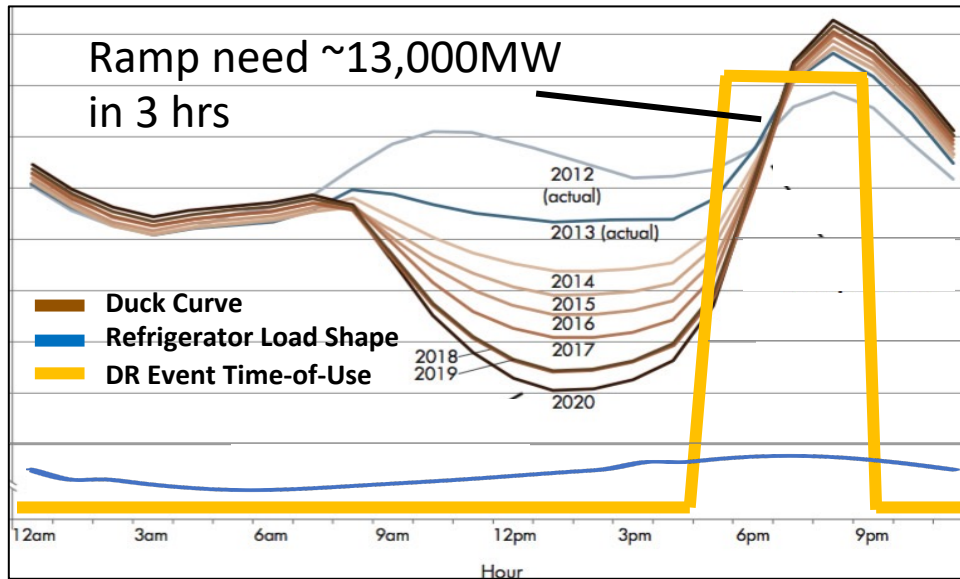
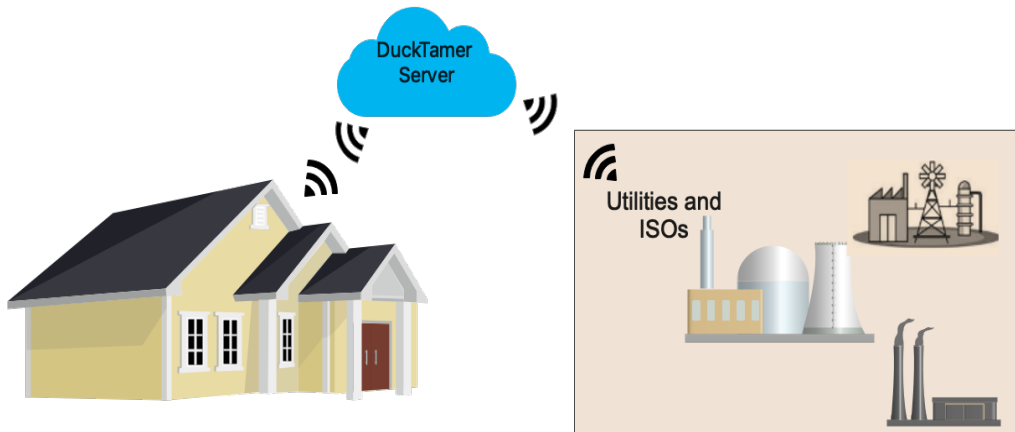


The DuckTamer – IoT Solution for Demand Response



The Duck Curve Challenge

- Infusion of solar into the grid making the duck curve deeper.
- Utilities are stressed to ramp up power from late afternoon to evening to meet the demand, this restrains transitions to solar.
- Demand Response (DR) is one way to solve, but require customers to power off appliances to reduce peak demand, causing inconvenience and discomfort to the consumers, particularly refrigerator that must be on 24x7.
- Residential DR have not been very popular for this reason.



The DuckTamer Solutions Advantages

- **For the Utilities:** Significantly improves participation in DR.
- **For Solar Industry:** Enables more penetration of solar into the grid.
- **For the Consumers:** Makes participation in DR events painless and effortless. Protects the refrigerator from brownouts and blackouts, and keeps the while keeping the stored food and medicine safe.