

**GENERAL PLANT DESCRIPTION**

Name of Generating Company/Facility: \_\_\_\_\_

1. Plant Geographical Location: \_\_\_\_\_  
\_\_\_\_\_

2. Type and Number of Plant installed: \_\_\_\_\_  
\_\_\_\_\_

3. Installed Capacity in MW: \_\_\_\_\_

4. Plant Factor in percent: \_\_\_\_\_

5. Annual Generation in GWH: \_\_\_\_\_

6. Fuel type: \_\_\_\_\_  
(Main Fuel & Start-up Fuel)

7. Fuel Source: \_\_\_\_\_

8. Point of Interconnection: \_\_\_\_\_

9. Source of Fresh Water: \_\_\_\_\_

10. Construction Period in months: \_\_\_\_\_

11. Economic Life in years: \_\_\_\_\_

12. Oil Equivalent in million barrels(Fuel): \_\_\_\_\_

13. Percent contribution to the Luzon Grid: \_\_\_\_\_

14. Percent contribution to the entire Grid: \_\_\_\_\_

15. Estimated Project Cost: \_\_\_\_\_

16. Date of Commissioning: \_\_\_\_\_

17. Plant Efficiency: \_\_\_\_\_

18. Description and rated capacity of substation/switchyard and metering  
equipment:  
\_\_\_\_\_  
\_\_\_\_\_

19. Description of its communication and SCADA equipment:

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20. Spinning Reserve Level in MW: \_\_\_\_\_

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21. Handling and disposal of dangerous waste and substances: \_\_\_\_\_

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22. Contingency measures in case of flood, typhoon, etc. \_\_\_\_\_

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**Description of the Specific Technical Data For Coal Plants:**

23. Coal Unloader Capacity & Type: \_\_\_\_\_

24. Coal Yard Description: \_\_\_\_\_

25. Pulverizer: \_\_\_\_\_

26. Ash Handling System: \_\_\_\_\_

27. Stacker/Reclaimer: \_\_\_\_\_

28. Electrostatic Precipitator: \_\_\_\_\_

**Technical description of Thermal(Coal) and/or Geothermal plants:**

29. Steam Generator type: \_\_\_\_\_  
(Nameplate data)

30. Steam Turbine Type: \_\_\_\_\_  
(Nameplate data)

31. Condenser Type : \_\_\_\_\_  
(Nameplate data)

**Technical Description for Hydro Power Plants**

32. General Water Appropriation: (Please check)

- |                                     |  |
|-------------------------------------|--|
| <input type="checkbox"/> Domestic   | <input type="checkbox"/> Fisheries         |
| <input type="checkbox"/> Municipal  | <input type="checkbox"/> Livestock raising |
| <input type="checkbox"/> Irrigation | <input type="checkbox"/> Industrial        |

\_\_\_ Power Generation                      \_\_\_ Recreational  
\_\_\_ Others, please specify: \_\_\_\_\_  
\_\_\_\_\_

**33. General Land Classification of the Project areas: (Please check)**

\_\_\_ Public Land                                      \_\_\_ Privately owned land

**34. Present Land Use Classification: (Please check)**

\_\_\_ Agricultural                                      \_\_\_ Industrial  
\_\_\_ Commercial                                      \_\_\_ Forest Land  
\_\_\_ Open Spaces                                      \_\_\_ Tourism  
\_\_\_ Institutional                                      \_\_\_ Others, please specify:  
\_\_\_\_\_

**35. Project Components**

**a) Relevant Dimensions**

Plant Capacity in MW : \_\_\_\_\_  
Max. Plant Discharge in Cubic meter per second : \_\_\_\_\_  
Min. Plant Discharge in Cubic meter per second : \_\_\_\_\_  
Max. Headwater Level meters at sea level : \_\_\_\_\_  
Min. Operating Headwater Level : \_\_\_\_\_  
Tailrace Water Level : \_\_\_\_\_  
Estimated Net Head: : \_\_\_\_\_  
Total Storage Volume in cubic meters : \_\_\_\_\_

**b) Structures and Buildings: Description and Specifications**

Reservoir : \_\_\_\_\_  
Waterways : \_\_\_\_\_  
Turbines : \_\_\_\_\_  
Generators : \_\_\_\_\_  
Switchyard equipment : \_\_\_\_\_  
Penstock : \_\_\_\_\_  
Powerhouse : \_\_\_\_\_  
Other Structures : \_\_\_\_\_

Note: Please provide additional sheet(s) if necessary.

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Name of person who provided the above information: \_\_\_\_\_

Signature: \_\_\_\_\_ Date Accomplished: \_\_\_\_\_

Res. Cert. No. \_\_\_\_\_

Date Issued : \_\_\_\_\_

Place Issued: \_\_\_\_\_