

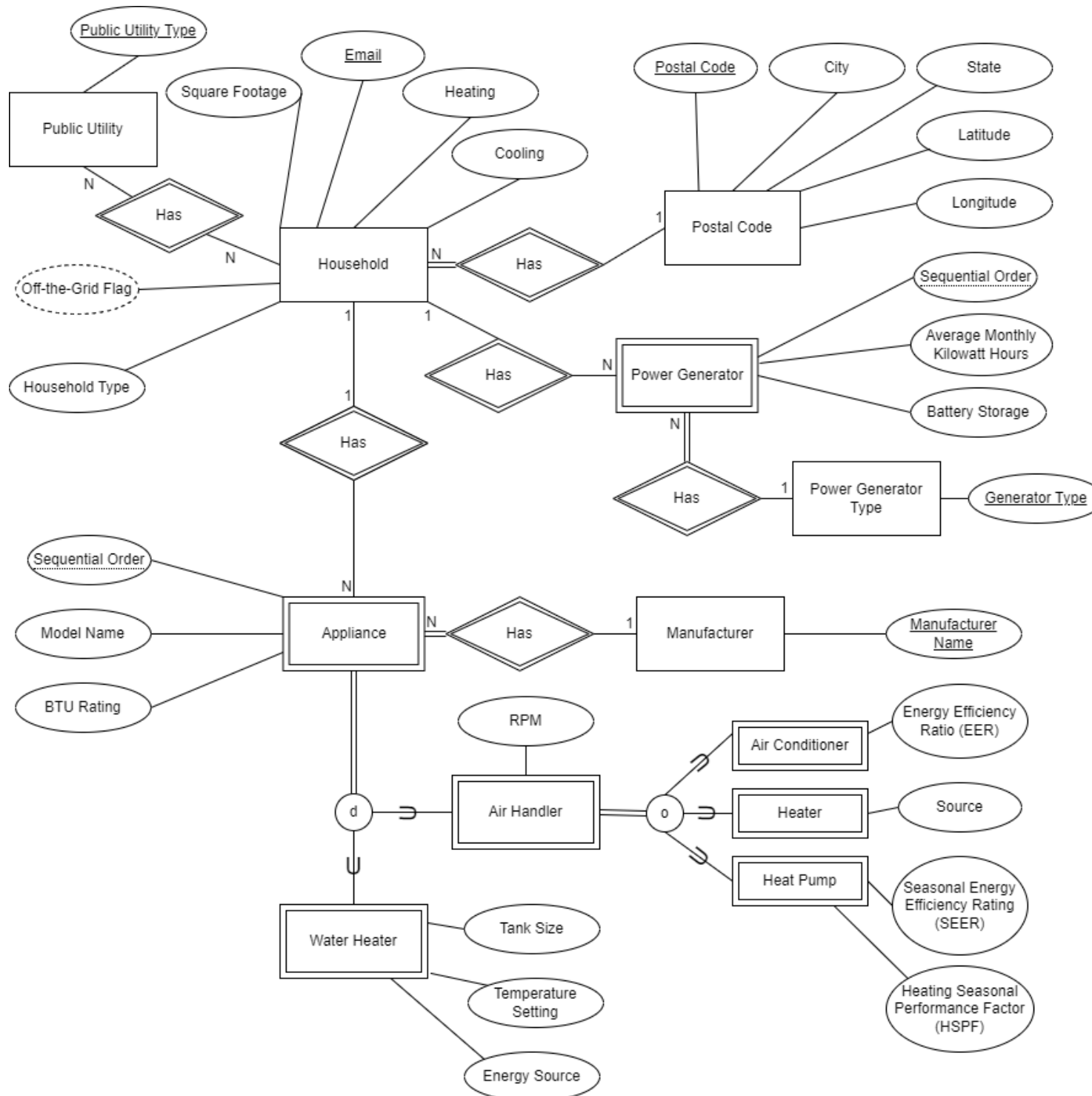
Updated: Enhanced Entity-Relationship (EER) Diagram

CS6400 Summer 2023

Phase 2

Team 08

Please see next page for
description of changes.



Changes to EER:

1. Household Type was changed from a separate entity to an attribute of Household.
2. The rectangles designating Water Heater, Air Handler, Air Conditioner, Heater and Heat Pump were changed to reflect that they are Weak Entities.
3. The relationship from Air Handler to Air Conditioner, Heater and Heat Pump was changed from a disjoint union to overlapping mandatory subclassing.
4. Participation in the Household to Postal Code relationship was made mandatory for the Household.
5. Added a Power Generator Type Entity and the mandatory relationship between a Power Generator and Power Generator Type.