ASSESSING EXISTING CONDITIONS BASELINE AND OPERATIONAL EFFICIENCY

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ASSESSING THE “STRANDED POTENTIAL” EQUIPMENT

- Develop a methodology to forecast how customers make repair vs. replace decisions
- Identify the subset of measures that are “repairable”
- Collect as much reliable **existing data** (both primary and secondary) to inform:
  - Existing condition baseline
  - Repair data (cost and lifetime)
- Recognize that there will be data gaps that require assumptions
- Update existing CPUC Potential and Goals model with methodology and measure data
- Results from this analysis will be considered ***preliminary estimates***

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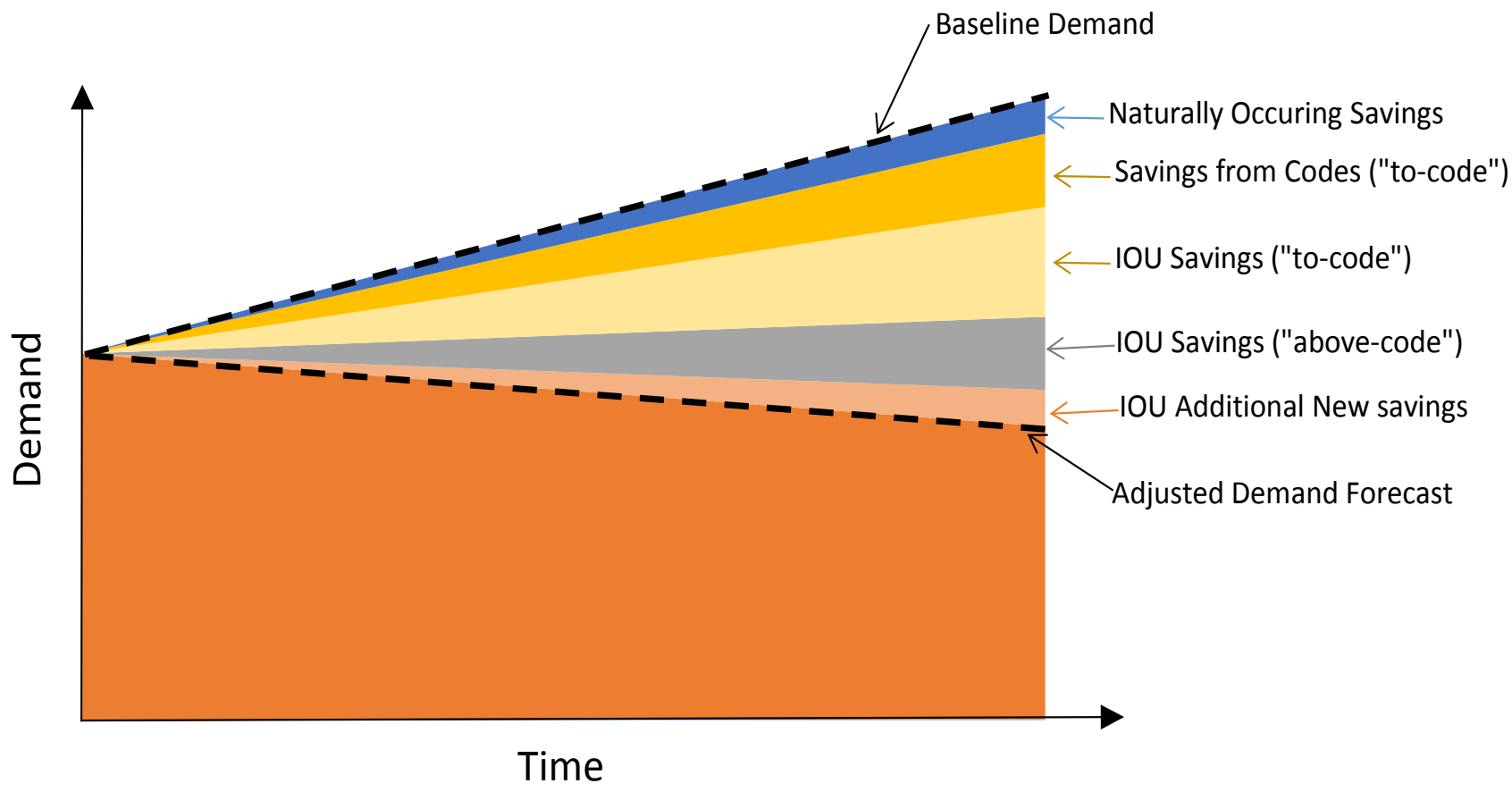
IOU CLAIMABLE SAVINGS VS. DEMAND FORECAST SAVINGS



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MARKET AVERAGE EXISTING BASELINE FOR EQUIPMENT

- In the real world:
  - Each customer has a different existing condition of equipment
  - Each customer has different energy savings
- For planning purposes:
  - Existing conditions baseline must be defined as an average for the market
  - Need a single energy savings value for each measure
- Similar to a “deemed savings” approach for planning purposes

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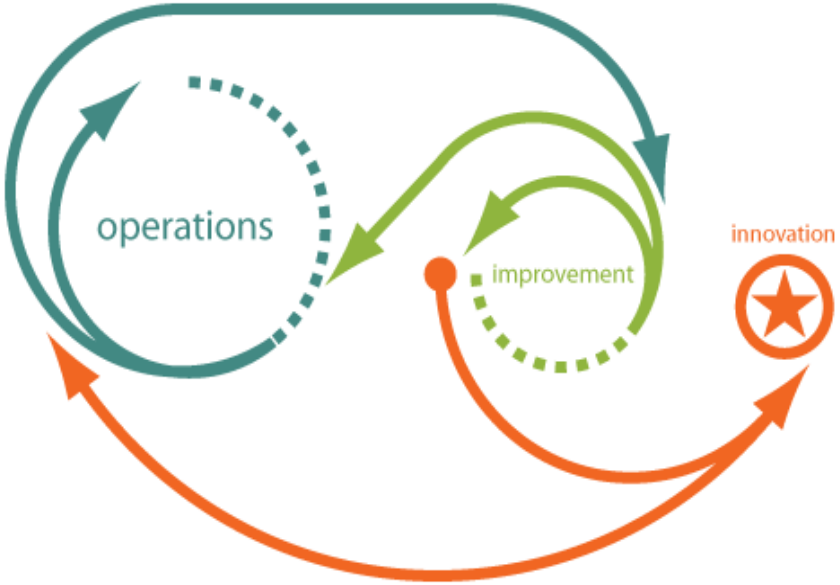
DEFINING OPERATIONAL EFFICIENCY

Operational efficiency (OE) is a **system or building approach** to energy savings, not necessarily at an individual measure level. Includes:

- Type 1 – Operator Behavior
- Type 2 – Autonomous Machine Control
- Type 3 – Building Tenant Engagement



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