

GENERATION DATA

DATE_TIME

Date and time for each observation. Observations recorded at 15 minute intervals.

PLANT_ID

Plant ID - this will be common for the entire file.

SOURCE_KEY

Source key in this file stands for the inverter id.

DC_POWER

Amount of DC power generated by the inverter (source_key) in this 15 minute interval. Units - kW.

AC_POWER

Amount of AC power generated by the inverter (source_key) in this 15 minute interval. Units - kW.

DAILY_YIELD

Daily yield is a cumulative sum of power generated on that day, till that point in time.

TOTAL_YIELD

This is the total yield for the inverter till that point in time.

WEATHER SENSOR DATA

DATE_TIME

Date and time for each observation. Observations recorded at 15 minute intervals.

PLANT_ID

Plant ID - this will be common for the entire file.

SOURCE_KEY

Stands for the sensor panel id. This will be common for the entire file because there's only one sensor panel for the plant.

AMBIENT_TEMPERATURE

This is the ambient temperature at the plant.

MODULE_TEMPERATURE

There's a module (solar panel) attached to the sensor panel. This is the temperature reading for that module.

IRRADIATION Amount of irradiation for the 15 minute interval.