

# Glossary

**Equivalent Availability Factor (EAF):** Percentage on deration of usable hours on generating units in period hour, i.e.

$$EAF = \frac{\text{Available Hours (AH)} - \text{Equivalent Unit Derated Hours (EUNDH)}}{\text{Period Hour (PH)}} \times 100\%$$

**Gross Capacity Factor (GCF):**

$$GCF = \frac{\text{Gross Actual Generation (GAAG)}}{\text{Period Hour (PH)} \times \text{Gross Maximum Capacity (GMC)}} \times 100\%$$

**Weighted Average Coal Consumption Rate for Power Sold:** The standard of measurement on average consumption of coal for the production of every one kWh of electricity from a coal-fired generating unit. Unit: gram/kWh

**Weighted Average Coal Consumption Rate for Power Generated:** The standard of measurement on average consumption of coal for the generation of every one kWh of electricity from a coal-fired generating unit. Unit: gram/kWh

**Weighted Average House Consumption:** The rate of electricity consumption during power production versus power generating unit: %

**Average Utilization Hour:** The operation hour coefficient converted from actual gross power generation of generating units to maximum gross capacity (or fixed capacity)

**Capacity Rate:** Ratio between average capacity and maximum capacity which indicates the difference in capacity. The larger the ratio, the more balanced the power production, and the higher the utilization of facilities

**Power Generation:** Electricity generated by power plants (generating units) during the reporting period, or "power generation". It refers to the consumed generated electricity produced by generating units with power energy being processed and transferred, or the product of actual consumed electricity generated by generating units and actual operation hours of generating units

**Electricity Sold:** Electricity for consumption or production sold by power producers to customers or power-producing counterparts

GW: = The unit of power generation, = 10<sup>9</sup>W, gigawatt

MW: = The unit of power generation 10<sup>6</sup>W, megawatt

kW: = The unit of power generation 10<sup>3</sup>W, kilowatt

kWh: Unit of power generation, kilowatt per hour