Entities and attributes:

- Location: city, postal_code, state, longitude, latitude
- Household: email, square_footage, household_type, public_utility, heating_setting, cooling_setting
- PowerGenerator: generatorID, generator_type, battery_storage_capacity_kilowatt_hours, average_monthly_kilowat_hours_generated
- Appliance: applianceID, model, BTU
- AirHandler: RPM
- WaterHeater: tank_sIze, current_temperature, energy_source
- AirConditioner: EER
- Heater: energy_source
- HeatPump: SEER, HSPF
- Manufacturer: manufacturer_name

Relationships:

- Location (1) — Locates — (N) Household
- Household (1) — Has — (N) PowerGenerator
- Household (1) — Associate with — (N) Appliance
- Appliance (N) — Manufactured by — (1) Manufacturer
- Appliance — d — { AirHandler, WaterHeater }
- AirHandler — o — { AirConditioner, Heater, HeatPump }

Phase 2 Updates to the EER:
1. OFF-THE-GRID and ON-THE-GRID entities deemed unnecessary, thus, we removed them from the updated EER
2. HEATING and COOLING entities deemed unnecessary, thus, we removed them from the updated EER. They are now the attribute of Household
3. Subclasses of Appliance and subclasses of Air Handler changed to weak entities.
4. Relation between Appliance and Manufacturer no longer a weak relation.