The microloads and their respective IDs are as follows; North Bedroom (B1E), Master/South Bedroom (B2E), Basement Plugs & Lights (BME), Clothes Dryer (CDE), Clothes Washer (CWE), Dining Room Plugs (DNE), Dishwasher (DWE), Electronics Workbench (EBE), Security/Network (EQE), Kitchen Fridge (FGE), HVAC/Furnace (FRE), Garage (GRE), Heat Pump (HPE), Instant Hot Water Unit (HTE), Home Office (OFE), Outside Plug (OUE), Ent Tv/PVR/AMP (TVE), Utility Room Plug (UTE), Wall Oven (WOE), and Rental Home (RSE). The weather information used as the independent variables in this research are also shown in the dataset as; Temperature (Temp (C)), Dew Point Temperature (Dew Point Temp (C)), Relative Humidity (Rel Hum (\%)), Wind Direction (Wind Dir (10s deg)), Wind Speed (Wind Spd (km/h)), Visibility (Visibility (km)) and Saturation Pressure (Stn Press (kPa)).