**Smart Meter Data**

'DATE',

'TIME',

'TOTAL\_IMPORT (kWh)' : Total Cumulative consumed energy units

'TOTAL\_EXPORT (kWh)' : Total Cumulative generated energy units

'TOTAL\_IMPORT - PV1 (kWh)' : Total consumed energy units as at 1st of the given month at 00:00 hrs

'TOTAL\_EXPORT - PV1 (kWh)' : Total generated energy units as at 1st of the month at 00:00 hrs

'TR1\_TOTAL\_IMPORT (kWh)' : Cumulative consumed energy units for Day Time

'TR2\_TOTAL\_IMPORT (kWh)' : Cumulative consumed energy units for Peak Time

'TR3\_TOTAL\_IMPORT (kWh)' : Cumulative consumed energy units for off - Peak Time

'TR1\_TOTAL\_EXPORT (kWh)' : Cumulative generated energy units for Day Time

'TR2\_TOTAL\_EXPORT (kWh)' : Cumulative generated energy units for Peak Time

'TR3\_TOTAL\_EXPORT (kWh)' : Cumulative generated energy units for off-Peak Time

'TR1\_TOTAL\_IMPORT - PV1 (kWh)' : Day time consumed energy units as at 1st of the given month at 00:00 hrs

'TR2\_TOTAL\_IMPORT - PV1 (kWh)' : Peak time consumed energy units as at 1st of the given month at 00:00 hrs

'TR3\_TOTAL\_IMPORT - PV1 (kWh)' : Off-Peak time consumed energy units as at 1st of the given month at 00:00 hrs

'TR1\_TOTAL\_EXPORT - PV1 (kWh)' : Day time generated energy units as at 1st of the given month at 00:00 hrs

'TR2\_TOTAL\_EXPORT - PV1 (kWh)' : Peak time generated energy units as at 1st of the given month at 00:00 hrs

'TR3\_TOTAL\_EXPORT - PV1 (kWh)' : Off-Peak time generated energy units as at 1st of the given month at 00:00 hrs

'PHASE\_A\_CURRENT (A)',

'PHASE\_A\_VOLTAGE (V)',

'FREQUENCY (Hz)',

'PHASE\_B\_CURRENT (A)',

'PHASE\_B\_VOLTAGE (V)',

'PHASE\_C\_CURRENT (A)',

'PHASE\_C\_VOLTAGE (V)',

'REMOTE\_METER\_RELAY\_STATUS' : Status of the meter relay (open/close)

**Non-Smart Meter Data**

| **Variable Name** | **Description** | **Data Type** |
| --- | --- | --- |
| **household\_ID** | Unique identifier for each household. | Categorical |
| **Month** | The month for which the electricity consumption data is recorded. | Categorical |
| **Consumption** | Total electricity consumption for the household in the given month. | Numeric |