS FOR ANY VIOLATION OF EXISTING LAWS, RULES AND REGULATIONS.

===== PLEASE PRINT LEGIBLY =====

CORPORATE NAME: ENERGY DEVELOPMENT CORPORATION		DATE REGISTERED:	
BUSINESS/TRADE NAME: ENERGY DEVELOPMENT CORPORATION		March 5, 1976	
SEC REGISTRATION NUMBER: 66381		FISCAL YEAR END:	
DATE OF ANNUAL MEETING PER BY-LAWS:		December 31	
Every 1st Tuesday of May of each year		CORPORATE TAX IDENTIFICATION NUMBER (TIN)	
ACTUAL DATE OF ANNUAL MEETING:		000-169-125	
June 29, 2022		WEBSITE/URL ADDRESS:	
COMPLETE PRINCIPAL OFFICE ADDRESS:		www.energy.com.ph	
Rockwell Business Center Tower 3, Ortigas Avenue, Pasig City, Philippines		E-MAIL ADDRESS:	
COMPLETE BUSINESS ADDRESS:		corpcomm@energy.com.ph	
6th Floor Rockwell Business Center Tower 3, Ortigas Avenue, Pasig City, Philippines		FAX NUMBER	
OFFICIAL E-MAIL ADDRESS		N.A.	
ALTERNATE E-MAIL ADDRESS		OFFICIAL MOBILE NO.	
EDC_CS@energy.com.ph		0917-8060835	
EDC_ACS@energy.com.ph		ALTERNATE MOBILE NO.	
0917-5044979		NAME OF EXTERNAL AUDITOR & ITS SIGNING PARTNER:	
SYCIP GORRES VELAYO & CO., VERONICA ANDRESA R. PORE		SEC ACCREDITATION NUMBER (if applicable):	
PRIMARY PURPOSE/ACTIVITY/INDUSTRY PRESENTLY ENGAGED IN:		1414-AR-2 (Group A), valid until October 14, 2022	
To explore, develop, operate, and utilize geothermal energy and other indigenous renewable energy source for electricity generation.		TELEPHONE NO(s).	
INDUSTRY CLASSIFICATION:		(02)7755-2332	
Electric power generation, transmission and distribution		GEOGRAPHICAL CODE:	
N.A.			

===== INTERCOMPANY AFFILIATIONS =====

PARENT COMPANY	SEC REGISTRATION NO.	ADDRESS
RED VULCAN HOLDINGS CORPORATION	CS2007-15747	6th Floor Rockwell Business Center Tower 3, Ortigas Avenue, Pasig City
SUBSIDIARY/AFFILIATE	SEC REGISTRATION NO.	ADDRESS
PLEASE SEE ATTACHED ANNEX A-1 AND A-2.		

NOTE: USE ADDITIONAL SHEET IF NECESSARY

GENERAL INFORMATION SHEET

STOCK CORPORATION

PLEASE PRINT LEGIBLY

Corporate Name: ENERGY DEVELOPMENT CORPORATION

A. Is the Corporation a covered person under the Anti Money Laundering Act (AMLA), as amended? (Rep. Acts. 9160/9164/10167/10365) Yes No

Please check the appropriate box:

1.

- a. Banks
- b. Offshore Banking Units
- c. Quasi-Banks
- d. Trust Entities
- e. Non-Stock Savings and Loan Associations
- f. Pawnshops
- g. Foreign Exchange Dealers
- h. Money Changers
- i. Remittance Agents
- j. Electronic Money Issuers
- k. Financial Institutions which Under Special Laws are subject to Bangko Sentral ng Pilipinas' (BSP) supervision and/or regulation, including their subsidiaries and affiliates.

4. Jewelry dealers in precious metals, who, as a business, trade in precious metals

5. Jewelry dealers in precious stones, who, as a business, trade in precious stone

6. Company service providers which, as a business, provide any of the following services to third parties:

- a. acting as a formation agent of juridical persons
- b. acting as (or arranging for another person to act as) a director or corporate secretary of a company, a partner of a partnership, or a similar position in relation to other juridical persons
- c. providing a registered office, business address or accommodation, correspondence or administrative address for a company, a partnership or any other legal person or arrangement
- d. acting as (or arranging for another person to act as) a nominee shareholder for another person

7. Persons who provide any of the following services:

- a. managing of client money, securities or other assets
- b. management of bank, savings or securities accounts
- c. organization of contributions for the creation, operation or management of companies
- d. creation, operation or management of juridical persons or arrangements, and buying and selling business entities

8. None of the above

Describe nature of business:

Electric power generation, transmission and distribution.

2.

- a. Insurance Companies
- b. Insurance Agents
- c. Insurance Brokers
- d. Professional Reinsurers
- e. Reinsurance Brokers
- f. Holding Companies
- g. Holding Company Systems
- h. Pre-need Companies
- i. Mutual Benefit Association
- j. All Other Persons and entities supervised and/or regulated by the Insurance Commission (IC)

3.

- a. Securities Dealers
- b. Securities Brokers
- c. Securities Salesman
- d. Investment Houses
- e. Investment Agents and Consultants
- f. Trading Advisors
- g. Other entities managing Securities or rendering similar services
- h. Mutual Funds or Open-end Investment Companies
- i. Close-end Investment Companies
- j. Common Trust Funds or Issuers and other similar entities
- k. Transfer Companies and other similar entities
- l. Other entities administering or otherwise dealing in currency, commodities or financial derivatives based there on
- m. Entities administering or otherwise dealing in valuable objects
- n. Entities administering or otherwise dealing in cash Substitutes and other similar monetary instruments or property supervised and/or regulated by the Securities and Exchange Commission (SEC)

B. Has the Corporation complied with the requirements on Customer Due Dillgence (CDD) or Know Your Customer (KYC), record-keeping, and submission of reports under the AMLA, as amended, since the last filing of its GIS?

Yes No

GENERAL INFORMATION SHEET
STOCK CORPORATION

===== PLEASE PRINT LEGIBLY =====

CORPORATE NAME: ENERGY DEVELOPMENT CORPORATION

CAPITAL STRUCTURE (as of June 30, 2022)

AUTHORIZED CAPITAL STOCK

	TYPE OF SHARES *	NUMBER OF SHARES	PAR/STATED VALUE	AMOUNT (Php) (No. of shares X Par/Stated Value)
	COMMON	27,000,000,000	1.00	27,000,000,000.00
	VOTING PREF	15,000,000,000	0.01	150,000,000.00
	NON VOTING	300,000,000	10.00	3,000,000,000.00
TOTAL		42,300,000,000	TOTAL P	30,150,000,000.00

SUBSCRIBED CAPITAL

FILIPINO	NO. OF STOCK-HOLDERS	TYPE OF SHARES *	NUMBER OF SHARES	NUMBER OF SHARES IN THE HANDS OF THE PUBLIC **	PAR/STATED VALUE	AMOUNT (Php)	% OF OWNERSHIP
	939	COMMON	7,806,463,624		1.00	7,806,463,624.00	29.55%
	1	VOTING PREF	9,375,000,000		0.01	93,750,000.00	35.49%
	0	NON VOTING	0		10.00	0.00	0.00%
TOTAL			17,181,463,624	TOTAL	TOTAL P	7,900,213,624.00	65.04%

FOREIGN (INDICATE BY NATIONALITY)	NO. OF STOCK-HOLDERS	TYPE OF SHARES *	NUMBER OF SHARES	NUMBER OF SHARES IN THE HANDS OF THE PUBLIC **	PAR/STATED VALUE	AMOUNT (Php)	% OF OWNERSHIP
DUTCH	1	COMMON	9,226,249,810		1.00	9,226,249,810.00	34.93%
OTHERS	52	COMMON	8,859,338		1.00	8,859,338.00	0.03%
Percentage of Foreign Equity :			TOTAL	TOTAL	TOTAL P	9,235,109,148.00	34.96%
				TOTAL SUBSCRIBED	P	17,135,322,772.00	100.00%

PAID-UP CAPITAL

FILIPINO	NO. OF STOCK-HOLDERS	TYPE OF SHARES *	NUMBER OF SHARES	PAR/STATED VALUE	AMOUNT (Php)	% OF OWNERSHIP	
	939	COMMON	7,806,463,624	1.00	7,806,463,624.00	29.55%	
	1	VOTING PREF	9,375,000,000	0.01	93,750,000.00	35.49%	
	0	NON VOTING PREF	0	10.00	0.00	0.00%	
TOTAL			17,181,463,624	TOTAL P	7,900,213,624.00	65.04%	
FOREIGN (INDICATE BY NATIONALITY)	NO. OF STOCK-HOLDERS	TYPE OF SHARES *	NUMBER OF SHARES	PAR/STATED VALUE	AMOUNT (Php)	% OF OWNERSHIP	
DUTCH	1	COMMON	9,226,249,810	1.00	9,226,249,810.00	34.93%	
OTHERS	52	COMMON	8,859,338	1.00	8,859,338.00	0.03%	
TOTAL			9,235,109,148	TOTAL P	9,235,109,148.00	34.96%	
				TOTAL PAID-UP	P	***17,135,322,772.00	100.00%

NOTE: USE ADDITIONAL SHEET IF NECESSARY

* Common, Preferred or other classification

** Other than Directors, Officers, Shareholders owning 10% of outstanding shares.

*** This does not include Additional Paid In Capital (APIC) in the amount of Php8,715,108,001.00 as of December 31, 2021.

GENERAL INFORMATION SHEET

STOCK CORPORATION

PLEASE PRINT LEGIBLY

CORPORATE NAME: **ENERGY DEVELOPMENT CORPORATION**

DIRECTORS / OFFICERS

NAME/CURRENT RESIDENTIAL ADDRESS	NATIONALITY	INC'R	BOARD	GENDER	STOCK HOLDER	OFFICER	EXEC. COMM.	TAX IDENTIFICATION NUMBER
1. FEDERICO R. LOPEZ	Filipino	N	C	M	Y	Chairman & CEO	NCC/C, CSR/C, RPT/M, OpsCom/M	
2. RICHARD B. TANTOCO	Filipino	N	M	M	Y	President & COO	CSR/M, RPT/M, OpsCom/M	
3. FRANCIS GILES B. PUNO	Filipino	N	M	M	Y	N.A.	NCC/M, AGC/M, RMC/C, RPT/M, OpsCom/M	
4. JOAQUIN E. QUINTOS IV	Filipino	N	M	M	Y	N.A.	NCC/M, AGC/M, CSR/M, RPT/M, OpsCom/M	
5. JONATHAN C. RUSSELL	British	N	M	M	Y	N.A.	AGC/M, RMC/M, RPT/M, OpsCom/M, HSE/M	
6. DAVID ANDREW BALDWIN	Australian	N	M	M	Y	N.A.	CSR/M, OpsCom/M, HSE/M	
7. CHRISTOPHER LOW EU SUN	Malaysian	N	M	M	Y	N.A.	NCC/M, AGC/M, RMC/M, RPT/M	
8. -ANG ENG SENG	Singaporean	N	M	M	Y	N.A.	N.A.	
9. MANUEL I. AYALA	Filipino	N	I	M	Y	N.A.	NCC/M, AGC/C, RMC/M, RPT/M	
10. SEBASTIAN C. QUINIONES, JR.	Filipino	N	I	M	Y	N.A.	AGC/M, RPT/M, RMC/M, HSE/C	
11. TERESA GRACE SOCORRO G. LARA	Filipino	N	I	F	Y	N.A.	AGC/M, CSR/M, RMC/M, RPT/C,	
12. OSCAR M. LOPEZ	Filipino	N	N.A.	M	Y	Chairman Emeritus	N.A.	
13. VICTOR EMMANUEL B. SANTOS, JR.	Filipino	N	N.A.	M	Y	EVP & Regulatory Compliance Officer	N.A.	
14. JEROME H. CAINGLET	Filipino	N	N.A.	M	N	SVP & Deputy Chief Operating Officer	N.A.	
ERWIN O. AVANTE	Filipino	N	N.A.	M	N	SVP & CFO/Treasurer and Compliance Officer for SEC	N.A.	
16. MA. ELIZABETH D. NASOL	Filipino	N	N.A.	F	N	SVP	N.A.	

INSTRUCTION:

FOR SEX COLUMN, PUT "F" FOR FEMALE, "M" FOR MALE.

FOR BOARD COLUMN, PUT "C" FOR CHAIRMAN, "M" FOR MEMBER, "I" FOR INDEPENDENT DIRECTOR.

FOR INC'R COLUMN, PUT "Y" IF AN INCORPORATOR, "N" IF NOT.

FOR STOCKHOLDER COLUMN, PUT "Y" IF A STOCKHOLDER, "N" IF NOT.

FOR OFFICER COLUMN, INDICATE PARTICULAR POSITION IF AN OFFICER, FROM VP UP INCLUDING THE POSITION OF THE TREASURER.

FOR EXECUTIVE COMMITTEE, INDICATE "C" IF MEMBER OF THE COMPENSATION COMMITTEE; "A" FOR AUDIT COMMITTEE; "N" FOR NOMINATION AND ELECTION COMMITTEE. ADDITIONALLY WRITE "C" AFTER SLASH IF CHAIRMAN AND "M" IF MEMBER.

GENERAL INFORMATION SHEET

STOCK CORPORATION

PLEASE PRINT LEGIBLY

CORPORATE NAME: ENERGY DEVELOPMENT CORPORATION								
DIRECTORS / OFFICERS								
NAME/CURRENT RESIDENTIAL ADDRESS	NATIONALITY	INC'R	BOARD	GENDER	STOCK HOLDER	OFFICER	EXEC. COMM.	TAX IDENTIFICATION NUMBER
17. LIBERATO S. VIRATA	Filipino	N	N.A.	M	N	SVP	N.A.	
18. EMMANUEL C. PORTUGAL	Filipino	N	N.A.	M	N	VP & Chief Digital Transformation Officer	N.A.	
19. JENNIFER JOY S. SANTOS	Filipino	N	N.A.	F	N	Chief Transformation Officer	N.A.	
20. JAY JOEL L. SORIANO	Filipino	N	N.A.	M	N	Vice President	N.A.	
21. EDWIN H. ALCOBER	Filipino	N	N.A.	M	N	Vice President	N.A.	
22. JAMES E. JUMAWAN	Filipino	N	N.A.	M	N	Vice President	N.A.	
23. EMETERIO T. BUSMEON	Filipino	N	N.A.	M	N	Vice President	N.A.	
24. MARIBEL A. MANLAPAZ	Filipino	N	N.A.	F	N	Vice President	N.A.	
25. REGINA VICTORIA J. PASCUAL	Filipino	N	N.A.	F	N	Vice President	N.A.	
26. MARVIN KENNETH S. BAILON	Filipino	N	N.A.	M	N	Vice President	N.A.	
27. REMAN A. CHUA	Filipino	N	N.A.	M	N	Vice President	N.A.	
28. ARIEL ARMAN V. LAPUS	Filipino	N	N.A.	M	N	Vice President	N.A.	

INSTRUCTION:
 FOR SEX COLUMN, PUT "F" FOR FEMALE, "M" FOR MALE.
 FOR BOARD COLUMN, PUT "C" FOR CHAIRMAN, "M" FOR MEMBER, "I" FOR INDEPENDENT DIRECTOR.
 FOR INC'R COLUMN, PUT "Y" IF AN INCORPORATOR, "N" IF NOT.
 FOR STOCKHOLDER COLUMN, PUT "Y" IF A STOCKHOLDER, "N" IF NOT.
 FOR OFFICER COLUMN, INDICATE PARTICULAR POSITION IF AN OFFICER, FROM VP UP INCLUDING THE POSITION OF THE TREASURER,
 IF MEMBER OF THE COMPENSATION COMMITTEE, INDICATE "C" IF MEMBER OF THE COMPENSATION COMMITTEE; "A" FOR AUDIT COMMITTEE; "N" FOR NOMINATION AND ELECTION COMMITTEE. ADDITIONALLY WRITE "C" AFTER SLASH IF CHAIRMAN
 IF MEMBER.

GENERAL INFORMATION SHEET

STOCK CORPORATION

PLEASE PRINT LEGIBLY

CORPORATE NAME: **ENERGY DEVELOPMENT CORPORATION**

DIRECTORS / OFFICERS

NAME/CURRENT RESIDENTIAL ADDRESS	NATIONALITY	INC'R	BOARD	GENDER	STOCK HOLDER	OFFICER	EXEC. COMM.	TAX IDENTIFICATION NUMBER
29. GLENN L. TEE	Filipino	N	N.A.	M	N	AVP & Chief Audit Executive	N.A.	
30. RYAN Z. VELASCO	Filipino	N	N.A.	M	N	AVP & Corporate Information Officer	N.A.	
31. JOSEPH P. GUEVARRA	Filipino	N	N.A.	M	N	AVP & Chief Risk Officer	N.A.	
32. BERNADETTE ANN V. POLICARPIO	Filipino	N	N.A.	F	N	VP & Corporate Secretary	N.A.	
33. ANA MARIA A. KATIGBAK-LIM	Filipino	N	N.A.	F	N	Asst. Corporate Secretary	N.A.	
34. NOTHING FOLLOWS								
35.								
36.								
37.								
38.								
39.								
40.								
41.								
42.								
44.								

INSTRUCTION:

FOR SEX COLUMN, PUT "F" FOR FEMALE, "M" FOR MALE.

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GENERAL INFORMATION SHEET

STOCK CORPORATION

===== PLEASE PRINT LEGIBLY =====

CORPORATE NAME:		ENERGY DEVELOPMENT CORPORATION				
TOTAL NUMBER OF STOCKHOLDERS:	COMMON - 992 PREF - 1	NO. OF STOCKHOLDERS WITH 100 OR MORE SHARES EACH:			894	
TOTAL ASSETS BASED ON LATEST AUDITED FINANCIAL STATEMENTS:		Php112,861,726,408.00 (as of December 31, 2021)				
STOCKHOLDER'S INFORMATION (as of June 30, 2022)						
NAME, NATIONALITY AND CURRENT RESIDENTIAL ADDRESS	SHARES SUBSCRIBED				AMOUNT PAID (PhP)	TAX IDENTIFICATION NUMBER
	TYPE	NUMBER	AMOUNT (PhP)	% OF OWNERSHIP		
1 RED VULCAN HOLDINGS CORPORATION FILIPINO 6th Floor Rockwell Business Center Tower 3, Ortigas Avenue, Pasig City 1604	C	7,500,000,000	7,500,000,000.00	63.880%	7,593,750,000.00	006-890-575
	P	9,375,000,000	93,750,000.00			
	TOTAL	16,875,000,000	7,593,750,000.00			
2. PHILIPPINES RENEWABLE ENERGY HOLDINGS CORPORATION DUTCH Level 22-6750 Office Tower Ayala Avenue, Ayala Center, Brgy. San Lorenzo, Makati City 1223	C	9,226,249,810	9,226,249,810.00	34.930%	9,226,249,810.00	009-756-055
	TOTAL	9,226,249,810	9,226,249,810.00			
	C	148,910,559	148,910,559.00			
TOTAL	148,910,559	148,910,559.00				
C	148,092,918	148,092,918.00	0.561%	148,092,918.00	007-868-500	
TOTAL	148,092,918	148,092,918.00				
C	2,820,130	2,820,130.00				0.011%
TOTAL	2,820,130	2,820,130.00				
C	2,174,006	2,174,006.00	0.008%	2,174,006.00	004-774-849	
TOTAL	2,174,006	2,174,006.00				
C	956,000	956,000.00				0.004%
TOTAL	956,000	956,000.00				
TOTAL AMOUNT OF SUBSCRIBED CAPITAL				99.96%	17,122,953,423.00	
TOTAL AMOUNT OF PAID-UP CAPITAL						

INSTRUCTION: SPECIFY THE TOP 20 STOCKHOLDERS AND INDICATE THE REST AS OTHERS

Note: For PDTC Nominee included in the list, please indicate further the beneficial owners owning more than 5% of any class of the company's voting securities. Attach separate sheet, if necessary.

GENERAL INFORMATION SHEET

STOCK CORPORATION

===== PLEASE PRINT LEGIBLY =====

CORPORATE NAME:		ENERGY DEVELOPMENT CORPORATION				
TOTAL NUMBER OF STOCKHOLDERS:	COMMON - 992 PREF - 1	NO. OF STOCKHOLDERS WITH 100 OR MORE SHARES EACH:			894	
TOTAL ASSETS BASED ON LATEST AUDITED FINANCIAL STATEMENTS:		Php112,861,726,408.00 (as of December 31, 2021)				
STOCKHOLDER'S INFORMATION (as of June 30, 2022)						
NAME, NATIONALITY AND CURRENT RESIDENTIAL ADDRESS	SHARES SUBSCRIBED				AMOUNT PAID (Php)	TAX IDENTIFICATION NUMBER
	TYPE	NUMBER	AMOUNT (Php)	% OF OWNERSHIP		
8. HSBC MANILA OBO 000-596551-550 FOREIGN HSBC Centre 3058 Fifth Ave. West, Bonifacio Global City, Taguig City 163	C	933,298	933,298.00	0.004%	933,298.00	000-504-444
	TOTAL	933,298	933,298.00			
9. HSBC MANILA OBO 000-599746-550 FOREIGN HSBC Centre 3058 Fifth Ave. West, Bonifacio Global City, Taguig City 163	C	849,500	849,500.00	0.003%	849,500.00	000-504-444
	TOTAL	849,500	849,500.00			
10. DEUTSCHE BANK AG MANILA OBO UBS LDN IPB SCA A/C 12107074001 FOREIGN 19F Net Quad Center 31st St. corner 4th Ave. E-Square Zone, Crescent Park West Bonifacio Global City, Taguig City 1634	C	833,827	833,827.00	0.003%	833,827.00	178-327-903
	TOTAL	833,827	833,827.00			
11. ROSALIND CAMARA FILIPINO	C	663,750	663,750.00	0.003%	663,750.00	
	TOTAL	663,750	663,750.00			
12. DEUTSCHE BANK AG MANILA OBO DBTCA ADR DEPT A/C 12069784000 AMERICAN 19F Net Quad Center 31st St. corner 4th Ave. E-Square Zone, Crescent Park West Bonifacio Global City, Taguig City 1634	C	470,700	470,700.00	0.002%	470,700.00	178-327-903
	TOTAL	470,700	470,700.00			
13. DEUTSCHE BANK AG MANILA OBO DBLDN EQT HSE A/C 12036454000 FOREIGN 19F Net Quad Center 31st St. corner 4th Ave. E-Square Zone, Crescent Park West Bonifacio Global City, Taguig City 1634	C	469,128	469,128.00	0.002%	469,128.00	178-327-903
	TOTAL	469,128	469,128.00			
14 VIRGINIA MARIA D. NICOLAS FILIPINO	C	393,000	393,000.00	0.001%	393,000.00	
	TOTAL	393,000	393,000.00			
TOTAL AMOUNT OF SUBSCRIBED CAPITAL				99.977%	17,127,566,626.00	
TOTAL AMOUNT OF PAID-UP CAPITAL						

INSTRUCTION: SPECIFY THE TOP 20 STOCKHOLDERS AND INDICATE THE REST AS OTHERS

Note: For PDTC Nominee included in the list, please indicate further the beneficial owners owning more than 5% of any class of the company's voting securities. Attach separate sheet, if necessary.

GENERAL INFORMATION SHEET

STOCK CORPORATION

===== PLEASE PRINT LEGIBLY =====

CORPORATE NAME:		ENERGY DEVELOPMENT CORPORATION				
TOTAL NUMBER OF STOCKHOLDERS:	COMMON - 992 PREF - 1	NO. OF STOCKHOLDERS WITH 100 OR MORE SHARES EACH:			894	
TOTAL ASSETS BASED ON LATEST AUDITED FINANCIAL STATEMENTS:		Php112,861,726,408.00 (as of December 31, 2021)				
STOCKHOLDER'S INFORMATION (as of June 30, 2022)						
NAME, NATIONALITY AND CURRENT RESIDENTIAL ADDRESS	SHARES SUBSCRIBED				AMOUNT PAID (PhP)	TAX IDENTIFICATION NUMBER
	TYPE	NUMBER	AMOUNT (PhP)	% OF OWNER-SHIP		
15. DEUTSCHE BANK AG MANILA OBO UBS LDN-ASIA EQ A/C 12106244000 FOREIGN 19F Net Quad Center 31st St. corner 4th Ave. E-Square Zone, Crescent Park West Bonifacio Global City, Taguig City 1634	C	325,800	325,800.00	0.001%	325,800.00	178-327-903
	TOTAL	325,800	325,800.00			
16. HSBC MANILA OBO 000-137919-550 FOREIGN HSBC Centre 3058 Fifth Ave. West, Bonifacio Global City, Taguig City 163	C	322,500	322,500.00	0.001%	322,500.00	000-504-444
	TOTAL	322,500	322,500.00			
17. SCB OBO BCSL CLIENT AC PB CAYMAN CLIENTS SINGAPOREAN c/o Standard Chartered Bank 7F Securities Services Operations 6788 Ayala Avenue, Makati City	C	306,800	306,800.00	0.001%	306,800.00	000-333-108
	TOTAL	306,800	306,800.00			
18. DEUTSCHE BANK AG MANILA OBO BNYM SA COGUC A/C 12113904114 FOREIGN 19F Net Quad Center 31st St. corner 4th Ave. E-Square Zone, Crescent Park West Bonifacio Global City, Taguig City 1634	C	270,500	270,500.00	0.001%	270,500.00	178-327-903
	TOTAL	270,500	270,500.00			
19. CITIBANK NA MLA OBO 1100200009 FOREIGN 2F Citibank Center 87 Paseo de Roxas, Makati City	C	259,300	259,300.00	0.001%	259,300.00	444-734-000
	TOTAL	259,300	259,300.00			
20. DEUTSCHE BANK AG MANILA OBO SSBTC FUND WBJZ A/C 12087022859 FOREIGN 19F Net Quad Center 31st St. corner 4th Ave. E-Square Zone, Crescent Park West Bonifacio Global City, Taguig City 1634	C	231,800	231,800.00	0.001%	231,800.00	444-734-000
	TOTAL	231,800	231,800.00			
21. OTHERS (Indicate the number of the remaining stockholders)	C	6,039,446	6,039,446.00	0.023%	6,039,446.00	N.A.
	TOTAL	6,039,446	6,039,446.00			
TOTAL AMOUNT OF SUBSCRIBED CAPITAL				100.00%	*17,135,322,772.00	
TOTAL AMOUNT OF PAID-UP CAPITAL						
INSTRUCTION: SPECIFY THE TOP 20 STOCKHOLDERS AND INDICATE THE REST AS OTHERS						
<i>Note: For PDTC Nominee included in the list, please indicate further the beneficial owners owning more than 5% of any class of the company's voting securities. Attach separate sheet, if necessary.</i>						

*This does not include Additional Paid-In Capital (APIC) in the amount of Php8,715,108,001.00 as of December 31, 2021.

GENERAL INFORMATION SHEET

STOCK CORPORATION

PLEASE PRINT LEGIBLY

CORPORATE NAME: ENERGY DEVELOPMENT CORPORATION			
1. INVESTMENT OF CORPORATE FUNDS IN ANOTHER CORPORATION		AMOUNT (PhP)	DATE OF BOARD RESOLUTION
1.1 STOCKS		19,181,097,740.33	N.A.
1.2 BONDS/COMMERCIAL PAPER (Issued by Private Corporations)		156,307,685.00	N.A.
1.3 LOANS/ CREDITS/ ADVANCES		N.A.	N.A.
1.4 GOVERNMENT TREASURY BILLS		N.A.	N.A.
1.5 OTHERS		414,426,539.38	N.A.
2. INVESTMENT OF CORPORATE FUNDS IN ACTIVITIES UNDER ITS SECONDARY PURPOSES (PLEASE SPECIFY:)		DATE OF BOARD RESOLUTION	DATE OF STOCKHOLDERS RATIFICATION
N.A.		N.A.	N.A.
3. TREASURY SHARES (as of June 30, 2022):		NO. OF SHARES	% AS TO THE TOTAL NO. OF SHARES ISSUED
		2,034,677,228	11.940%
4. UNRESTRICTED/UNAPPROPRIATED RETAINED EARNINGS AS OF END OF LAST FISCAL YEAR: Php31,303,459,532.00			
5. DIVIDENDS DECLARED DURING THE IMMEDIATELY PRECEDING YEAR:			
TYPE OF DIVIDEND		AMOUNT (PhP)	DATE DECLARED
5.1 CASH		2,500,000,000.00	November 18, 2021
		2,793,500,000.00	May 11, 2021
5.2 STOCK		N.A.	N.A.
5.3 PROPERTY		N.A.	N.A.
TOTAL		5,293,500,000.00	
6. ADDITIONAL SHARES ISSUED DURING THE PERIOD: N/A			
DATE	NO. OF SHARES	AMOUNT	
N/A	N/A	N/A	
SECONDARY LICENSE/REGISTRATION WITH SEC AND OTHER GOV'T AGENCY:			
NAME OF AGENCY:	SEC	B S P	I C
TYPE OF LICENSE/REGN.	Certificate of Permit to Offer Securities for Sale	N.A.	N.A.
DATE ISSUED:	June 14, 2021 April 19, 2013 November 16, 2009	N.A.	N.A.
DATE STARTED OPERATIONS:	1983	N.A.	N.A.
TOTAL ANNUAL COMPENSATION OF DIRECTORS DURING THE PRECEDING FISCAL YEAR (in PhP)	TOTAL NO. OF OFFICERS	TOTAL NO. OF RANK & FILE EMPLOYEES	TOTAL MANPOWER COMPLEMENT
PhP32,648,664.00*	117 (Officers, Executives and Managers as of May 31, 2022)	125 (as of May 31, 2022)	1,409 (as of May 31, 2022)

NOTE: USE ADDITIONAL SHEET IF NECESSARY

*Total remuneration, gross of tax.

I, **BERNADETTE ANN V. POLICARPIO**, Corporate Secretary of **ENERGY DEVELOPMENT CORPORATION** declare under penalty of perjury that all matters set forth in this GIS have been made in good faith, duly verified by me and to the best of my knowledge and belief are true and correct.

I hereby attest that all the information in this GIS are being submitted in compliance with the rules and regulations of the Securities and Exchange Commission (SEC), the collection, processing, storage and sharing of said information being necessary to carry out the functions of public authority for the performance of the constitutionally and statutorily mandated functions of the SEC as a regulatory agency.

I further attest that I have been authorized by the Board of Directors/Trustees to file this GIS with the SEC.


I understand that the Commission may place the corporation under delinquent status for failure to submit the reportorial requirements three (3) times, consecutively or intermittently, within a period of five (5) years (*Section 177, RA No. 11232*).

Done this 25 July 2022 in Pasig City, Metro Manila.


BERNADETTE ANN V. POLICARPIO

SUBSCRIBED AND SWORN TO before me in Pasig City on 25 July 2022 by affiant who personally appeared before me and exhibited to me her competent evidence of identity consisting of Passport No. P7343464A issued on 26 May 2018 in DFA NCR East.

Doc. No. 411;
Page No. 84;
Book No. V;
Series of 2022.


ATTY. MARITAP LAGOS
Notary Public - Cities of Pasig, Taguig & San Juan &
Municipality of Pateros until *30 June 2022
Appointment No. 223 (2019-2020)
10th Floor, Rockwell Business Center Tower 3
Ortigas Avenue, Pasig City
IBP No. 1041184/5-23-16/IBP Rizal Chapter (lifetime member)
PTR No. 8121840/1-4-2022/Pasig City
MCLE VI-0002225/4-14-2019
Roll of Attorneys No. 65937
*Notarial Commission extended until 31 December 2022
as per Supreme Court En Banc Resolution dated 5 July 2022.

Annex "A"
General Information Sheet
For the Year 2022
ENERGY DEVELOPMENT CORPORATION

Primary Purpose:

To explore, discover, develop, extract, dig and drill for, produce, utilize, refine, treat, process, transport, market, use, experiment with, distribute, manufacture, smelt or otherwise deal in, any substance, mineral or otherwise, which by itself or in combination with other substances, or after processing or refining, or the application to it of technology emanates, gives off, generates or causes the emanation of generation of heat or power or energy such as, but not limited to, petroleum or oil, coal, marsh gas, methane gas, geothermal sources of heat and power, uranium and other minerals and fossil deposits; to engage in the generation, sale, and supply of electricity from renewable energy sources, including participation and trading in any market for electricity, ancillary power, or intangible assets, such as tradable certificates and other financial instruments, without engaging in the business of an investment company or a broker or dealer of securities; to engage in additional business activities arising from or related to the Company's primary purpose, such as those related to energy storage, provision of ancillary services, and energy trading transactions; and to promote, offer, negotiate, conclude, execute, sell, engage in and/or render technical consultancy services whether locally or abroad

ENERGY DEVELOPMENT CORPORATION

	PARENT COMPANY	SEC REGISTRATION NO.	ADDRESS
1	Red Vulcan Holdings Corporation	CS 200715747	6th Floor, Rockwell Business Center, Tower 3, Ortigas Avenue, Pasig City
	SUBSIDIARY/AFFILIATE	SEC REGISTRATION NO.	ADDRESS
2	Bac-Man Energy Development Corporation	CS201116862	Rockwell Business Center Tower 3, Ortigas Avenue, Pasig City, Philippines
3	Bac-Man Geothermal Inc.	CS201005556	Rockwell Business Center Tower 3, Ortigas Avenue, Pasig City, Philippines
4	EDC Siklab Power Corporation	CS201409903	Rockwell Business Center Tower 3, Ortigas Avenue, Pasig City, Philippines
5	EDC Bayog Burgos Wind Power Corporation	CS201409904	Rockwell Business Center Tower 3, Ortigas Avenue, Pasig City, Philippines
6	EDC Bright Solar Energy Holdings, Inc.	CS201409893	Rockwell Business Center Tower 3, Ortigas Avenue, Pasig City, Philippines
7	EDC Sinag Power Corporation	CS201422679	Rockwell Business Center Tower 3, Ortigas Avenue, Pasig City, Philippines
8	EDC Burgos Wind Power Corporation	CS201005729	Rockwell Business Center Tower 3, Ortigas Avenue, Pasig City, Philippines
9	EDC Geothermal Corp.	CS200805354	Rockwell Business Center Tower 3, Ortigas Avenue, Pasig City, Philippines
10	EDC Pagali Burgos Wind Power Corporation	CS201409902	Rockwell Business Center Tower 3, Ortigas Avenue, Pasig City, Philippines
11	EDC Pagudpud Wind Power Corporation	CS201203899	Rockwell Business Center Tower 3, Ortigas Avenue, Pasig City, Philippines
12	EDC Wind Energy Holdings Inc.	CS201005793	Rockwell Business Center Tower 3, Ortigas Avenue, Pasig City, Philippines
13	EDC Wind Energy Holdings 2 Inc.	CS201700423	Rockwell Business Center Tower 3, Ortigas Avenue, Pasig City, Philippines
14	First Gen Hydro Power Corporation	200603812	Rockwell Business Center Tower 3, Ortigas Avenue, Pasig City, Philippines
15	Green Core Geothermal Inc.	CS200909441	Rockwell Business Center Tower 3, Ortigas Avenue, Pasig City, Philippines
16	Iloilo 1 Renewable Energy Corporation	CS201602617	Rockwell Business Center Tower 3, Ortigas Avenue, Pasig City, Philippines
17	Unified Leyte Geothermal Energy Inc.	CS201009547	Rockwell Business Center Tower 3, Ortigas Avenue, Pasig City, Philippines
-Nothing Follows-			

GENERAL INFORMATION SHEET

STOCK CORPORATION

ENERGY DEVELOPMENT CORPORATION

	INTERNATIONAL SUBSIDIARY/AFFILIATE	REGISTRATION NO.	ADDRESS
1	EDC Energia Verde Peru S.A.C.	RUC20523998316	Av. Jose Larco 1232 -Piso 03-114 Miraflores
2	EDC Geotermica S.A.C. (Peru)	RUC20546803172	Av. Jose Larco 1232 -Piso 03-114 Miraflores
3	EDC Peru Holdings S.A.C.	RUC20546796390	Av. Jose Larco 1232 -Piso 03-114 Miraflores
4	Energy Development Corporation Peru S.A.C.	RUC20549312048	Av. Jose Larco 1232 -Piso 03-114 Miraflores
5	EDC Energia Azul S.A.C.	RUC20553121095	Av. Manuel Olguin 335, Int. 1301 (Edificio Link Tower) Santiago de Surco, Lima, Peru
6	EDC Energia Geotermica S.A.C.	RUC20553121842	Av. Manuel Olguin 335, Int. 1301 (Edificio Link Tower) Santiago de Surco, Lima, Peru
7	EDC Energia Peru S.A.C.	RUC20553122229	Av. Manuel Olguin 335, Int. 1301 (Edificio Link Tower) Santiago de Surco, Lima, Peru
8	EDC Energia Renovable Peru S.A.C.	RUC20553121419	Av. Manuel Olguin 335, Int. 1301 (Edificio Link Tower) Santiago de Surco, Lima, Peru
9	EDC Geotermica Del Sur S.A.C.	RUC20553155828	Av. Manuel Olguin 335, Int. 1301 (Edificio Link Tower) Santiago de Surco, Lima, Peru
10	EDC Progreso Geotermico Peru S.A.C.	RUC20553123543	Av. Manuel Olguin 335, Int. 1301 (Edificio Link Tower) Santiago de Surco, Lima, Peru
11	Geotermica Andina S.A.C.	RUC20566214238	Av. Alfredo Benavides 1555, Int. 401, Miraflores, Lima, Peru
12	Geotermica Chocopata Peru S.A.C.	RUC20553123543	Av. Manuel Olguin 335, Int. 1301 (Edificio Link Tower) Santiago de Surco, Lima, Peru
13	Geotermica Crucero Peru S.A.C.	RUC20553832943	Av. Manuel Olguin 335, Int. 1301 (Edificio Link Tower) Santiago de Surco, Lima, Peru
14	Geotermica Loriscota Peru S.A.C.	RUC20553835969	Av. Manuel Olguin 335, Int. 1301 (Edificio Link Tower) Santiago de Surco, Lima, Peru
15	Geotermica Tutupaca Norte Peru S.A.C.	RUC20553942617	Av. Manuel Olguin 335, Int. 1301 (Edificio Link Tower) Santiago de Surco, Lima, Peru
16	Geotermica Pinchollo Libre Perú S.A.C.	13463561	Av. Manuel Olguin 335, Int. 1301 (Edificio Link Tower) Santiago de Surco, Lima, Peru
17	EDC Chile Holdings SPA	RUT 76 197 432-7	Cerro El Plomo 5630, piso 9, oficina 913, Las Condes,
18	EDC Geotermica SPA (Chile)	RUT 76 197 434-3	Cerro El Plomo 5630, piso 9, oficina 913, Las Condes,
19	Energy Development (EDC) Corporation Chile	RUT 76 088 983-0	Cerro El Plomo 5630, piso 9, oficina 913, Las Condes,
20	Compañía de Energía Limitada	RUT 76 024 528 3	Cerro El Plomo 5630, piso 9, oficina 913, Las Condes,
21	EDC Desarrollo Sostenible Limited	1561148	Wickhams Cay II, Road Town, Tortola, VG1110, British Virgin
22	EDC Holdings International Limited	Co. No. 1666811	Wickhams Cay II, Road Town, Tortola, VG1110, British Virgin
23	EDC Soluciones Sostenibles Ltd.	1561147	Wickhams Cay II, Road Town, Tortola, VG1110, British Virgin Islands
24	EDC Hong Kong Limited	Certificate of Incorporation No. 1682968	RMS 1101-04, 38 Gloucester Rd. Hong Kong
25	Energy Development Corporation Hong Kong International Investments Limited	Certificate of Incorporation No. 2453473	RMS 1101-04, 38 Gloucester Rd., Hong Kong
26	PT. EDC Indonesia	AHU-39656, AH.01.01. Tahun 2012	Soho Pancoran, 15th Floor Tower Splendor 1507 Jl. Letnan Jenderal MT. Haryono, Kaveling 2-3, RT 001/RW 006, West Tebet, Tebet, DKI Jakarta 12810, Indonesia
27	PT. EDC Panas Bumi Indonesia	AHU-40204.AH.01.01. Tahun 2012	Soho Pancoran, 15th Floor Tower Splendor 1507 Jl. Letnan Jenderal MT. Haryono, Kaveling 2-3, RT 001/RW 006, West Tebet, Tebet, DKI Jakarta 12810, Indonesia

-Nothing Follows-

AFFIDAVIT OF UNDERTAKING

REPUBLIC OF THE PHILIPPINES)
MALABAL CITY) S. S.

I, MIGUEL LORENZO S. DE VERA, of legal age, Filipino, with office address at Rockwell Business Center Tower 3, Ortigas Avenue, Pasig City, after being sworn in accordance with law, depose and say that:

- 3. I am a Vice President of Energy Development Corporation ("EDC" or "the Company"), a corporation duly organized and validly existing under and by virtue of the laws of the Republic of the Philippines, with principal office address at Rockwell Business Center Tower 3, Ortigas Avenue, Pasig City; and
- 4. In connection with EDC's Tongonan Energy Storage System ("Project") which I oversee as Head of New Business and Technologies, I undertake that the proposed interconnection of the Project to the nearest 138-kV switchyard—which will involve constructing an approximately 200-meter transmission line from the Project up to the existing Tongonan Switchyard of Green Core Geothermal Inc. ("GCGI") —will comply with the relevant provisions of the 2016 Philippine Grid Code.

IN WITNESS WHEREOF, I have hereunto set my hand this JAN 26, 2024 day of JANUARY 2024, in MALABAL CITY City, Philippines.

MIGUEL LORENZO S. DE VERA
Affiant

SUBSCRIBED AND SWORN to before me this JAN 26, 2024 day of JANUARY 2024 at MALABAL CITY City, Affiant exhibiting to me his Driver's License, with License No. NO306009161 issued by the Land Transportation Office and expiring on December 12, 2032 as competent evidence of his identity.

NOTARY PUBLIC

Doc. No. 349;
Page No. 31;
Book No. 24;
Series of 2024.

Notary Public
 Roll No. 4090/111
 PTE No. 10075509
 MOLS No. VE P No. 11/04-20-0203
 City: Malabon Station 100, Malabon City
 Legal Village, Malabon City

Employee ID	First Name	Last Name	Preferred Name	Group Head Name	Business Title	Position	Group	Work Location	Main Location
10001762	Allan	Biondo	Alban Biondo	Liberato Virata	Head-Maintenance Team 2 (L6)	Head-Maintenance Team 2 (L6)	Facilities O&M	GCGI Tongonan PP Complex	EDC Leyte
10001656	Eventzer	Surbano	Eventzer Surbano	Liberato Virata	Planner/Scheduler - MT 2 Leyte	Planner/Scheduler	Facilities O&M	Century Building	EDC Leyte
10001897	Fernando	Son	Fernando Son	Liberato Virata	Technician-Maintenance	Technician-Maintenance	Facilities O&M	Leyte Admin Complex	EDC Leyte
10001819	Annel	Magalaso	Annel Magalaso	Liberato Virata	Senior Engineer-Maintenance	Senior Engineer-Maintenance	Facilities O&M	Leyte Admin Complex	EDC Leyte
10001823	Pedro	Matugas	Pedro Matugas	Liberato Virata	Senior Technician-Maintenance	Senior Technician-Maintenance	Facilities O&M	Leyte Admin Complex	EDC Leyte
10001830	Edwin	Almoro	Edwin Almoro	Liberato Virata	Engineer-Maintenance	Engineer-Maintenance	Facilities O&M	Leyte Admin Complex	EDC Leyte
10001832	Wiljun	Canela	Jun Canela	Liberato Virata	Engineer-Maintenance	Engineer-Maintenance	Facilities O&M	Leyte Admin Complex	EDC Leyte
10001837	Emiliano	Abarquez	Emiliano Abarquez	Liberato Virata	Technician-Maintenance	Technician-Maintenance	Facilities O&M	Leyte Admin Complex	EDC Leyte
10002963	Celfred	Felicita	Celfredo Felicita	Liberato Virata	Senior Engineer-Maintenance	Senior Engineer-Maintenance	Facilities O&M	GCGI Tongonan PP Complex	EDC Leyte
10002070	Christian Vic	Sotto	Christian Vic Sotto	Liberato Virata	Senior Engineer-Maintenance	Senior Engineer-Maintenance	Facilities O&M	GCGI Tongonan PP Complex	EDC Leyte
10002073	Elmer	Sano	Elmer Sano	Liberato Virata	Senior Technician-Maintenance	Senior Technician-Maintenance	Facilities O&M	GCGI Tongonan PP Complex	EDC Leyte
10002074	Carlo Caesar	Medalla	Carlo Caesar Medalla	Liberato Virata	Senior Technician-Maintenance	Senior Technician-Maintenance	Facilities O&M	GCGI Tongonan PP Complex	EDC Leyte



Republic of the Philippines
DEPARTMENT OF ENERGY
(Kagawaran ng Enerhiya)

06 July 2023

DR. CEFERINO S. RODOLFO
Undersecretary and Managing Head
BOARD OF INVESTMENTS
Department of Trade and Industry
Industry and Investments Building
385 Sen. Gil J. Puyat Ave., Makati City

Attention: **Executive Director MA. CORAZON HALILI-DICHOSA**
Industry Development Services

Subject: **Endorsement of Energy Development Corporation's
Tongonan Energy Storage System for Registration
under CREATE Act**

(DOE-EPIMB-BOI No. 2023-07-005)

Dear Undersecretary Rodolfo:

This refers to the application of **ENERGY DEVELOPMENT CORPORATION (EDC)** for the registration of 10 MW / 10 MWh Tongonan Energy Storage System, located in Barangay Lim-ao, Kananga, Leyte, with your office.

After review of EDC's application and compliance with the Department of Energy's documentary requirements, the project is respectfully endorsed for registration under Tier I of Republic Act No. 11534 or the Corporate Recovery and Tax Incentives for Enterprises Act (CREATE Act).

The merits of the project considered in this endorsement are contained in the attachment/s.

Very truly yours,

IRMA C. EXCONDE
Director IV
Electric Power Industry Management Bureau

cc: Secretary Raphael P.M. Lotilla
Undersecretary Rowena Cristina L. Guevara, Ph. D.
Assistant Secretary Mario C. Marasigan, CESO III
OIC-Chief Hazel Jeanne O. Vicencio, IAD

ATTACHMENTS:

1. General Information

Name of Entity:	Energy Development Corporation (EDC)
Project Applied:	Tongonan Energy Storage System (TESS)
Project Cost:	Php 1,276,427,570.13
Capacity Applied:	10 MW / 10 MWh
Location of Applied Project:	Barangay Lim-ao, Kananga, Leyte
Employment Generation:	100 during construction / 2 during operation
Target Commercial Operation:	December 2024

Market Situation (domestic and/or international):

- On 20 April 2023, the DOE has promulgated Department Circular No. DC2023-04-0008 to encourage the development and investments in energy storage system technologies to support renewable energy (RE) power generation projects integration and grid stability.
- EDC has determined that the energy stored in the TESS can provide Ancillary Services such as Regulating Reserve and Contingency Reserve, which can be sold through the following channels:
 1. Competitive Selection Process (CSP) for AS;
 2. Reserve Market; and
 3. Wholesale Electricity Spot Market ("WESM").

Supply Situation (domestic and/or international):

- As presented by the EDC in the Single Line Diagram, the TESS is a stand alone facility that will draw power from the grid.
- Based on the 2024 Ancillary Services Agreement Procurement Plan submission of the National Grid Corporation of the Philippines, AS requirements for the Visayas grid will increase from 116 MW for RR in 2024 to 219 MW in 2033 while CR requirement is projected at 153 MW during the planning period.

2. Compliance with Tier I Qualification Requirements of the 2022 SIPP
(Required for all projects)

- a. High potential for job creation. The project is projected to generate approximately 100 jobs during construction and 2 during operations;
- b. Generate value creation moving up value chain as follows:

ATTACHMENTS:

- b.1. The ESS supports regulation of imbalances between supply and demand characterized by small deviations in system frequency due to the variation in loads and generator outputs from time to time, even during normal system conditions; and
- b.2. The ESS covers the loss or failure of a synchronized generating unit, transmission line or the power import from a single circuit interconnection, whichever is larger. Whenever the total supply or generation in the Grid is reduced due to tripping of a generating unit, loss of a transmission line link, or loss of a single circuit interconnection, there must be capacity allocated and immediately available in order to maintain the balance between generation and load on a real time basis.
- c. Overall, EDC's TESS will contribute to the efficient, stable, and reliable operation of the electric power industry.

ANNEX "E-Series"

Employee Profile

Copy for ENERGY REGULATORY COMMISSION

As of July 15, 2025

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PERSONAL INFORMATION

Name	JOE ELDEN D. LAGAN		
Position/Designation	Lead-Production Shift	Work Email	lagan.jed@energy.com.ph

WORK EXPERIENCE

Position	Company	Inclusive Dates
Lead-Production Shift Tongonan	Energy Development Corporation	March 2025 - Present
Engineer- Production Tongonan	Energy Development Corporation	September 2018 - February 2025
Roving Engineer - Tongonan	Energy Development Corporation	May 2017 - August 2018
Cadet Engineer	Energy Development Corporation	May 2016 - May 2017
Project Engineer and Electrician	F and E Electrical Services and Supply	September 2015 - March 2016

EDUCATIONAL BACKGROUND / OTHER CREDENTIALS

Degree Received	Name of Institution	Year Last Attended
Bachelor of Science in Electrical Engineering	Palompon Institute of Technology	2014-2015

PROFESSIONAL LICENSES/CERTIFICATIONS

PRC Registered Electrical Engineer; PRC Registered Master Electrician

Employee Profile

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As of July 15, 2025

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PERSONAL INFORMATION

Name	EMMANUEL L. BALIÑA JR.		
Position/Designation	Senior Operator - Production	Work Email	balinajr.el@energy.com.ph

WORK EXPERIENCE

Position	Company	Inclusive Dates
Senior Operator-Production	Energy Development Corporation	December 2021 - Present
Engineer - O&M Resource Support	Energy Development Corporation	July 2019 - November 2021
Facility Operations Engineer	Energy Development Corporation	February 2019-June 2019
Cadet Engineer	Energy Development Corporation	May 2018-January 2019
OSP Design Engineer	Wuhan Fiberhome Internation Tech Philippines, Inc	October 2016 - March 2018

EDUCATIONAL BACKGROUND / OTHER CREDENTIALS

Degree Received	Name of Institution	Year Last Attended
BS in Electrical Engineering	Southern Leyte State University	2014

PROFESSIONAL LICENSES/CERTIFICATIONS

PRC Registered Electrical Engineer 2014

Employee Profile

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As of July 15, 2025

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PERSONAL INFORMATION

Name	LEXTER V. ALONZO		
Position/Designation	Engineer-Production	Work Email	alonzo.lv@energy.com.ph

WORK EXPERIENCE

Position	Company	Inclusive Dates
Engineer-Production	Energy Development Corp.	November 2021 to Present
Senior Operator-Production	Energy Development Corp.	August 2019 - October 2021
Facility Operations Engineer	Energy Development Corporation	February 2019-July 2019
Cadet Engineer	Energy Development Corporation	May 2018-January 2019
Row Assistant	National Grid Corporation of the Philippines	March 2018-April 2018

EDUCATIONAL BACKGROUND / OTHER CREDENTIALS

Degree Received	Name of Institution	Year Last Attended
BS in Electrical Engineering	Eastern Visayas State University	2017

PROFESSIONAL LICENSES/CERTIFICATIONS

PRC Registered Electrical Engineer 2017; PRC Registered Master Electrician 2017

Employee Profile

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As of July 15, 2025

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PERSONAL INFORMATION

Name	JODERIC J. QUIROS		
Position/Designation	Engineer - Production	Work Email	quiros.jj@energy.com.ph

WORK EXPERIENCE

Position	Company	Inclusive Dates
Engineer - Production	Energy Development Corp.	May 16 2025 up to present
CADET ENGINEER	Energy Development Corp.	April 01, 2024-September 30, 2024

EDUCATIONAL BACKGROUND / OTHER CREDENTIALS

Degree Received	Name of Institution	Year Last Attended
Bachelor of Science in Electrical Engineering - Licensed Electrical Engineer (May 02, 2023)	Eastern Visayas State University-Ormoc City Campus	2022

PROFESSIONAL LICENSES/CERTIFICATIONS

PRC - Licensed Electrical Engineer (May 02, 2023)

Employee Profile

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As of July 15, 2025

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PERSONAL INFORMATION

Name	CHRISTIAN VIC C. SOTTO		
Position/Designation	Senior Engineer - Maintenance	Work Email	sotto.cc@energy.com.ph

WORK EXPERIENCE

Position	Company	Inclusive Dates
Senior Engineer - Maintenance	Energy Development Corporation	August 2019 to Present
Electrical Maintenance Engineer	Energy Development Corporation	September 2017 - July 2019
Electrical Engineer	Energy Development Corporation	September 2010 - August 2017
Cadet Enginner	Energy Development Corporation	January 2010 - July 2010

EDUCATIONAL BACKGROUND / OTHER CREDENTIALS

Degree Received	Name of Institution	Year Last Attended
BS in Electrical Engineering (Cum Laude)	Eastern Visayas State University	2009

PROFESSIONAL LICENSES/CERTIFICATIONS

PRC Registered Electrical Engineer

Employee Profile

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As of July 15, 2025

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PERSONAL INFORMATION

Name	WILJUN R. CAÑETE		
Position/Designation	Engineer-Maintenance	Work Email	canete.wr@energy.com.ph

WORK EXPERIENCE

Position	Company	Inclusive Dates
Engineer - Maintenance	Energy Development Corporation	August 2019 - Present
Foreman - Electrical Maintenance	Energy Development Corporation	September 2017 - July 2019
Technician - Electrical Maintenance	Energy Development Corporation	January 2017 - August 2017
Shop Instrumentation Technician	Energy Development Corporation	January 1998 - December 2016

EDUCATIONAL BACKGROUND / OTHER CREDENTIALS

Degree Received	Name of Institution	Year Last Attended
TTE Industrial Engineering	Isabel National Agriculture and Vocational School	1997

PROFESSIONAL LICENSES/CERTIFICATIONS

None

Employee Profile

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As of July 15, 2025

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PERSONAL INFORMATION

Name	EMILIANO S. ABARQUEZ		
Position/Designation	Senior Technician-Maintenance	Work Email	abarquez.es@energy.com.ph

WORK EXPERIENCE

Position	Company	Inclusive Dates
Senior Technician - Maintenance	Energy Development Corporation	October 2024 to Present
Technician - Maintenance	Energy Development Corporation	August 2019 - September 2024
Technician - Electrical Maintenance	Energy Development Corporation	January 2017 - July 2019
Field Instrumentation Technician	Energy Development Corporation	July 1996 - December 2016
Technician	Digital Electronics	02/01/1995-04/01/1998
Technician	Sealand Electronics	01/01/1989-11/01/1994
Technician	Ace Electronic	05/01/1987-12/31/1988

EDUCATIONAL BACKGROUND / OTHER CREDENTIALS

Degree Received	Name of Institution	Year Last Attended
BS Industrial Electronics Technology	Palompon Institute of Technology	1987

PROFESSIONAL LICENSES/CERTIFICATIONS

None

Employee Profile

Copy for ENERGY REGULATORY COMMISSION

As of July 15, 2025

For proprietary handling in compliance with Data Privacy Act.

PERSONAL INFORMATION

Name	ELMER O. SANO		
Position/Designation	Senior Engineer-Maintenance	Work Email	sano.eo@energy.com.ph

WORK EXPERIENCE

Position	Company	Inclusive Dates
Senior Engineer-Maintenance	Energy Development Corporation	10/01/2019-present
Lead-I/C Maintenance	Energy Development Corporation	01/01/2017-10/01/2019
Engineer-C/I	Energy Development Corporation	10/01/2014-01/01/2017
Senior Engineer-Maintenance	Energy Development Corporation	09/01/2010-10/01/2014
Engineer	DCV Industrial Corporation	03/31/2010-05/12/2010

EDUCATIONAL BACKGROUND / OTHER CREDENTIALS

Degree Received	Name of Institution	Year Last Attended
BS Electrical Engineering	Eastern Visayas State University	2009

PROFESSIONAL LICENSES/CERTIFICATIONS

PRC-ELECTRICAL ENGINEER

Employee Profile

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As of July 15, 2025

For proprietary handling in compliance with Data Privacy Act.

PERSONAL INFORMATION

Name	RANOLFO FREDERICK C. KONAHP		
Position/Designation	HEAD-SPECIALIZED ELECTRICAL SERVICES	Work Email	konahap.rfc@energy.com.ph

WORK EXPERIENCE

Position	Company	Inclusive Dates
Head-Specialized Electrical Services	Energy Development Corporation	08/01/2019-present
Head-Electrical Maintenance	Energy Development Corporation	08/07/2017-08/01/2019
Supervisor	Energy Development Corporation	06/17/1996-08/07/2017
Materials Control Engineer	PNOG Energy Development Corporation	07/03/1995-06/30/1996
Programmer Analyst	Philippine Associated Smelting and Refining Corporation	10/01/1994-06/01/1995
Software/Hardware Tec.	Silliman University	06/01/1993-04/01/1994
Engineering Instructor	St. Peter's College	11/01/1992-03/01/1993
Electrical Maintenance	Superior Copper Rod Corporation	08/01/1992-09/01/1992

EDUCATIONAL BACKGROUND / OTHER CREDENTIALS

Degree Received	Name of Institution	Year Last Attended
BS Electrical Engineering	Silliman University	1991

PROFESSIONAL LICENSES/CERTIFICATIONS

PRC Electrical Engineer

Employee Profile

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As of July 15, 2025

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PERSONAL INFORMATION

Name	DENNIS M. PURAY		
Position/Designation	ENGINEER-ELECTRICAL MAINTENANCE	Work Email	puray.dm@energy.com.ph

WORK EXPERIENCE

Position	Company	Inclusive Dates
Engineer-Electrical Maintenance	Energy Development Corporation	10/15/2017-present
Lead-Electrical Maintenance	Energy Development Corporation	1/1/2017-10/14/2017
Engineer-Maintenance	Energy Development Corporation	3/23/2007-8/31/2014

EDUCATIONAL BACKGROUND / OTHER CREDENTIALS

Degree Received	Name of Institution	Year Last Attended
BS Electrical Engineering	Cebu Institute of Technology	2006

PROFESSIONAL LICENSES/CERTIFICATIONS

PRC-ELECTRICAL ENGINEER

Employee Profile

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As of July 15, 2025

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PERSONAL INFORMATION

Name	AMORY E. LUNOD		
Position/Designation	SENIOR ENGINEER-ELECTRICAL MAINTENANCE	Work Email	lunod.ae@energy.com.ph

WORK EXPERIENCE

Position	Company	Inclusive Dates
Senior Engineer-Electrical Maintenance	Energy Development Corporation	08/01/2019-present
Specialist-DCS/PLC/SCADA	Energy Development Corporation	04/01/2018-08/01/2019
Engineer-DCS/PLC/SCADA	Energy Development Corporation	01/01/2017-04/01/2018
Engineer-Switchyard	Energy Development Corporation	09/28/1998-01/01/2017
Transmission Engineer	Bayan Telecommunications, Inc.	03/01/1997-09/15/1998
Transmission Technician	Bayan Telecommunications, Inc.	07/01/1996-02/28/1997
PCO/PCB Technician	Bayan Telecommunications, Inc.	02/01/1996-06/30/1996
Inside Plant Technician	Bayan Telecommunications, Inc.	11/01/1995-01/31/1996
Technician	National Power Corporation	02/01/1995-04/01/1995

EDUCATIONAL BACKGROUND / OTHER CREDENTIALS

Degree Received	Name of Institution	Year Last Attended
Electronics and Communications Engineering	University of San Carlos	1992

PROFESSIONAL LICENSES/CERTIFICATIONS

PRC Electronics and Communications Engineer

Employee Profile

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As of July 15, 2025

For proprietary handling in compliance with Data Privacy Act.

PERSONAL INFORMATION

Name	ARMANDO C. GAMUTAN		
Position/Designation	ENGINEER-ELECTRICAL MAINTENANCE	Work Email	gamutan.ac@energy.com.ph

WORK EXPERIENCE

Position	Company	Inclusive Dates
Engineer - Electrical Maintenance	Energy Development Corporation	May 2017 - Present
Cadet Engineer	Energy Development Corporation	May 2016 - May 2017
Facilities Technician Trainee	Lexmark International Philippines Inc. MEPZ II	February 2010 - 2011

EDUCATIONAL BACKGROUND / OTHER CREDENTIALS

Degree Received	Name of Institution	Year Last Attended
Bachelor of Science in Electrical Engineering	Cebu Institute of Technology - University (CIT - U)	2014 - 2015
Technical Course - Electromechanical Technology	Center for Industrial Technology and Enterprise (CITE)	2008 - 2011

PROFESSIONAL LICENSES/CERTIFICATIONS

PRC-ELECTRICAL ENGINEER

Employee Profile

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As of July 15, 2025

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PERSONAL INFORMATION

Name	DANILO B. MATURAN		
Position/Designation	SENIOR ENGINEER-ELECTRICAL MAINTENANCE	Work Email	maturan.db@energy.com.ph

WORK EXPERIENCE

Position	Company	Inclusive Dates
SENIOR ENGINEER-ELECTRICAL MAINTENANCE	Energy Development Corporation	Jun 2023 - Present
ENGINEER-MAINTENANCE	Energy Development Corporation	Aug 2019 - May 2023
FOREMAN-ELECTRICAL MAINTENANCE	Energy Development Corporation	Sep 2017 - Jul 2019
TECHNICIAN-ELECTRICAL MAINTENANCE	Energy Development Corporation	Jan 2017 - Aug 2017
ELECTRICIAN-INDUSTRIAL	Energy Development Corporation	Feb 1997 - Dec 2016
ELECTRICAL FOREMAN	Alltech Contractors, Inc.	Aug 1995 - Feb 1997
ELECTRICAL LEADMAN	Alltech Contractors, Inc.	Jul 1993 - May 1995
APPRENTICE LINEMAN	NORECO II	Jun 1987 - Jan 1988

EDUCATIONAL BACKGROUND / OTHER CREDENTIALS

Degree Received	Name of Institution	Year Last Attended
BS INDUSTRIAL TECHNOLOGY	Central Visayas Polytechnic College	1987

PROFESSIONAL LICENSES/CERTIFICATIONS

PRC-MASTER ELECTRICIAN

Employee Profile

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As of July 15, 2025

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PERSONAL INFORMATION

Name	JHON RONALD S. ALBA		
Position/Designation	ENGINEER-ELECTRICAL MAINTENANCE	Work Email	alba.jrs@energy.com.ph

WORK EXPERIENCE

Position	Company	Inclusive Dates
Engineer-Electrical Maintenance	Energy Development Corp.	September 2023 - Present
Technologist - Field Services	Energy Development Corp.	March 2023 - September 2023
CADET ENGINEER	Energy Development Corp.	May 2022 - November 2022
Part-time Engineering College Instructor	Eastern Visayas State University- Ormoc Campus	January 2021- December 2022

EDUCATIONAL BACKGROUND / OTHER CREDENTIALS

Degree Received	Name of Institution	Year Last Attended
Diploma in in Electrical Engineering	Eastern Visayas State University	2020

PROFESSIONAL LICENSES/CERTIFICATIONS

PRC - Registered Master Electrician (TOP 10 BOARD PASSER SEPT 2021, DOST SCHOLAR)

Employee Profile

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As of July 15, 2025

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PERSONAL INFORMATION

Name	MIKE DANIEL D. MAGALONA		
Position/Designation	ENGINEER-ELECTRICAL MAINTENANCE	Work Email	magalona.mdd@energy.com.ph

WORK EXPERIENCE

Position	Company	Inclusive Dates
Engineer - Electrical Maintenance	Energy Development Corp.	November 2024 - present
Cadet Engineer	Energy Development Corp.	April to September 2024
Maintenance Engineer (Project Based) -	Energy Development Corp.	June 2023 – March 2024
PTA, Planner (Isabel Leyte)	PASAR (Philippine Associated Smelting and Refining Corporation)	February 2023 – June 2023
Project Engineer – Supervisor	First Balfour, Inc.	April 2022 – November 2022
Planning Engineer (Kananga, Leyte)	First Balfour, Inc.	January 2021 – March 2022
Technical Assistant (Kananga, Leyte)	First Balfour, Inc.	February 2020 – December 2020
Planning Engineer (Kananga, Leyte)	First Balfour, Inc.	June 2019 – February 2020
Proect Engineer	LEYECO V.	February 2019 – June 2019

EDUCATIONAL BACKGROUND / OTHER CREDENTIALS

Degree Received	Name of Institution	Year Last Attended
Bachelor of Science in Electrical Engineering	Eastern Visayas State University – Ormoc City Campus	2018

PROFESSIONAL LICENSES/CERTIFICATIONS

PRC - Electrical Engineer
 PRC - Registered Master Electrician

Employee Profile

As of July 15, 2025

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PERSONAL INFORMATION

Name	VICTORINO P. CASTILLOTE		
Position/Designation	SENIOR ENGINEER-ELECTRICAL MAINTENANCE	Work Email	castillote.vp@energy.com.ph

WORK EXPERIENCE

Position	Company	Inclusive Dates
SENIOR ENGINEER-ELECTRICAL MAINTENANCE	Energy Development Corporation	Nov 2021 - Present
LEAD-PROTECTION, CONTROL & EQUIPMENT	Energy Development Corporation	Sep 2018 - Oct 2021
SPECIALIST-ELECTRICAL MAINTENANCE	Energy Development Corporation	Apr 2018 - Aug 2018
LEAD-ELECTRICAL MAINTENANCE	Energy Development Corporation	Jan 2017 - Mar 2018
ENGINEER-ELECTRICAL	Energy Development Corporation	Mar 2010 - Dec 2016
ENGINEER-SOFTWARE/HARDWARE SENIOR	Energy Development Corporation	Apr 2002 - Feb 2010
ENGINEER- SOFTWARE 4	Energy Development Corporation	Oct 1997 - Mar 2002
INSTRUCTOR I	Leyte Institute of Technology	Jun 1993 - July 1996

EDUCATIONAL BACKGROUND / OTHER CREDENTIALS

Degree Received	Name of Institution	Year Last Attended
BS ELECTRICAL ENGINEERING	LEYTE INSTITUTE OF TECHNOLOGY	1990

PROFESSIONAL LICENSES/CERTIFICATIONS

PRC-ASSISTANT ELECTRICAL ENGR

Employee Profile

As of July 15, 2025

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PERSONAL INFORMATION

Name	VOLTAIRE P. BAQUIAL		
Position/Designation	ENGINEER - ELECTRICAL MAINTENANCE	Work Email	baquial.vp@energy.com.ph

WORK EXPERIENCE

Position	Company	Inclusive Dates
Engineer - Electrical Maintenance	Energy Development Corporation	Jul 2023 - present
Engineer - Specialized Electrical Services	Energy Development Corporation	Aug 2019 - Jun 2023
Engineer - Electrical Maintenance	Energy Development Corporation	Apr 2017 - Aug 2018
Technician-Electrical Maintenance	Energy Development Corporation	Jan 2017 - Mar 2017
Electrician-Industrial	Energy Development Corporation	Mar 2008 - Dec 2016
Electrician	Integrated Aquaculture Special	Aug 1997 - Feb 1998
Vibro Operator/Electrician	Opon Ke Construction & Development	Mar 1997 - Jul 1997
Electrician	Cebu Industrial Marine and Engineering Corporation	Dec 1995 - Mar 1996
Industrial Electrician	Cebu Shipyard and Engineering Works, Inc.	Oct 1990 - Jun 1991

EDUCATIONAL BACKGROUND / OTHER CREDENTIALS

Degree Received	Name of Institution	Year Last Attended
MARINE ELECTRICAL TECHNICIAN	CEBU TECHNICAL SCHOOL	1992-1994

PROFESSIONAL LICENSES/CERTIFICATIONS

None



Job Description

Job Title:	ENGINEER, PRODUCTION
Directly Reports to:	PRODUCTION SHIFT HEAD
Sector:	
Division:	FACILITY OPERATIONS
Department:	
Group:	FACILITIES O&M
Section:	PRODUCTION
Location:	EDC Facilities Other Possible Job Location: Wind & Solar and International Projects

The Production Engineer is responsible for ensuring safe operations of FCRS, Switchyard and Power Plant. He is responsible for the operation of generating assets which includes above ground processing and conveyance of steam to the power plant, conversion of heat energy into electrical energy with all major and accessory equipment including transmission line and substation.

<ul style="list-style-type: none"> ▪ Operates the generating assets including the control system and accessories in accordance with the standard operating procedures and in conformance with the environmental and safety standards 	
<ul style="list-style-type: none"> • Monitors and controls all process parameters such that operating variables are within the pre-set limits. 	
<ul style="list-style-type: none"> ▪ Executes proper implementation of real time dispatch (RTD), PMS, emergency maintenance schedule and well utilization schedule in coordination with team leadership and operators. Consults with the team leadership for deviation from the pre-determined dispatch schedule and well utilization program. 	
<ul style="list-style-type: none"> • Implements on time appropriate routine checks and monitoring of the Power Plant, Switchyard and FCRS components. Reports any noted defects to the team leadership. 	



Job Description

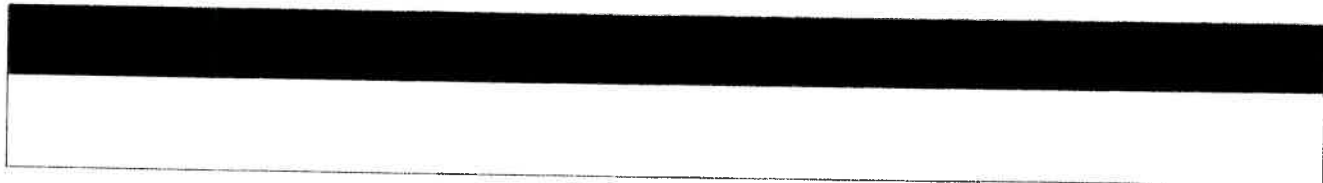
<ul style="list-style-type: none"> Coordinates efficient operation of ZDS with the Production Operators, pump tenders, ZDS patrol, and maintenance personnel. 	
<ul style="list-style-type: none"> Coordinates, verifies and consolidates the production results to ensure proper operation of generating assets. Consults with team leadership on any verified abnormalities. 	
<ul style="list-style-type: none"> Coordinates and communicates with other departments of the operation of generating assets including switchyard equipment. 	
<ul style="list-style-type: none"> Prepare and submit in a timely manner accurate and comprehensive reports, and other documentations required. 	
<ul style="list-style-type: none"> Implements correct and proper shutdown, start-up, and routine operation of generating assets. 	
<ul style="list-style-type: none"> Formulates procedures and seeks approval from team leadership in the implementation of immediate actions and corrective measures in the event of critical conditions during emergency operations. 	
General Responsibilities	
<ul style="list-style-type: none"> Executes health, safety and environmental rules and regulations of the company. 	
<ul style="list-style-type: none"> Practices APCS behaviors that adhere to the core values of the company. 	
<ul style="list-style-type: none"> Implements and complies with company rules and policies. 	
<ul style="list-style-type: none"> Performs other related duties that may be assigned by superiors. 	

INTERNAL	
Immediate Supervisor	PRODUCTION SHIFT HEAD
Immediate Subordinates	N/A
Internal Customers/Partners	FOM Verticals and other groups
EXTERNAL	



Job Description

External Customers/Partners	Contractors, Regulating Agencies
External Personnel Overseen	N/A



<p>Minimum Qualifications:</p> <ul style="list-style-type: none"> • BS in Electrical or Mechanical Engineering • PRC license is an advantage • Language: fluent in English <p>Skills Required</p> <ul style="list-style-type: none"> • Computer literate (Knowledgeable in MS Office software)

COMPETENCY	DEFINITION	PROFICIENCY LEVEL
LEADERSHIP COMPETENCIES (Individual Contributor)		
Business Perspective	The level of knowledge of parts or the totality of the business as well as the dynamics and complexities of the environment within which it operates and interacts with.	2
Customer Centricity	Focuses on creating a positive experience for the customer by maximizing service and / or product offerings and building relationships.	2
Effective Execution	Ability to execute well and effectively fulfil an organization's strategic agenda.	3
Innovation	Develops new insights into situations and applies different and novel solutions to make improvements.	2



energy
DEVELOPMENT CORPORATION

Job Description

FUNCTIONAL COMPETENCIES		
Facility Systems Operations/ Maintenance	Understanding of how to operate and maintain power generation facilities; improving system set-up to prolong facility life and optimize O&M costs.	1
Facility Systems Knowledge	Assessing systems characteristics/parameters. Visualizing inter-relationships of functional systems for power generation facilities and power grid. Optimizing power plant operations through effective & efficient management of the transmission lines. Understanding technology and implementing all related systems and procedures.	1
Knowledge of Maintenance Practices	Utilizing engineering and preventive maintenance principles to maintain machinery and equipment at a high level of performance. Developing and implementing an integrated maintenance strategy and conducting detailed trend analysis of equipment breakdowns	1
Asset & Risk Management	Apply knowledge of applicable regulations and company policies for acquisition, maintenance and disposal of corporate assets and properties for optimal and cost- effective utilization of resources. As a parallel ability, use knowledge of risk management principles and tools in mitigating asset problems/issues to determine their root causes and necessary cost effective FCRS operations and maintenance	1
Health, Safety & Environment Management	Understanding the concepts and applications of health, safety and environment management systems and practices to achieve best-in-class health, a zero injury work environment and to drive environmental stewardship.	2
Pricing Knowledge	Understands and applies concepts, models, and practices relevant to pricing in the industry, as well as the impact of consumer and market factors, in order to develop effective strategy	1
Legal Regulatory Compliance & Standards Implementation	Understanding and overseeing compliance to relevant government and internal regulations.	1
Engineering Professional Knowledge	Possession of a designated level of technical engineering skill (e.g. mechanical, electrical, piping etc.) or knowledge and the ability to keep up with current	2



Job Description

	developments and trends in areas of expertise.	
Business Process Excellence	Understanding of the process of attaining business process excellence in order to improve efficiencies, pursue innovation and achieve high levels of customer satisfaction	1
Quality Assurance & Quality Control	Accomplishing tasks by considering all areas involved, no matter how detailed; showing concern for all aspects of the job; accurately checking processes and tasks; being watchful over a period of time.	1
Project Management	Planning, estimating and controlling work activities to reach a desired objective on time, within budget, and accordance to specification to meet a business need. Negotiating and entering into agreements with internal/external vendor/contractors when necessary for critical tasks	1
Business & Financial Management	Analyzes business processes and cost elements. Identifies, implements and monitors possible strategies aimed at optimizing the company's profitability.	1

8. REVIEW

HR-PARTNER:

Signature

Date

Immediate Head:

Signature

Date

Division Head:


ET Busmeon

Energy Development Corporation

09Nov2020

38th Floor, One Corporate Centre

Julia Vargas corner Meralco Avenue,

Ortigas Center, Pasig City 1605, Philippines

Trunk line: +63 (2) 755-2332 Fax: +63 (2) 755-



Job Description

Signature	Date
Group Head:	
_____	_____
Signature	Date

Job Holder:	
I hereby acknowledge the responsibilities, authorities, accountabilities, and other requirements as detailed in this document.	
_____	_____
Signature	Date



Energy Development Corporation
 38th Floor, One Corporate Centre
 Julia Vargas corner Meralco Avenue,
 Ortigas Center, Pasig City 1605, Philippines
 Trunk line: +63 (2) 755-2332 Fax: +63 (2) 755-2364

Job Description

Job Title:	SENIOR PRODUCTION OPERATOR
Directly Reports to:	PRODUCTION SHIFT HEAD
Sector:	
Division:	FACILITY OPERATIONS
Department:	
Group:	FACILITIES OPERATIONS & MAINTENANCE
Section:	
Location:	EDC FACILITIES

Responsible for performing outside of the Control room operations such as manual control and adjustment, normal and emergency inspection and monitoring of geothermal facility systems and equipment of Power Plant and FCRS in accordance with the established standard operation procedure and company's safety and environmental standards in coordination and with operational inputs to the leadership team.



energy
DEVELOPMENT CORPORATION

Energy Development Corporation
38th Floor, One Corporate Centre
Julia Vargas corner Meralco Avenue,
Ortigas Center, Pasig City 1605, Philippines
Trunk line: +63 (2) 755-2332 Fax: +63 (2) 755-2364

Job Description

<ul style="list-style-type: none"> Operates, monitors and ensures proper start-up/shutdowns of the power plant, fluid collection and reinjection systems (FCRS) and its auxiliaries in a safe and efficient manner. 	
<ul style="list-style-type: none"> Coordinates with the leadership team of any significant equipment problems and/or process deviation; make inputs or recommendations to resolve operational issues. 	
<ul style="list-style-type: none"> Performs operations activities with the Production Engineer such as functional testing and performance test; routine operations test and the like as scheduled. Initiates initial analysis and prepare the necessary operations job tickets and closes it after the completion of such tasks 	
<ul style="list-style-type: none"> Ensures that chemical loading and dosing are conducted in a safe manner as scheduled and at the right quantity and frequency 	
<ul style="list-style-type: none"> Facilitates the lock- out, tag- out and test - out of equipment for maintenance in accordance with the established procedures; 	
<ul style="list-style-type: none"> Ensures that all preventive, predictive and corrective maintenance performed by maintenance and contractors follows the established procedures and standards; 	
General Responsibilities	
<ul style="list-style-type: none"> Executes health, security, environmental and safety rules and regulations of the company; 	
<ul style="list-style-type: none"> Practices APCS behaviors that adhere to the core values of the company; 	
<ul style="list-style-type: none"> Implements and complies with company rules and policies; and 	
<ul style="list-style-type: none"> Performs other related duties that may be assigned (by superiors) from time to time. 	

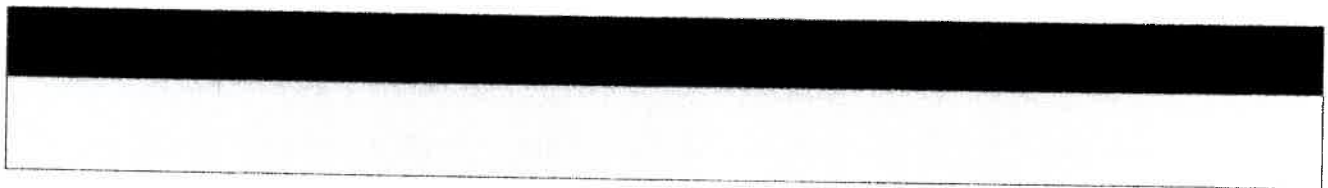
INTERNAL



Energy Development Corporation
 38th Floor, One Corporate Centre
 Julia Vargas corner Meralco Avenue,
 Ortigas Center, Pasig City 1605, Philippines
 Trunk line: +63 (2) 755-2332 Fax: +63 (2) 755-2364

Job Description

Immediate Supervisor	Production Shift Head
Immediate Subordinates	None
Internal Customers/Partners	FOM Verticals and other Groups
EXTERNAL	
External Customers/Partners	N/A
External Personnel Overseen	Contractors



Minimum Qualifications:

- At least a graduate of 2 year vocational/ industrial courses. BS in Electrical or Mechanical Engineering or Technology related fields is preferred.

Minimum Experience

- At least 1 year in experience in service with a company in facility operation – related works in operations, maintenance and/or installation, commissioning

Skills Required

- Computer literate (Knowledgeable in MS Office software)

COMPETENCY	DEFINITION	PROFICIENCY LEVEL
LEADERSHIP COMPETENCIES (Individual Contributor)		



Energy Development Corporation
 35th Floor, One Corporate Centre
 Julia Vargas corner Meralco Avenue,
 Ortigas Center, Pasig City 1605, Philippines
 Trunk line: +63 (2) 755-2332 Fax: +63 (2) 755-2364

Job Description

Business Perspective	The level of knowledge of parts or the totality of the business as well as the dynamics and complexities of the environment within which it operates and interacts with	1
Customer Centricity	Focuses on creating a positive experience for the customer by maximizing service and / or product offerings and building relationships.	1
Effective Execution	Ability to execute well and effectively fulfil an organization's strategic agenda.	3
Innovation	Develops new insights into situations and applies different and novel solutions to make improvements.	3
FUNCTIONAL COMPETENCIES		
Asset and Risk Management	Apply knowledge of applicable regulations and company policies for acquisition, maintenance and disposal of corporate assets and properties for optimal and cost- effective utilization of resources. As a parallel ability, use knowledge of risk management principles and tools in mitigating asset problems/issues to determine their root causes and necessary cost effective facility operations and maintenance.	2
Business and Financial Management	Analyzes business processes and cost elements. Identifies, implements and monitors possible strategies aimed at optimizing the company's profitability.	1
Business Process Excellence	Understanding of the process of attaining business process excellence in order to improve efficiencies, pursue innovation and achieve high levels of customer satisfaction.	1
Engineering Professional Knowledge	Possession of a designated level of technical engineering skill (e.g. mechanical, electrical, piping etc.) or knowledge and the ability to keep up with current developments and trends in areas of expertise.	2
Facility Operations/Maintenance	Understanding of how to operate and maintain power generation facilities; improving system set-up to prolong facility life and optimize O&M costs	2



Energy Development Corporation
 38th Floor, One Corporate Centre
 Julia Vargas corner Meralco Avenue,
 Ortigas Center, Pasig City 1605, Philippines
 Trunk line: +63 (2) 755-2332 Fax: +63 (2) 755-2364

Job Description

Facility Systems Knowledge	Assessing systems characteristics/parameters. Visualizing inter-relationships of functional systems for power generation facilities and power grid. Optimizing power plant operations through effective & efficient management of the transmission lines. Understanding technology and implementing all related systems and procedures.	1
Health, Safety and Environmental Management	Understanding the concepts and applications of health, safety and environment management systems and practices to achieve best-in-class health, a zero-injury work environment and to drive environmental stewardship.	2
Knowledge of Maintenance Practices	Utilizing engineering and preventive maintenance principles to maintain machinery and equipment at a high level of performance. Developing and implementing an integrated maintenance strategy and conducting detailed trend analysis of equipment breakdowns.	2
Legal Regulatory Compliance and Standards Implementation	Understanding and overseeing compliance to relevant government and internal regulations.	1
Pricing Knowledge	Understands and applies concepts, models, and practices relevant to pricing in the industry, as well as the impact of consumer and market factors, in order to develop effective strategy.	1
Project Management	Planning, estimating and controlling work activities to reach a desired objective on time, within budget, and accordance to specification to meet a business need. Negotiating and entering into agreements with internal/external vendor/contractors when necessary for critical tasks.	1



Energy Development Corporation
 38th Floor, One Corporate Centre
 Julia Vargas corner Meralco Avenue,
 Ortigas Center, Pasig City 1605, Philippines
 Trunk line: +63 (2) 755-2332 Fax: +63 (2) 755-2364

Job Description

Quality Control	Accomplishing tasks by considering all areas involved, no matter how detailed; showing concern for all aspects of the job; accurately checking processes and tasks; being watchful over a period of time.	1
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8. REVIEW

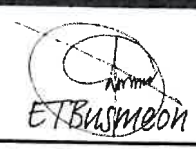
HR-PARTNER:

_____	_____
Signature	Date

Immediate Head:

_____	_____
Signature	Date

Division Head:

 _____	09Nov2020 _____
Signature	Date

Group Head:

_____	_____
Signature	Date



Energy Development Corporation
38th Floor, One Corporate Centre
Julia Vargas corner Meralco Avenue,
Ortigas Center, Pasig City 1605, Philippines
Trunk line: +63 (2) 755-2332 Fax: +63 (2) 755-2364

Job Description

Job Holder:

I hereby acknowledge the responsibilities, authorities, accountabilities, and other requirements as detailed in this document.

Signature

Date



Job Title:	MAINTENANCE SENIOR TECHNICIAN
Directly Reports to:	Head, Maintenance Team
Sector:	
Division:	Facility Operations
Department:	
Group:	Facilities Operations and Maintenance
Section:	
Location:	EDC Facilities Other Possible Job Location: Other Geothermal Facilities and International Projects

Responsible for implementation of the integrated preventive, predictive and corrective maintenance for power plant and steam field systems covering stationary, rotating equipment and accessories. He ensures that proper control of work quality is implemented with zero reworks. Implements the guidelines and procedures of enterprise asset management system. Conducts initial analysis and recommends improvements to the leadership team.

- Executes the implementation of optimized equipment preventive, predictive and corrective maintenance strategies in collaboration with CMG and other Maintenance Teams on major repair services and turnaround activities.



<ul style="list-style-type: none"> Enforce maintenance policies, guidelines, and procedures through collaboration with other maintenance personnel. Involve in the team's effort to upgrade policies, guidelines and procedures. 	
<ul style="list-style-type: none"> Executes the preventive and corrective equipment maintenance works as planned, within budget, and compliant with the quality and safety requirement 	
<ul style="list-style-type: none"> Implements the contract execution in collaboration with the Maintenance Planner and the Maintenance Team Heads by closely monitoring the work progress and quality. Assess and recommends on contractor's performance. 	
<ul style="list-style-type: none"> Exercise work stoppage on any seen substandard activities to inject importance of safety. 	
General Responsibilities	
<ul style="list-style-type: none"> Executes health, security, environmental and safety rules and regulations of the company; 	
<ul style="list-style-type: none"> Practices recommended behaviors that adhere to the core values of the company; 	
<ul style="list-style-type: none"> Implements and complies with company rules and policies; and 	
<ul style="list-style-type: none"> Performs other related duties that may be assigned (by superiors) from time to time. 	

INTERNAL



Immediate Supervisor	Head, Maintenance Team
Immediate Subordinates	NA
Internal Customers/Partners	Operations Teams/ Project Management Teams/ Central Maintenance
EXTERNAL	
External Customers/Partners	Contractors
External Personnel Overseen	Contractors

5

a. Educational Requirement

- Atleast graduate of a 2 year vocational/ industrial course. A BS degree graduate is an advantage.

b. Skills and Training Required

- TESDA NCII (is an advantage)
- Basic in MS Office Application (excel, word, power point)

c. Work Related Experience

- 1 years in geothermal power plant / steam field operations ; or 2 years equivalent experience in the power industry is preferred

d. Other Requirements

- Strong knowledge on troubleshooting of industrial equipment, & interpret and read electrical symbols and diagrams

COMPETENCY	DEFINITION	PROFICIENCY LEVEL
LEADERSHIP COMPETENCIES (Individual Contributor)		
Business Perspective	The level of knowledge of parts or the totality of the business as well as the dynamics and complexities of the environment within which it operates and interacts with.	1
Customer Centricity	Focuses on creating a positive experience for the customer by maximizing service and / or product offerings and building relationships.	1

Effective Execution	Ability to execute well and effectively fulfil an organization's strategic agenda.	3
Innovation	Develops new insights into situations and applies different and novel solutions to make improvements.	3
FUNCTIONAL COMPETENCIES –		
Asset and Risk Management	Apply knowledge of applicable regulations and company policies for acquisition, maintenance and disposal of corporate assets and properties for optimal and cost-effective utilization of resources. As a parallel ability, use knowledge of risk management principles and tools in mitigating asset problems/issues to determine their root causes and necessary cost effective facility operations and maintenance.	3
Business and Financial Management	Analyzes business processes and cost elements. Identifies, implements and monitors possible strategies aimed at optimizing the company's profitability.	1
Business Process Excellence	Understanding of the process of attaining business process excellence in order to improve efficiencies, pursue innovation and achieve high levels of customer satisfaction.	2
Engineering Professional Knowledge	Possession of a designated level of technical engineering skill (e.g. mechanical, electrical, piping etc.) or knowledge and the ability to keep up with current developments and trends in areas of expertise.	3
Facility Operations/Maintenance	Understanding of how to operate and maintain power generation facilities; improving system set-up to prolong facility life and optimize O&M costs.	3
Facility Systems Knowledge	Assessing systems characteristics/parameters. Visualizing inter-relationships of functional systems for power generation facilities and power grid. Optimizing power plant operations through effective & efficient management of the transmission lines. Understanding technology and implementing all related systems and procedures.	3



Knowledge of Maintenance Practices	Utilizing engineering and preventive maintenance principles to maintain machinery and equipment at a high level of performance. Developing and implementing an integrated maintenance strategy and conducting detailed trend analysis of equipment breakdowns.	4
Legal Regulatory Compliance and Standards Implementation	Understanding and overseeing compliance to relevant government and internal regulations.	3
Pricing Knowledge	Understands and applies concepts, models, and practices relevant to pricing in the industry, as well as the impact of consumer and market factors, in order to develop effective strategy.	3
Project Management	Planning, estimating and controlling work activities to reach a desired objective on time, within budget, and accordance to specification to meet a business need. Negotiating and entering into agreements with internal/external vendor/contractors when necessary for critical tasks.	3
Quality Control	Accomplishing tasks by considering all areas involved, no matter how detailed; showing concern for all aspects of the job; accurately checking processes and tasks; being watchful over a period of time.	2

8. REVIEW

HR-PARTNER:




Signature	Date
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Immediate Head:

Signature	Date
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Division Head:

Signature	Date
	09Nov2020
	Date

Group Head:

Signature	Date
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Job Holder:

I hereby acknowledge the responsibilities, authorities, accountabilities, and other requirements as detailed in this document.

Signature	Date
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Job Description

Job Title:	SPECIALIZED ELECTRICAL SERVICES HEAD
Directly Reports to:	SITE MAINTENANCE HEAD
Sector:	
Division:	FACILITY OPERATIONS
Department:	
Group:	FACILITIES OPERATIONS AND MAINTENANCE
Section:	
Location:	LEYTE FACILITIES AND INTERNATIONAL PROJECTS



Job Description

Responsible for the management, development and overseeing the implementation of the integrated electrical maintenance plans and programs for electrical systems equipment and accessories of the 230kV Transmission lines, 15kV & 5KV Distribution Lines, 480V Distribution Lines and other electrical BOPs / accessories of the vertically integrated geothermal facilities, ensuring resources (manpower, materials, equipment and outsourced services) are adequate and appropriate maintenance goals and control measures are in-place to effectively execute, implement, monitor and control group and staff performance to achieve enhanced level of efficiency and work quality.

Being part of the Leadership Team in the site maintenance group of the LEYTE Facility, this role will work directly with the e maintenance team covering the entire Leyte, to provide support, guidance, and overall execution of Line Protection relays & control, 230 kV High Voltage Equipment, 15 kV & 5kV (MBPP – CSS) Distribution line, all Switchyards Low Voltage Equipment (480 & below), AVR, Metering, SCADA, TL communications Equipments, PPU's and ACUs, Transformers, UPS, Auxiliary Power Supply, 48 V DC System, 125 VAC System & 220VAC UPS at CSS, Transmission Towers & Substation Grounding & Lightning Protection System.

Participates in and/or represents the group in management meetings, budget and project defense, project management reporting, to seek management approval, report performance against targets and escalate high-level issues that need immediate attention and resolution.

Responsible for the effective monitoring in the execution and evaluation of all implemented outsourced electrical maintenance works and owner-supplied materials for electrical systems and equipment based on agreed terms of reference, scope of works and supply, and hold points to ensure quality and safe execution of electrical maintenance works.

Responsible for the optimal deployment of electrical maintenance workforce (High & Low Voltage, Electrical Field Services Engineers, specialists, technicians and outsourced services) through proper workforce planning vis a vis electrical maintenance plans and programs to better manage the implementation of electrical maintenance activities based on the approved work schedule.

Leads in the development and administration of the implementation of a cost-efficient work program for switchyard, transmission, distribution lines	
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energy
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Job Description

<p>maintenance, specialized and other specialized electrical maintenance projects, while managing risks to a minimum level of consequence and probability of occurrence.</p> <p>Provides the overall direction and objectives of the group, cascades the objectives set by the Site Maintenance Head to all maintenance workforce, to align plans and programs with the geothermal facilities, co-functional heads and other stakeholders' requirements.</p>	
<p>Leads in the enforcement of maintenance policies, guidelines, and procedures through collaboration with the maintenance team heads to make sure that all the Specialized Electrical Services maintenance personnel understand the requirements of the job, and that of the stakeholders.</p>	
<p>Oversees the implementation and ensures site maintenance personnel compliance with company's maintenance policies, guidelines and procedures by establishing a strong partnership with the line management and cascading all the maintenance policies, guidelines, and procedures to all workforce for alignment</p>	
<p>Manages the maintenance work programs by conducting maintenance needs analysis, and group's annual planning, including development of the group's up to individual goals of each maintenance staff through the performance management system (PACE or IDP) aligning both the group's goals for efficient delivery of site mechanical maintenance services.</p>	
<p>Develops the maintenance plans and programs in collaboration with cost and planning, SMD functional heads, and other functional groups (reliability, operations, etc), evaluates the frequency and appropriateness of the maintenance program to minimize unplanned facility maintenance and seeks management support and approval for funding and implementation of strategies.</p>	
<p>Reviews the preparation and management of utilization of capital and operating expense budget of the Specialized Electrical Services maintenance team , in collaboration with cost and planning analysts to ensure the optimized use of financial resources.</p>	
<p>Participates in and/or represents the group in management meetings, budget and project defense, project management reporting, to seek management approval, report performance against targets and escalate high-level issues that need immediate attention and resolution.</p>	
<p>Reviews work program and schedule from planning, presenting priority programs based on priorities and work alignment among various maintenance groups and the operation group, and provides technical inputs and guidance to the group in the selection of priority maintenance activities.</p>	
<p>Manages the preventive, predictive, and corrective electrical maintenance works through regular (weekly, monthly, & annual)</p>	



Job Description

<p>reviews with the SES Engineers to ensures that all preventive , predictive, corrective maintenance for the geothermal facility Transmission Lines & Switchyard are executed as planned, within budget, and compliant with the quality and safety requirement.</p>	
<p>Resolves conflict in schedule and availability of maintenance resources,(e.g manpower, equipment, tools, materials) beyond group's authority by evaluating available data and information to ensure fast and efficient execution of maintenance works.</p>	
<p>Provides content / inputs specific to works requirements in developing the contractor / vendor qualification framework by closely collaborating with Facility Operations and Maintenance to capture the complete specifications, TORs, scope of work & other resource requirements. Manages the quality of the repair of outsourced services in collaboration Quality Control group through 100% inspection, testing and evaluation of delivered services or products in order to meet the agreed standards and contract compliance. Leads in monitoring the actual contractor's performance ensuring all provisions and terms in the contract are followed to protect the company's interest.</p>	
<p>Provides technical guidance and direction among section's personnel, discusses present and anticipated execution problems, approves and directs most appropriate course of action based on maintenance priorities (P1-P5), during shutdown and emergency maintenance.</p>	
<p>Oversees the work order closure by ensuring that the scope of work are executed, correct data are captured through random reviews of the status of the maintenance activities in the EAM system, regular weekly, monthly and annual reports generated from central planning based on established maintenance analytics dashboards to keep track on the progress of maintenance performance.</p>	
<p>Acts as a lead subject-matter expert in the analysis of maintenance tasks specific to industrial/mobile equipment, buildings, non-buildings, roads, pads and routine civil works related processes to come up with the most appropriate maintenance strategy and/or intervention for the optimized management of the asset through collaboration with operations, process, resource and reliability group, to reduce maintenance expenditures and improve maintenance performance.</p>	
<p>Collaborates with SME, academe and third party vendors through attendance to conferences / forums / research on technical innovations related to mobile equipment and civil works to keep the company abreast of new technologies and solutions applicable to the geothermal facilities O&M.</p>	
<p>Manages implementation of mitigating plans / action items through close collaboration with Facility Operations and Maintenance on the priority equipment based on the review of critical of asset, and continually review critical asset condition for update to proactively address potential equipment failure.</p>	



Job Description

Prepares final endorsement of (OPEX/CAPEX) budget based on the group's projected requirements and work program in collaboration with central planning and budget analyst to ensure that the group has sufficient funds for efficient operations	
General Responsibilities	
<ul style="list-style-type: none"> Executes health, security, environmental and safety rules and regulations of the company; 	
<ul style="list-style-type: none"> Practices APCS behaviors that adhere to the core values of the company; 	
<ul style="list-style-type: none"> Implements and complies with company rules and policies; and 	
<ul style="list-style-type: none"> Performs other related duties that may be assigned (by superiors) from time to time. 	

INTERNAL	
Immediate Supervisor	Site Maintenance Head
Immediate Subordinates	Senior Engineer, Engineer, Planner/Scheduler
Internal Customers/Partners	FOM Verticals and Other Group
EXTERNAL	
External Customers/Partners	Local Government Officials and Residents, Regulatory Agencies Certifying Bodies, Suppliers/Vendors/Service Providers, Technical Experts/ Consultants/Subject Matter Experts, Training Providers
External Personnel Overseen	Consultant, Contractor



Job Description

Minimum Qualifications:

- BS in Electrical Engineering
- PRC license is an advantage
- Language: fluent in English

Minimum Experience:

Three (3) years in service with the company and one (1) year in electrical – related works at supervisory capacity in power generation and industrial maintenance and/or installation, commissioning.

COMPETENCY	DEFINITION	PROFICIENCY LEVEL
LEADERSHIP COMPETENCIES (People Manager)		
Business Savvy	Accurately describes the organization's business model, its competitive position in the market place, and its value proposition to external customers, accurately assessing the value and flaws of business operations and strategies.	2
Building Organizational Talent	Establishing systems and processes to attract, develop, engage, and retain talented individuals; creating a work environment where people can realize their full potential, thus allowing the organization to meet current and future business challenges.	2
Establishing Strategic Direction	Establishing and committing to a long-term business direction based on an analysis of systemic information and consideration of resources, market drivers, and organizational values	2
Leading Change	Identifying and driving organizational and cultural changes needed to adapt strategically to changing market demands, technology, and internal initiatives; catalyzing new approaches to improve results by transforming organizational culture, systems, or products/services	3
Driving Execution	Translating strategic priorities into operational reality; aligning communication, accountabilities, resource capabilities, internal processes, and on-going measurement systems to ensure that strategic priorities yield measurable and sustainable results.	3



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Job Description

FUNCTIONAL COMPETENCIES		
Asset and Risk Management	Apply knowledge of applicable regulations and company policies for acquisition, maintenance and disposal of corporate assets and properties for optimal and cost-effective utilization of resources. As a parallel ability, use knowledge of risk management principles and tools in mitigating asset problems/issues to determine their root causes and necessary cost effective facility operations and maintenance.	3
Business and Financial Management	Analyzes business processes and cost elements. Identifies, implements and monitors possible strategies aimed at optimizing the company's profitability.	2
Business Process Excellence	Understanding of the process of attaining business process excellence in order to improve efficiencies, pursue innovation and achieve high levels of customer satisfaction.	2
Engineering Professional Knowledge	Possession of a designated level of technical engineering skill (e.g. mechanical, electrical, piping etc.) or knowledge and the ability to keep up with current developments and trends in areas of expertise.	3
Facility Operations/Maintenance	Understanding of how to operate and maintain power generation facilities; improving system set-up to prolong facility life and optimize O&M costs.	4
Facility Systems Knowledge	Assessing systems characteristics/parameters. Visualizing inter-relationships of functional systems for power generation facilities and power grid. Optimizing power plant operations through effective & efficient management of the transmission lines. Understanding technology and implementing all related systems and procedures.	4
Knowledge of Maintenance Practices	Utilizing engineering and preventive maintenance principles to maintain machinery and equipment at a high level of performance. Developing and implementing an integrated maintenance strategy and conducting detailed trend analysis of equipment breakdowns.	5



Job Description

Legal Regulatory Compliance and Standards Implementation	Understanding and overseeing compliance to relevant government and internal regulations.	3
Health, Safety and Environment Management	Understanding the concepts and applications of health, safety and environment management systems and practices to achieve best-in-class health, a zero-injury work environment and to drive environmental stewardship.	3
Pricing Knowledge	Understands and applies concepts, models, and practices relevant to pricing in the industry, as well as the impact of consumer and market factors, in order to develop effective strategy.	1
Project Management	Planning, estimating and controlling work activities to reach a desired objective on time, within budget, and accordance to specification to meet a business need. Negotiating and entering into agreements with internal/external vendor/contractors when necessary for critical tasks.	3
Quality Control	Accomplishing tasks by considering all areas involved, no matter how detailed; showing concern for all aspects of the job; accurately checking processes and tasks; being watchful over a period of time.	3

8. REVIEW

HR-PARTNER:

Signature

Date

Immediate Head:



energy
DEVELOPMENT CORPORATION

Job Description

Signature

Date

Division Head:


ETBUSMEON

12Nov2020

Signature

Date

Group Head:

Signature

Date

Job Holder:

I hereby acknowledge the responsibilities, authorities, accountabilities, and other requirements as detailed in this document.

Signature

Date



Job Description

Job Title:	PRODUCTION SHIFT LEAD
Directly Reports to:	HEAD, PRODUCTION/ HEAD, FACILITY
Sector:	
Division:	FACILITY OPERATIONS
Department:	(SITE FACILITIES)
Group:	FACILITIES OPERATIONS & MAINTENANCE
Section:	PRODUCTION
Location:	SITES

The Production Shift Lead is responsible for leading the safe, reliable and efficient operation of the FCRS and power plant facilities. He ensures that it is performed in accordance to established standard operation procedure and company's HSE standards to attain operational goals.

He coordinates with the plant maintenance for the timely performance of predictive, preventive and corrective tasks and in a manner consistent with the established procedures. He analyzes operations data and reports immediate concerns to superiors. He makes sure that routine operation tasks are performed as scheduled.

- Conducts regular inspection of operation and maintenance tasks and ensure that the EDC Safety Rules are strictly adhered to;
- Responsible to lead for the proper start-up, operation and shutdown of all equipment.
- Ensures that all logs are taken in a timely, accurate and in complete manner including those of the Production Engineers and Operators. Reviews all logs and ensures that no deviation is left unattended and unreported to the Production/ Facility Head.

Job Description

- Coordinates to determine probable cause of plant upset conditions including containment, control and corrective actions;
- Inspects assets visually at periodic intervals to detect malfunction or need for repair, adjustment or corrective actions;
- Responsible for the timely and prudent load nomination/ re-nomination to the dispatch group based on the geothermal facilities performance and/or projected deration or outage.
- Leads and coordinates with NGCP-RCC/ACC and dispatch group for the start-up and shutdown of the units and safe implementation of switching protocols during maintenance works and/or outage restoration.
- Make sure that the operations and maintenance activities are performed. Ensures that the tasks are properly documented through the Computerize Maintenance Management System;
- Provides inputs in the development of generation strategy to ensure achievement of optimum generation and recommends recovery plans based on emerging issues and changing operating conditions.
- Provides inputs in the development of operational guidelines, SOP and/or specific instructions for the proper start-up, operation and shutdown of the geothermal facility system and equipment.
- Provides technical inputs in the development of integrated, proactive trip avoidance and alarm management system.
- Verifies reported observations or problems encountered and recommends actions and corrective measures or initiates preparation of work requests.
- Prepares the daily production data and generation reports and immediately discuss, resolves and/or escalates anything with deviation from the normal operating values.
- Reviews operational report, load nominations, outage reports and ensure accuracy and completeness of information released.
- Immediately reports any trips, outages, significant deration and details thereof to management following the established reporting time protocol.
- Activates emergency response plan during emergency situation and assumes the responder role as assigned (e.g. team leader, fire pump monitor, hose men, nozzle man, etc).
- Conducts risk analysis, analyzes the data gathered, and recommends mitigation measures to prevent or address these potential hazards.
- Temporarily stops any work activity upon discovery of hazardous



Job Description

work actions and/or conditions especially in occurrence of near-miss and incident.	
General Responsibilities	
▪ Executes health, safety and environment rules and regulations of the company.	
▪ Practices recommended behaviors that adhere to the core values of the company	
▪ Implements and complies with company rules and policies	
▪ Performs other related duties that may be assigned by superiors	

INTERNAL	
Immediate Supervisor	HEAD, PRODUCTION/ HEAD, FACILITY
Immediate Subordinates	N/A
Internal Customers/Partners	Others groups and departments within the company
EXTERNAL	
External Customers/Partners	Certifying Bodies, NGCP, Regulatory Agencies, Suppliers/Vendors / Service Contractors, Technical Experts, Consultants

<p>a. Educational Requirement: BS Mechanical, Electrical Engineering or equivalent</p> <p>b. Required Professional Experience 5 years in geothermal power plant/steam field operations; or 7 years equivalent experience in the power industry; with supervisory experience</p> <p>c. Skills and Training Required Must be Registered / Licensed Engineers or preferably Professional Mechanical, Electrical or equivalent Training programs related to Engineering Principles, Geothermal Facility (Operations, Maintenance, Processes, Systems & Equipment) and operational Risk</p>

Job Description

COMPETENCY	DEFINITION	PROFICIENCY LEVEL
LEADERSHIP COMPETENCIES (Individual Contributor)		
Business Perspective	<i>The level of knowledge of parts or the totality of the business as well as the dynamics and complexities of the environment within which it operates and interacts with.</i>	Practicing (2)
Customer Centricity	<i>Focuses on creating a positive experience for the customer by maximizing service and / or product offerings and building relationships.</i>	Developed (3)
Effective Execution	<i>Ability to execute well and effectively fulfil an organization's strategic agenda.</i>	Advanced (4)
Innovation	<i>Develops new insights into situations and applies different and novel solutions to make improvements.</i>	Practicing (2)
FUNCTIONAL COMPETENCIES		
Facility Systems Operations/ Maintenance	<i>Understanding of how to operate and maintain power generation facilities; improving system set-up to prolong facility life and optimize O&M costs.</i>	5
Facility Systems Knowledge	<i>Assessing systems characteristics/parameters. Visualizing inter-relationships of functional systems for power generation facilities and power grid. Optimizing power plant operations through effective & efficient management of the transmission lines. Understanding technology and implementing all related systems and procedures.</i>	4
Knowledge of Maintenance Practices	<i>Utilizing engineering and preventive maintenance principles to maintain machinery and equipment at a high level of performance. Developing and implementing an integrated maintenance strategy and conducting detailed trend analysis of equipment breakdowns</i>	3
Asset & Risk Management	<i>Apply knowledge of applicable regulations and company policies for acquisition, maintenance and disposal of corporate assets and properties for optimal and cost- effective utilization of resources. As a parallel ability, use knowledge of risk management principles and tools in mitigating asset problems/issues to determine their root causes and necessary cost effective FCRS operations and maintenance</i>	4
Health, Safety and Environment Management	<i>Understanding the concepts and applications of health, safety and environment management systems and practices to achieve best-in-class health, a zero injury work environment and to drive environmental stewardship.</i>	3
Pricing Knowledge	<i>Understands and applies concepts, models, and practices relevant to pricing in the industry, as well as the impact of consumer and market</i>	2



Job Description

	<i>factors, in order to develop effective strategy</i>	
Legal Regulatory Compliance & Standards Implementation	<i>Understanding and overseeing compliance to relevant government and internal regulations.</i>	3
Engineering Professional Knowledge	<i>Possession of a designated level of technical engineering skill (e.g. mechanical, electrical, piping etc.) or knowledge and the ability to keep up with current developments and trends in areas of expertise.</i>	2
Business Process Excellence	<i>Understanding of the process of attaining business process excellence in order to improve efficiencies, pursue innovation and achieve high levels of customer satisfaction</i>	2
Quality Assurance & Quality Control	<i>Accomplishing tasks by considering all areas involved, no matter how detailed; showing concern for all aspects of the job; accurately checking processes and tasks; being watchful over a period of time.</i>	3
Project Management	<i>Planning, estimating and controlling work activities to reach a desired objective on time, within budget, and accordance to specification to meet a business need. Negotiating and entering into agreements with internal/external vendor/contractors when necessary for critical tasks</i>	3
Business & Financial Management	<i>Analyzes business processes and cost elements. Identifies, implements and monitors possible strategies aimed at optimizing the company's profitability.</i>	2

8. REVIEW

HR-PARTNER:

Signature Date


Immediate Head:

Signature Date

Division Head:



Job Description

 _____ Signature	12Nov2020 _____ Date
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Group Head:

_____ Signature	_____ Date
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Job Holder:

I hereby acknowledge the responsibilities, authorities, accountabilities, and other requirements as detailed in this document.

_____ Signature	_____ Date
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Job Title:	ENGINEER – ELECTRICAL MAINTENANCE
Directly Reports to:	HEAD, SPECIALIZED ELECTRICAL SERVICES
Sector:	
Division:	Facility Operations
Department:	
Group:	Facilities Operations & Maintenance
Section:	
Location:	EDC Facilities and International Projects

Responsible for monitoring of support services, troubleshooting and overseeing the implementation of the integrated electrical maintenance plans and programs for electrical systems equipment and accessories of the power plant, steam fields, Transmission lines and other electrical BOPs / accessories of the vertically integrated geothermal facilities, ensuring resources (manpower, materials, equipment and outsourced services) are adequate and appropriate maintenance goals and control measures are in-place to effectively execute, implement, monitor and control group and staff performance to achieve enhanced level of efficiency and work quality.

He will work directly with the electrical predictive and corrective maintenance team covering the entire facility, as well as with other verticals to provide support, guidance, and overall execution.

Oversees and executes the overall implementation of optimized Electrical equipment preventive, predictive and corrective maintenance strategies in collaboration with other verticals on major repair services and turnaround activities, by participating in the Department cascading of Facilities Strategic Plans to ensure alignment of the corporate goals / objectives and FOM's business priorities and directions.	
Follows the enforcement of the maintenance policies, guidelines, and procedures through collaboration with the engineers and technicians to make sure that all Electrical equipment maintenance personnel understand the requirements of the job, and that of the stakeholders.	



Oversees and executes work program and schedule from Maintenance Team Planner, presenting priority programs based on priorities and work alignment Maintenance Teams and the production groups, and provides technical inputs and guidance to the group in the selection of priority maintenance activities	
Follows the execution of the quality assurance plan from the established monitoring system by Maintenance Team Planner in monitoring the contractors' performance based on the terms of references, scope of works, technical data sheets, health, environment & safety requirements and material take-off to ensure that contractors comply with the company's requirements on quality, cost, and time.	
Establish partnership with Maintenance Teams on inventory management, supply & logistics by providing technical inputs in establishing systems on material / equipment preservation, material / equipment functional testing & assurance, Purchase Request to Good Receipt tracking, and technical evaluation to ensure maximum utilization, availability, & within acceptable standards.	
General Responsibilities	
Executes health, security, environmental and safety rules and regulations of the company;	
Practices APCS behaviors that adhere to the core values of the company;	
Implements and complies with company rules and policies; and	
Performs other related duties that may be assigned (by superiors) from time to time.	

INTERNAL	
Immediate Supervisor	Head - Specialized Electrical Services
Immediate Subordinates	NA
Internal Customers/Partners	FOM Verticals and Other Group
EXTERNAL	
External Customers/Partners	Certifying Bodies, Customers, Laboratories, Regulatory Agencies, Suppliers, Vendors, Service Contractors, Technical Experts, Consultants, Professional and Civic Organizations (IIEE, Quest, OEM, PPS, etc.)
External Personnel Overseen	Consultants and Contractors



<p>Minimum Qualifications:</p> <ul style="list-style-type: none"> ● BS in Electrical Engineering ● PRC license is an advantage ● Language: fluent in English <p>Minimum Experience</p> <ul style="list-style-type: none"> ● None


COMPETENCY	DEFINITION	PROFICIENCY LEVEL
LEADERSHIP COMPETENCIES (Individual Contributor) <u>These are standard Leadership Competencies for ICs. Please do not edit or change. Just rate the proficiency levels per position.</u>		
Business Perspective	The level of knowledge of parts or the totality of the business as well as the dynamics and complexities of the environment within which it operates and interacts with.	1
Customer Centricity	Focuses on creating a positive experience for the customer by maximizing service and / or product offerings and building relationships.	1
Effective Execution	Ability to execute well and effectively fulfil an organization's strategic agenda.	2
Innovation	Develops new insights into situations and applies different and novel solutions to make improvements.	1
FUNCTIONAL COMPETENCIES – <u>Please use the finalized DDI Functional Competencies and corresponding proficiency levels per position.</u>		
Asset and Risk Management	Apply knowledge of applicable regulations and company policies for acquisition, maintenance and disposal of corporate assets and properties for optimal and cost- effective utilization of resources. As a parallel ability, use knowledge of risk management principles and tools in mitigating asset problems/issues to determine their root causes and necessary cost effective facility operations and maintenance.	2
Business and Financial Management	Analyzes business processes and cost elements. Identifies, implements and monitors possible strategies aimed at optimizing the company's profitability.	1
Business Process Excellence	Understanding of the process of attaining business process excellence in order to improve efficiencies, pursue innovation	2



	and achieve high levels of customer satisfaction.	
Engineering Professional Knowledge	Possession of a designated level of technical engineering skill (e.g. mechanical, electrical, piping etc.) or knowledge and the ability to keep up with current developments and trends in areas of expertise.	3
Facility Operations/Maintenance	Understanding of how to operate and maintain power generation facilities; improving system set-up to prolong facility life and optimize O&M costs.	3
Facility Systems Knowledge	Assessing systems characteristics/parameters. Visualizing inter-relationships of functional systems for power generation facilities and power grid. Optimizing power plant operations through effective & efficient management of the transmission lines. Understanding technology and implementing all related systems and procedures.	3
Knowledge of Maintenance Practices	Utilizing engineering and preventive maintenance principles to maintain machinery and equipment at a high level of performance. Developing and implementing an integrated maintenance strategy and conducting detailed trend analysis of equipment breakdowns.	2
Legal Regulatory Compliance and Standards Implementation	Understanding and overseeing compliance to relevant government and internal regulations.	2
Pricing Knowledge	Understands and applies concepts, models, and practices relevant to pricing in the industry, as well as the impact of consumer and market factors, in order to develop effective strategy.	1
Project Management	Planning, estimating and controlling work activities to reach a desired objective on time, within budget, and accordance to specification to meet a business need. Negotiating and entering into agreements with internal/external vendor/contractors when necessary for critical tasks.	2
Quality Control	Accomplishing tasks by considering all areas involved, no matter how detailed; showing concern for all aspects of the job; accurately checking processes and tasks; being watchful over a period of time.	2

8. REVIEW	
HR-PARTNER:	
Signature	Date



Immediate Head:	
Signature	Date
Division Head:	
 Signature	01Dec2020 Date
Group Head:	
Signature	Date

Job Holder:	
I hereby acknowledge the responsibilities, authorities, accountabilities, and other requirements as detailed in this document.	
Signature	Date



Job Title:	SENIOR ENGINEER – ELECTRICAL MAINTENANCE
Directly Reports to:	Head- Specialized Electrical Maintenance
Sector:	
Division:	Facility Operations and Maintenance
Department:	Site Maintenance Department
Group:	Facility Operations
Section:	
Location:	EDC Facilities and International Projects

Responsible for supervision, development and overseeing the timely, safely, environmental-friendly and cost-effective planning , scheduling and execution of the preventive, predictive and corrective maintenance works of all mechanical and electrical equipments and its associated instrumentation and control system installed in Leyte Area facilities, aligned with the operations, maintenance and asset management philosophy of the Facility Operations for a safe, sustainable, highly reliable and dependable operation of the geothermal facilities, systems and equipment, to include monitoring and evaluation on the implemented outsourced maintenance works and services.

Leads in performing value engineering analysis for optimization of electrical, instrumentation and control equipment and its associated system repair activities, cost optimization, etc.

Being part of the Execution Team in the Site Maintenance Department, this role will work directly with the Site Maintenance team, as well as with other EDC organizations to provide support, guidance, and overall management, in leading the planning and execution of all electrical, instrumentation and control preventive, predictive and corrective maintenance activities for the entire Leyte Facility Operations.

Participates in and/or represents the group in management meetings, budget and project review, project management reporting, report performance against targets and escalate high-level issues that need immediate attention and resolution.

<p>Develops and leads the implementation of optimized electrical maintenance strategies in collaboration with the group Heads, other Facility Maintenance Groups, RIG, Resource Management, CMG and Reliability Group for major repair services and turnaround activities, by participating in the Maintenance Planning Workshop to ensure alignment of the corporate's goals / objectives and Facility Operation's business priorities and directions.</p>	
<p>Supervises in the enforcement of electrical maintenance policies, guidelines, and procedures through collaboration with the maintenance group to make sure that all maintenance personnel understand the requirements of the job, and that of the stakeholders.</p>	
<p>Leads in the evaluation and assessment of electrical maintenance work programs by conducting electrical maintenance needs analysis, and electrical maintenance's annual planning, including development of the group's goals up to individual goals of each electrical maintenance staff through the performance management system (PACE) aligning both the group's goals for efficient delivery of site maintenance services.</p>	
<p>Develops the over-all electrical group plans and programs in collaboration with SMD functional heads, and other support services, evaluates the frequency and appropriateness of the maintenance program to minimize unplanned facility maintenance and seeks management support and approval for funding and implementation of strategies.</p>	
<p>Prepares and controls the utilization of capital and operating expense budget of electrical maintenance group, in collaboration with budget analysts to ensure the optimized use of financial resources.</p>	
<p>Participates in and/or represents the group in Site Maintenance meetings, budget and project defense, project management reporting, to seek management approval, report performance against targets and escalate high-level issues that need immediate attention and resolution.</p>	
<p>Develops, oversees and implements electrical maintenance work program (preventive, predictive and corrective) and schedule in collaboration with Maintenance Head, presenting priority programs based on priorities and work alignment among various maintenance groups and the other Facility Operations group, and provides technical inputs to the Site Maintenance Group in the selection of priority maintenance activities.</p>	
<p>Prioritizes schedule and availability of maintenance group resources,(e.g. manpower, consumables and tools) beyond group's authority by evaluating</p>	



<p>business impact and risk to ensure fast decision making with Group Head and efficient execution of maintenance works.</p> <p>Recommends and/or identifies maintenance team/personnel that can be deployed during the development, construction, commissioning and handing over of greenfield and brownfield expansion projects to guarantee competent and qualified project lead.</p>	
<p>Supervises and leads the implementation of quality assurance plan from the established quality control and monitoring system in monitoring the contractors' performance based on the terms of references, scope of works, technical data sheets, health, environment & safety requirements and material take-off of all electrical preventive, predictive and corrective maintenance works to ensure that contractors and in-house personnel comply with the company's requirements on quality, cost, and time.</p>	
<p>Provides content / inputs specific to electrical maintenance works requirements in developing the contractor / vendor qualification framework to capture the complete specifications, TORs, scope of work, & other resource requirements.</p> <p>Monitor and ensure the quality of the repair of outsourced maintenance services in collaboration with reliability group through the application of standard repair methodologies, updated technologies, and readily available resources to attain the ultimate objectives being set.</p>	
<p>Performs technical guidance and direction among maintenance personnel, discusses present and anticipated execution problems, directs most appropriate course of action based on electrical maintenance priorities (P1-P5), during shutdown and emergency maintenance.</p>	
<p>Approves and closes work order and ensures that the scope of work are executed, correct data are captured through reviews of the status of all electrical maintenance works / activities in the EAM system regularly (daily, weekly, monthly and annual reports) based on established maintenance analytics dashboards to keep track on the progress of all preventive, predictive and corrective maintenance works / activities performance.</p>	
<p>Collaborates with shared services on inventory management, and optimal use of electrical maintenance consumables, supply & logistics by providing technical inputs in establishing system on material / equipment preservation, material / equipment functional testing & assurance, Purchase Request to Good Receipt tracking, and technical evaluation to ensure maximum utilization, availability, & within acceptable standards.</p>	
<p>Acts and/or provides a subject-matter expert in the analysis of maintenance tasks specific to electrical-related processes to come up with the most appropriate maintenance strategy and/or intervention for the optimized management of the asset through collaboration with other Maintenance Group, process, resource and reliability group, to reduce maintenance expenditures and improve maintenance performance.</p>	



energy
DEVELOPMENT CORPORATION

Leads in the implementation of mitigating plans/action items on electrical maintenance-related activities through close collaboration with Group Head and Reliability on the priority equipment based on the review of critical asset and continually review critical asset condition for update to proactively address potential equipment failure.	
Prepares (OPEX/CAPEX) budget for site maintenance group projected requirements and work program in collaboration with Group Head to ensure that the group has sufficient funds for efficient operations.	
General Responsibilities	
<ul style="list-style-type: none"> ▪ Executes health, security, environmental and safety rules and regulations of the company; 	
<ul style="list-style-type: none"> ▪ Practices APCS behaviors that adhere to the core values of the company; 	
<ul style="list-style-type: none"> ▪ Implements and complies with company rules and policies; and 	
<ul style="list-style-type: none"> ▪ Performs other related duties that may be assigned (by superiors) from time to time. 	

INTERNAL	
Immediate Supervisor	Head, Specialized Electrical Maintenance
Immediate Subordinates	NA
Internal Customers/Partners	FOM Verticals and Other Group
EXTERNAL	
External Customers/Partners	Certifying Bodies, Customers, Laboratories, Regulatory Agencies, Suppliers, Vendors, Service Contractors, Technical Experts, Consultants, Professional and Civic Organizations (PSME, Quest, OEM, PPS, etc.)
External Personnel Overseen	Consultants and Contractors

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Minimum Qualifications:

- **BS in Electrical or Mechanical Engineering**
- **PRC license is an advantage**
- **Language: fluent in English**

Minimum Experience

- **At least 1 year in experience in service with the Company in facility operation – maintenance related works**

Skills Required

Computer literate (Knowledgeable in MS Office software)

COMPETENCY	DEFINITION	PROFICIENCY LEVEL
LEADERSHIP COMPETENCIES (Individual Contributor)		
Business Perspective	The level of knowledge of parts or the totality of the business as well as the dynamics and complexities of the environment within which it operates and interacts with.	2
Customer Centricity	Focuses on creating a positive experience for the customer by maximizing service and / or product offerings and building relationships.	2
Effective Execution	Ability to execute well and effectively fulfil an organization's strategic agenda.	2
Innovation	Develops new insights into situations and applies different and novel solutions to make improvements.	2
FUNCTIONAL COMPETENCIES		
Asset and Risk Management	Apply knowledge of applicable regulations and company policies for acquisition, maintenance and disposal of corporate assets and properties for optimal and cost-effective utilization of resources. As a parallel ability, use knowledge of risk management principles and tools in mitigating asset problems/issues to determine their root causes and necessary cost effective facility operations and maintenance.	3

Business and Financial Management	Analyzes business processes and cost elements. Identifies, implements and monitors possible strategies aimed at optimizing the company's profitability.	1
Business Process Excellence	Understanding of the process of attaining business process excellence in order to improve efficiencies, pursue innovation and achieve high levels of customer satisfaction.	2
Engineering Professional Knowledge	Possession of a designated level of technical engineering skill (e.g. mechanical, electrical, piping etc.) or knowledge and the ability to keep up with current developments and trends in areas of expertise.	3
Facility Operations/Maintenance	Understanding of how to operate and maintain power generation facilities; improving system set-up to prolong facility life and optimize O&M costs.	3
Facility Systems Knowledge	Assessing systems characteristics/parameters. Visualizing inter-relationships of functional systems for power generation facilities and power grid. Optimizing power plant operations through effective & efficient management of the transmission lines. Understanding technology and implementing all related systems and procedures.	3
Knowledge of Maintenance Practices	Utilizing engineering and preventive maintenance principles to maintain machinery and equipment at a high level of performance. Developing and implementing an integrated maintenance strategy and conducting detailed trend analysis of equipment breakdowns.	3



Legal Regulatory Compliance and Standards Implementation	Understanding and overseeing compliance to relevant government and internal regulations.	3
Pricing Knowledge	Understands and applies concepts, models, and practices relevant to pricing in the industry, as well as the impact of consumer and market factors, in order to develop effective strategy.	1
Project Management	Planning, estimating and controlling work activities to reach a desired objective on time, within budget, and accordance to specification to meet a business need. Negotiating and entering into agreements with internal/external vendor/contractors when necessary for critical tasks.	2
Quality Control	Accomplishing tasks by considering all areas involved, no matter how detailed; showing concern for all aspects of the job; accurately checking processes and tasks; being watchful over a period of time.	3


8. REVIEW

HR-PARTNER:

Signature
Date

Immediate Head:



	Signature	Date
Division Head:		
	 Signature	01Dec2020 Date
Group Head:		
	Signature	Date

Job Holder:	
I hereby acknowledge the responsibilities, authorities, accountabilities, and other requirements as detailed in this document.	
Signature	Date



Job Title:	ENGINEER - MAINTENANCE
Directly Reports to:	Head Specialized Shared Services/Head Maintenance Team
Sector:	
Division:	Facility Operations
Department:	Site Maintenance Department
Group:	Facilities Operations & Maintenance
Section:	
Location:	EDC Facilities and International Projects

Responsible for the implementation of timely, safe, environmental-friendly and cost-effective planning, scheduling and execution of the preventive, predictive and corrective maintenance works of all mechanical and electrical equipment and its associated instrumentation and control system installed in facilities, aligned with the operations, maintenance and asset management philosophy of the Facility Operations for a safe, sustainable, highly reliable and dependable operation of the geothermal facilities, systems and equipment, to include monitoring and evaluation of all implemented outsourced maintenance works for optimization of cost.

Participates in and/or represents the group in management meetings, budget and project review, project management reporting, report performance against targets and escalate high-level issues that need immediate attention and resolution.

- Leads the implementation of optimized mechanical, electrical and instrumentation and controls maintenance strategies in collaboration with the group Heads and other verticals for major repair services and turnaround activities, by participating in the Maintenance Planning Workshop to ensure alignment of the corporate's goals / objectives and Facility Operation's business priorities and directions.



<ul style="list-style-type: none"> • Implements the direction and objectives of Maintenance Team, to align plans and programs with other functional groups and other stakeholders' requirements 	
<ul style="list-style-type: none"> • Participates in the maintenance team work programs for annual planning for the efficient delivery of site maintenance team services. 	
<ul style="list-style-type: none"> • Collaborates with other verticals, for the appropriateness of the maintenance program. 	
<ul style="list-style-type: none"> • Recommends and/or identifies improvement in the planning and execution of maintenance equipment to ensure asset management philosophy is optimized. 	
<ul style="list-style-type: none"> • Contributes to technical discussion among maintenance personnel during shutdown and emergency maintenance activities. 	
<ul style="list-style-type: none"> • Recommends revision / modification / simplification of maintenance related standard operating procedures and processes based on identified gaps. 	
<ul style="list-style-type: none"> • Leads in the implementation of corrective/mitigating plans/action items on maintenance-related activities through close collaboration with reliability and operations. 	
General Responsibilities	
<ul style="list-style-type: none"> ▪ Executes health, security, environmental and safety rules and regulations of the company; 	
<ul style="list-style-type: none"> ▪ Practices APCS behaviors that adhere to the core values of the company; 	
<ul style="list-style-type: none"> ▪ Implements and complies with company rules and policies; and 	
<ul style="list-style-type: none"> ▪ Performs other related duties that may be assigned (by superiors) from time to time. 	

INTERNAL	
Immediate Supervisor	Head, Specialized Shared Services / Head, Maintenance Team
Immediate Subordinates	NA
Internal Customers/Partners	FOM Verticals and Other Group
EXTERNAL	



External Customers/Partners	Certifying Bodies, Customers, Laboratories, Regulatory Agencies, Suppliers, Vendors, Service Contractors, Technical Experts, Consultants, Professional and Civic Organizations (PSME, Quest, OEM, PPS, etc.)
External Personnel Overseen	Consultants and Contractors

Minimum Qualifications:	
<ul style="list-style-type: none"> • BS in Engineering • PRC license is an advantage • Language: fluent in English 	
Minimum Experience	
<ul style="list-style-type: none"> • None 	


COMPETENCY	DEFINITION	PROFICIENCY LEVEL
LEADERSHIP COMPETENCIES (Individual Contributor)		
Business Perspective	The level of knowledge of parts or the totality of the business as well as the dynamics and complexities of the environment within which it operates and interacts with.	1
Customer Centricity	Focuses on creating a positive experience for the customer by maximizing service and / or product offerings and building relationships.	1
Effective Execution	Ability to execute well and effectively fulfil an organization's strategic agenda.	2
Innovation	Develops new insights into situations and applies different and novel solutions to make improvements.	2
FUNCTIONAL COMPETENCIES		
Asset and Risk Management	Apply knowledge of applicable regulations and company policies for acquisition, maintenance and disposal of corporate assets and properties for optimal and cost-	2

	effective utilization of resources. As a parallel ability, use knowledge of risk management principles and tools in mitigating asset problems/issues to determine their root causes and necessary cost effective facility operations and maintenance.	
Business and Financial Management	Analyzes business processes and cost elements. Identifies, implements and monitors possible strategies aimed at optimizing the company's profitability.	1
Health, Safety and Environment Management	Understanding the concepts and applications of health, safety and environment management systems and practices to achieve best-in-class health, a zero-injury work environment and to drive environmental stewardship	3
Business Process Excellence	Understanding of the process of attaining business process excellence in order to improve efficiencies, pursue innovation and achieve high levels of customer satisfaction.	2
Engineering Professional Knowledge	Possession of a designated level of technical engineering skill (e.g. mechanical, electrical, piping etc.) or knowledge and the ability to keep up with current developments and trends in areas of expertise.	3
Facility Operations/Maintenance	Understanding of how to operate and maintain power generation facilities; improving system set-up to prolong facility life and optimize O&M costs.	3
Facility Systems Knowledge	Assessing systems characteristics/parameters. Visualizing inter-relationships of functional systems for power generation facilities and power grid. Optimizing power plant operations through effective & efficient management of the transmission lines. Understanding technology and implementing all related systems and procedures.	3
Knowledge of Maintenance Practices	Utilizing engineering and preventive maintenance principles to maintain machinery and equipment at a high level of performance. Developing and implementing an integrated maintenance strategy and conducting detailed trend analysis of equipment breakdowns.	2
Legal Regulatory Compliance and Standards Implementation	Understanding and overseeing compliance to relevant government and internal regulations.	2
Pricing Knowledge	Understands and applies concepts, models, and practices relevant to pricing in the industry, as well as the impact of consumer and market factors, in order to develop effective strategy.	1
Project Management	Planning, estimating and controlling work activities to reach a desired objective on time, within budget, and accordance to specification to meet a business need. Negotiating and entering into agreements with internal/external vendor/contractors when necessary for critical tasks.	2
Quality Control	Accomplishing tasks by considering all areas involved, no matter how detailed; showing concern for all aspects of the job; accurately checking processes and tasks; being watchful	2



	over a period of time.	
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8. REVIEW	
HR-PARTNER:	
Signature	Date

Immediate Head:	
Signature	Date
Division Head:	
 Signature	07Dec2020 Date
Group Head:	
Signature	Date

Job Holder:	
I hereby acknowledge the responsibilities, authorities, accountabilities, and other requirements as detailed in this document.	
Signature	Date





Job Title:	SENIOR ENGINEER - MAINTENANCE
Directly Reports to:	Head Specialized Shared Services/Head Maintenance Team
Sector:	
Division:	Facility Operations
Department:	Site Maintenance Department
Group:	Facilities Operations & Maintenance
Section:	
Location:	EDC Facilities and International Projects

Responsible to lead the implementation and overseeing the timely, safe, environmental-friendly and cost-effective planning, scheduling and execution of the preventive, predictive and corrective maintenance works of all mechanical and electrical equipment and its associated instrumentation and control system installed in facilities, aligned with the operations, maintenance and asset management philosophy of the Facility Operations for a safe, sustainable, highly reliable and dependable operation of the geothermal facilities, systems and equipment, to include monitoring and evaluation of all implemented outsourced maintenance works for optimization of cost.

Participates in and/or represents the group in management meetings, budget and project review, project management reporting, report performance against targets and escalate high-level issues that need immediate attention and resolution.

- Develops and leads the implementation of optimized mechanical, electrical and instrumentation and controls maintenance strategies in collaboration with the group Heads and other verticals for major repair services and turnaround activities, by participating in the Maintenance Planning Workshop to ensure alignment of the corporate's goals / objectives and Facility Operation's business priorities and directions.

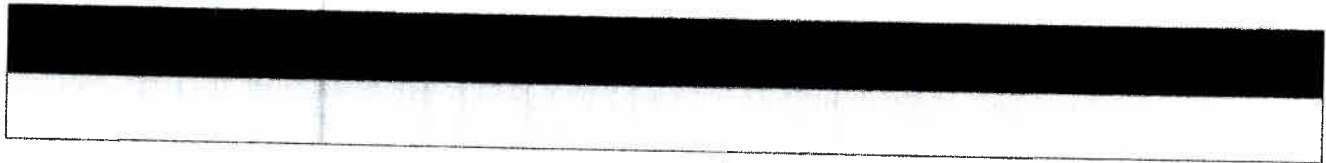


<ul style="list-style-type: none"> Leads to implement the direction and objectives of Maintenance Team, to align plans and programs with other functional groups and other stakeholders' requirements 	
<ul style="list-style-type: none"> Participates in the maintenance team work programs for annual planning for the efficient delivery of site maintenance team services. 	
<ul style="list-style-type: none"> Develops the maintenance team plans and programs in collaboration with other verticals, for the appropriateness of the maintenance program. 	
<ul style="list-style-type: none"> Reviews and endorse recommendations for improvement in the planning and execution of maintenance equipment to ensure asset management philosophy is optimized. 	
<ul style="list-style-type: none"> Leads technical discussion among maintenance personnel during shutdown and emergency maintenance activities. 	
<ul style="list-style-type: none"> Reviews and endorse recommendations for revision / modification / simplification of maintenance related standard operating procedures and processes based on identified gaps. 	
<ul style="list-style-type: none"> Review and endorse corrective/mitigating plans/action items on maintenance-related activities through close collaboration with reliability and operations. 	
General Responsibilities	
<ul style="list-style-type: none"> Executes health, security, environmental and safety rules and regulations of the company; 	
<ul style="list-style-type: none"> Practices APCS behaviors that adhere to the core values of the company; 	
<ul style="list-style-type: none"> Implements and complies with company rules and policies; and 	
<ul style="list-style-type: none"> Performs other related duties that may be assigned (by superiors) from time to time. 	

INTERNAL	
Immediate Supervisor	Head, Specialized Shared Services/ Head, Maintenance Team
Immediate Subordinates	NA
Internal Customers/Partners	FOM Verticals and Other Group
EXTERNAL	



External Customers/Partners	Certifying Bodies, Customers, Laboratories, Regulatory Agencies, Suppliers, Vendors, Service Contractors, Technical Experts, Consultants, Professional and Civic Organizations (PSME, Quest, OEM, PPS, etc.)
External Personnel Overseen	Consultants and Contractors



<p>Minimum Qualifications:</p> <ul style="list-style-type: none"> • BS in Engineering • PRC license is an advantage • Language: fluent in English <p>Minimum Experience</p> <ul style="list-style-type: none"> • At least 1 year in experience in service with the Company in facility operation – related works in operations, maintenance and/or installation, commissioning

COMPETENCY	DEFINITION	PROFICIENCY LEVEL
LEADERSHIP COMPETENCIES (Individual Contributor)		
Business Perspective	The level of knowledge of parts or the totality of the business as well as the dynamics and complexities of the environment within which it operates and interacts with.	2
Customer Centricity	Focuses on creating a positive experience for the customer by maximizing service and / or product offerings and building relationships.	2
Effective Execution	Ability to execute well and effectively fulfil an organization's strategic agenda.	2
Innovation	Develops new insights into situations and applies different and novel solutions to make improvements.	2
FUNCTIONAL COMPETENCIES		
Asset and Risk	Apply knowledge of applicable regulations and company	3

Management	policies for acquisition, maintenance and disposal of corporate assets and properties for optimal and cost-effective utilization of resources. As a parallel ability, use knowledge of risk management principles and tools in mitigating asset problems/issues to determine their root causes and necessary cost effective facility operations and maintenance.	
Business and Financial Management	Analyzes business processes and cost elements. Identifies, implements and monitors possible strategies aimed at optimizing the company's profitability.	1
Health, Safety and Environment Management	Understanding the concepts and applications of health, safety and environment management systems and practices to achieve best-in-class health, a zero-injury work environment and to drive environmental stewardship	3
Business Process Excellence	Understanding of the process of attaining business process excellence in order to improve efficiencies, pursue innovation and achieve high levels of customer satisfaction.	2
Engineering Professional Knowledge	Possession of a designated level of technical engineering skill (e.g. mechanical, electrical, piping etc.) or knowledge and the ability to keep up with current developments and trends in areas of expertise.	3
Facility Operations/Maintenance	Understanding of how to operate and maintain power generation facilities; improving system set-up to prolong facility life and optimize O&M costs.	3
Facility Systems Knowledge	Assessing systems characteristics/parameters. Visualizing inter-relationships of functional systems for power generation facilities and power grid. Optimizing power plant operations through effective & efficient management of the transmission lines. Understanding technology and implementing all related systems and procedures.	3
Knowledge of Maintenance Practices	Utilizing engineering and preventive maintenance principles to maintain machinery and equipment at a high level of performance. Developing and implementing an integrated maintenance strategy and conducting detailed trend analysis of equipment breakdowns.	3
Legal Regulatory Compliance and Standards Implementation	Understanding and overseeing compliance to relevant government and internal regulations.	3
Pricing Knowledge	Understands and applies concepts, models, and practices relevant to pricing in the industry, as well as the impact of consumer and market factors, in order to develop effective strategy.	1
Project Management	Planning, estimating and controlling work activities to reach a desired objective on time, within budget, and accordance to specification to meet a business need. Negotiating and entering into agreements with internal/external vendor/contractors when necessary for critical tasks.	2



Quality Control	Accomplishing tasks by considering all areas involved, no matter how detailed; showing concern for all aspects of the job; accurately checking processes and tasks; being watchful over a period of time.	3
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8. REVIEW

HR-PARTNER:

Signature _____ Date _____

Immediate Head:

Signature _____ Date _____

Division Head:


 Signature
 07Dec2020
 Date

Group Head:

Signature _____ Date _____

Job Holder:

I hereby acknowledge the responsibilities, authorities, accountabilities, and other requirements as detailed in this document.



energy
DEVELOPMENT CORPORATION

Signature	Date
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