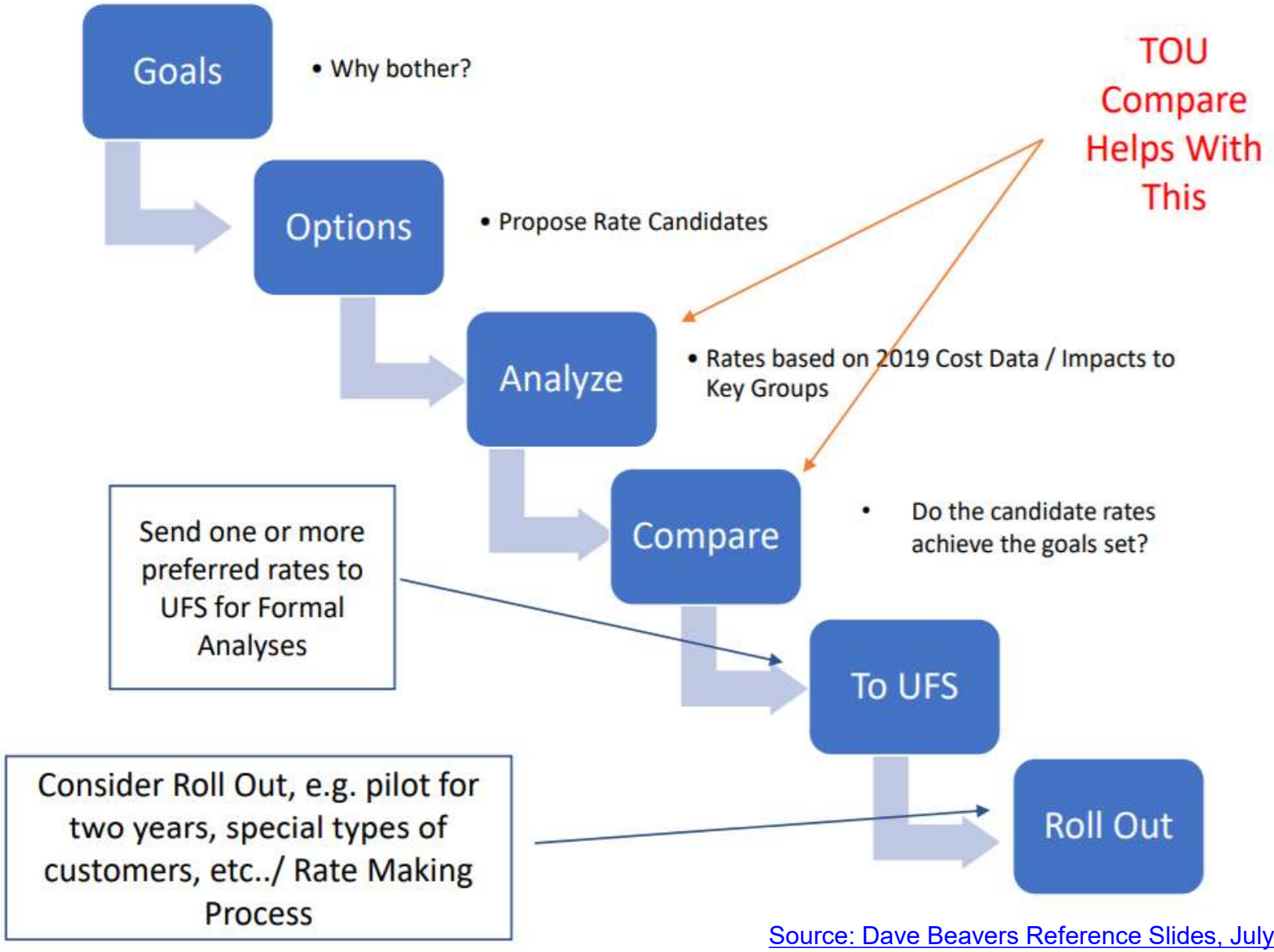
Suggested Process & UFS Role (Mar 2020)



Source: Dave Beavers Reference Slides, July 2020

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Time of Use Goals

From January '20 Beavers Memo:

1) Align customer savings with savings for BL
2) Support strategic electrification
3) Protect low-income customers
4) Support energy efficiency & solar
5) Ensure BL revenue sufficiency & stability
6) Provide for easy implementation

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Customer Impact Scenarios

- All Residential Customers
- Rate LI
- Top 10% Highest Consumers
- Top 25% Highest Consumers
- Customers with Heat Pumps
- Customers with EVs
- Customers with Solar
- Customers with EV and Solar
- Randomized Sample of 50 Residential Users
- Pending:
  - Bottom 10% Users
  - Bottom 25% Users
  - Customers with EV/HP
  - Randomized Sample of 200

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Current Rate Proposals

- UFS:

Scenario #	Scenario Description	Customer Charge (per Month)	Off Peak Rate (per kWh)	On Peak Rate (per kWh)	Critical Peak Rate (per kWh)	Demand Rate (per kW)
1	On Peak, Weekdays 12 PM-9 PM	$ 15.00	$ 0.13398	$ 0.32031	-	-
2	On Peak, Weekdays 12 PM-9 PM with $0.50/kW demand	$ 15.00	$ 0.13019	$ 0.31653	-	$ 0.50000
3	Critical Peak 2 PM-7 PM; On Peak 12 PM - 2 PM & 7 PM-9 PM Weekdays	$ 15.00	$ 0.13443	$ 0.24326	$ 0.38198	-
4	Critical Peak 2 PM-7 PM; On Peak 12 PM - 2 PM & 7 PM-9 PM Weekdays with $0.50/kW demand	$ 15.00	$ 0.13064	$ 0.23948	$ 0.37819	$ 0.50000

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Other Rate Examples

- LBAC/BL Impact Model Exercise:

12-Hour Peaker	Peak: All Year (10 AM – 10 PM) , Weekends Excluded	Peak: $0.213 (23%) Off Peak: $0.122 (-30%)
Summer Peaker	Peak: June – Sept only (1 – 7 PM), Weekends Included	Peak: $0.472 (172%) Off Peak: $0.137 (-21%)
Clean Peak Standard	Peak: Fall & Winter (4 – 8 PM), Spring (5 – 9 PM), Summer (3 – 7 PM), Weekends Excluded	Peak: (Winter: $0.230, Spring: $0.235, Summer: $0.647, Fall: $0.162) Off Peak: (Winter: $0.125, Spring: $0.122, Summer: $0.118, Fall: $0.136)

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Other Rate Examples

- Epstein Analysis
- Fort Collins/SMUD models..?
- UFS proposal with seasonality

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Outstanding Questions

- Opt-in or Opt-Out Model? Mandatory vs Voluntary? → informed by long-term objectives
- Do we pilot with a small group? Who and how long?
- Modeling assumptions for elasticity
- What are **acceptable** customer impacts? What impacts would be immediately **intolerable**?
- What type of on-peak/off-peak differential will be both palatable for customers and effective at driving change?
- Can we consider TOU for commercial customers interested in electrification?
- Do we want to develop specific goals for peak reduction? Overall kWh savings?

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Potential Next Steps

- Review of DB model and results
- Additional rate scenarios for UFS
- Presentation by UFS to LBAC
- Strategic Plan to MLB (draft report sent 7/13/20) → do our TOU efforts coalesce?