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| **LIST OF ACRONYMS/ABBREVIATIONS** | | | |  |
|  |  |  |  |  |
| **AF** | Air-Fuel Ratio | | | |
| **AH** | Air Heater | | | |
| **ASME** | American Society of of Mechanical Engineers | | | |
| **AST** | Ash Slurry Tank | | | |
| **BATELEC** | Batangas Electric Cooperative, Incorporated | | | |
| **B** | Boiler | | | |
| **BFP** | Boiler Feed Pump | | | |
| **BV** | Book Value | | | |
| **C** | Carbon/Celcius/Centigrade | | | |
| **Cb** | Unburnt Loss | | | |
| **CEP** | Condensate Extraction Pump | | | |
| **CF** | Coal Feeder | | | |
| **CFWH** | Closed Feed Water Heater | | | |
| **CH** | Crusher House | | | |
| **CHN** | Chimney | | | |
| **CO** | Carbon Monoxide | | | |
| **CO2** | Carbon Dioxide | | | |
| **COND** | Condenser | | | |
| **CoX** | Carbon Oxide Emission | | | |
| **CS** | Coal Silo | | | |
| **CSP** | Coal Stock Pile | | | |
| **CU** | Cooling Unit | | | |
| **CV** | Conveyor | | | |
| **CWP** | Circulating Water Pump/Cooling Water Pump | | | |
| **CWPS** | Circulating Water Pump Station | | | |
| **DRT** | Deaerator | | | |
| **DOE** | Department of Energy | | | |
| **e** | Efficiency | | | |
| **ECO** | Economizer | | | |
| **EG** | Electrical Grid | | | |
| **EIRR** | Economic Internal Rate of Return | | | |
| **ENPV** | Expected Net Present Value | | | |
| **ESP** | Electrostatic Precipitator | | | |
| **F** | Farenheit | | | |
| **FC** | Flue Gas Cleaning/Trap | | | |
| **FGTF** | Flue Gas Treatment Facility | | | |
| **FPBC** | First Bay Power Corporation | | | |
| **FNC** | Furnace | | | |
| **ft** | Feet | | | |
| **FWP** | Feed Water Pump | | | |
| **Gen** | Generator | | | |
| **h** | Hour/Enthalpy | | | |
| **H** | Hydrogen | | | |
| **HHV** | Higher Heating Value | | | |
| **hp** | horsepower | | | |
| **HP** | High Pressure Turbine | | | |
| **HR** | Heat Rate | | | |
| **Hz** | Hertz | | | |
| **I&C** | Instrumentation and Control | | | |
| **IDF** | Induced Draft Fan | | | |
| **IEEC** | Ibaan Electric Engineering Corporation | | | |
| **IP** | Intermediate Pressure Turbine | | | |
| **J** | Joule | | | |
| **K** | Kelvin | | | |
| **kg** | Kilogram | | | |
| **kg/s** | Kilogram per second | | | |
| **kg/hr** | Kilogram per hour | | | |
| **kJ** | Kilo Joule | | | |
| **km** | Kilometer | | | |
| **kPa** | Kilo Pascal | | | |
| **kV** | Kilo Volts | | | |
| **kW** | Kilo Watt | | | |
| **kWh** | Kilo Watt Hour | | | |
| **L** | Liter | | | |
| **Lfg** | Dry flue gas Loss | | | |
| **Lh** | Humidity Loss | | | |
| **Lm** | Moisture Loss | | | |
| **LP** | Low Pressure Turbine | | | |
| **m** | Meter | | | |
| **MPa** | Mega Pascal | | | |
| **m3/hr** | Meter Cuber per Hour | | | |
| **mf** | mass flow rate of fuel | | | |
| **ms** | Mass flow rate of steam | | | |
| **MW** | Mega Watt | | | |
| **N** | Nitrogen | | | |
| **NoX** | Nitrogen Oxide Emission | | | |
| **NGCP** | National Grid Corporation of the Philippines | | | |
| **O** | Oxygen | | | |
| **O&M** | Operation and Maintenance | | | |
| **P** | Power/Pressure | | | |
| **Pa** | Pascal | | | |
| **PAF** | Primary Air Fan | | | |
| **PC** | Pulverized Coal | | | |
| **PRH** | Pulverized Reject Hopper | | | |
| **psi** | Pounds Per Square Inch | | | |
| **PZR** | Pulverizer | | | |
| **Qa** | Total Heat added | | | |
| **Qb** | Heat added in the boiler | | | |
| **Ql** | Heat losses | | | |
| **Qrh** | Heat added in the reheater | | | |
| **RH** | Reheater | | | |
| **ROI** | Rate of Investment | | | |
| **s** | Second | | | |
| **S** | Sulfur/Stack | | | |
| **SD** | Steam Drum | | | |
| **SH** | Superheater | | | |
| **SL** | Service Life | | | |
| **SOX** | Sulfur Oxide Emission | | | |
| **SR** | Steam Rate | | | |
| **ST** | Steam Turbine | | | |
| **SV** | Salvage Value | | | |
| **t** | ton | | | |
| **T** | Temperature | | | |
| **TRN** | Transformer | | | |
| **TCI** | Total Capital Expenditures | | |  |
| **V** | Volume | | | |
| **W** | Watt | | | |
| **Wnet** | Net work Cycle | | | |
| **Wp** | Work of Pump | | | |
| **WS** | WorkShop | | | |
| **Wt** | Work of Turbine | | | |
| **WTP** | Water Treatment Plant | | | |
| **yr** | Year | | | |