

Director Thermal
Job Description and Eligibility Criteria

Position Name: Director Thermal
Directorate: Technical

Position Grade: NPG-1
Location: Islamabad

Key Responsibilities

- Responsible for designing and development of programs for integrated thermal management systems in all major sectors of the economy.
- Responsible for setting benchmark for competitive thermal components, to define functional target and engineering specifications.
- Responsible to conducts energy audits to inspect, survey, model, and analyze the primary energy flows (mechanical, electrical and thermal) of different thermal power plants, utilities, industries, transport and building sectors.
- Coordinate and conduct hardware testing in the lab to verify and validate thermal management system hardware functionality and reliability.
- Responsible for conducting all negotiations with the external stakeholders regarding establishment of any technical facility like Center of Excellence for Energy Efficiency etc.
- Work closely with suppliers on design evaluation and validation of the thermal components in order to meet product specification and requirements.
- Thermal solution design & implementation of System products according to the Requirement Specifications and internal/external standards endorsed by NEECA.
- Conduct and coordinate analytical simulations for interconnect thermal management systems.
- Responsible for reviewing the limit of annual energy consumption in terms of metric tons of oil equivalent after every three years with effect from the date of publication of the respective notification for purpose of declaring designated consumers or any other establishment specified in the Schedule to the Act.
- Assist in procurement of equipment through preparation of technical specifications, tender documents and evaluation of technical proposals.
- Responsible for the preparation of programs to strengthen the existing appliance testing labs and help establish and maintain one or more laboratories as accredited laboratories for conducting tests and analysis to help the Authority in performance of its functions and to conduct research in various aspects of energy conservation.
- Examine commercial sites to determine the feasibility of installing equipment that allows building management systems to reduce energy consumption.
- Responsible for conducting inspection or evaluation of building envelopes, mechanical systems, electrical systems, or process systems to determine the energy consumption of each system, as per standards & labels approved / endorsed by the NEECA.
- Analyze energy bills, including utility rates or tariffs, to gather historical energy usage data, Identify and prioritize energy-saving measures, analyze technical feasibility of energy-saving measures, using knowledge of engineering, energy production, energy use, construction, maintenance, system operation, or process systems.
- Coordinate and pursue the technical cases with the business community and other officials and agencies of the Government of Pakistan on behalf of NEECA.
- Any other relevant duties and tasks as assigned.

Qualification and Experience

- Master's Degree in Engineering (Electrical, Mechanical, Thermal, Power, Energy or any related discipline) from HEC recognized University. Minimum 10 years of post-qualification recognized and verifiable professional experience.

OR

- Bachelor Degree in Engineering (Electrical, Mechanical, Thermal, Power, Energy) from HEC recognized university. Minimum 12 years of post-qualification recognized and verifiable professional experience.
- Maximum age of the candidate should not be more than 45 years on the date of advertisement of this position.
