

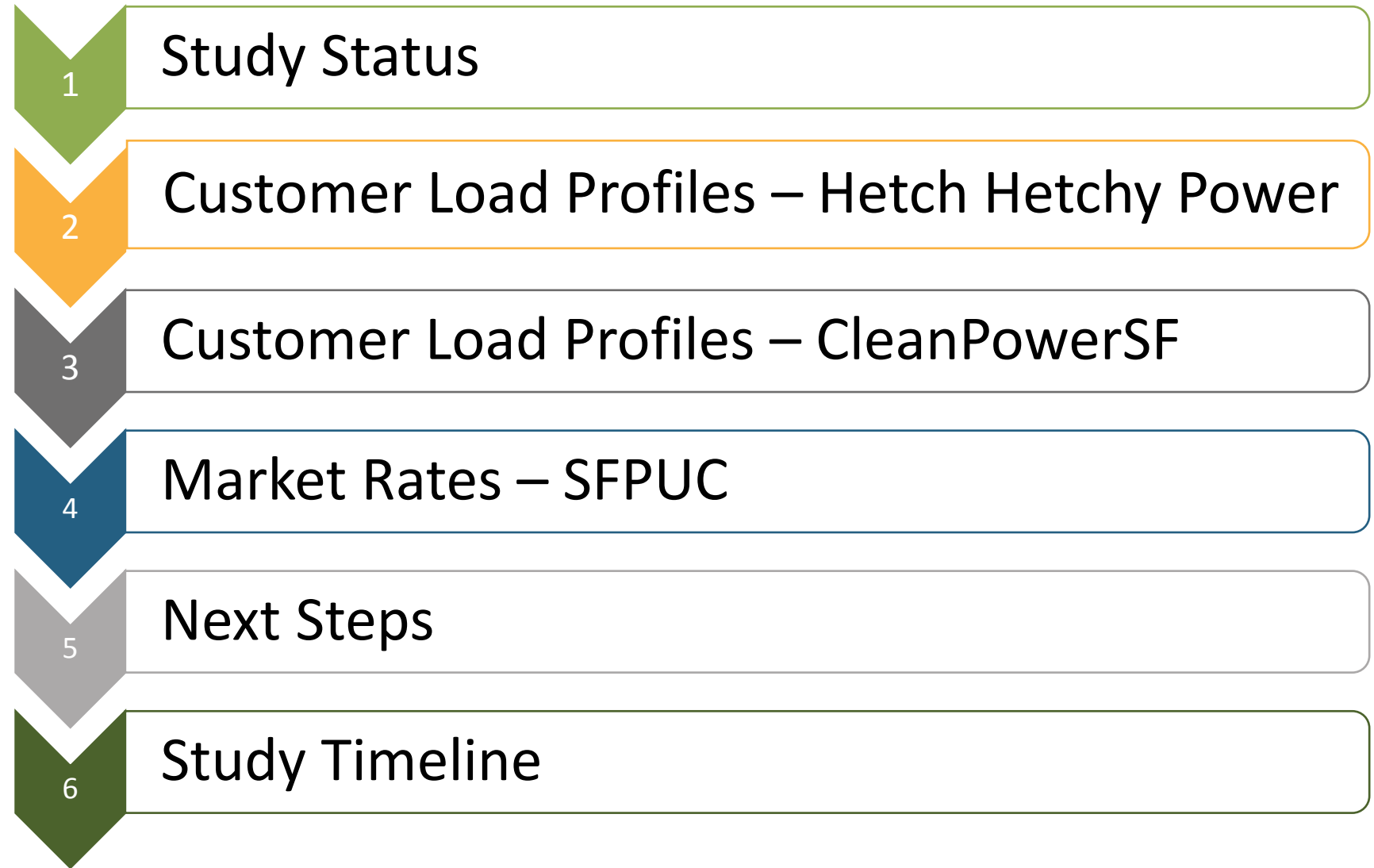


September 24, 2021 | San Francisco Public Utilities Commission

RATE FAIRNESS BOARD MEETING

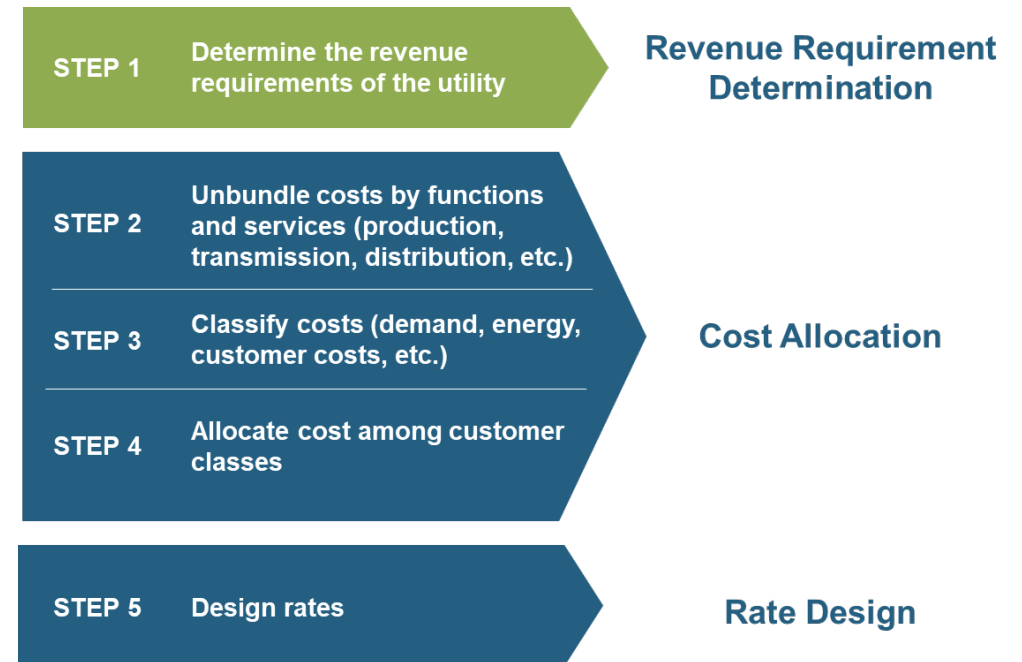


AGENDA



STUDY STATUS – ONGOING ANALYSIS

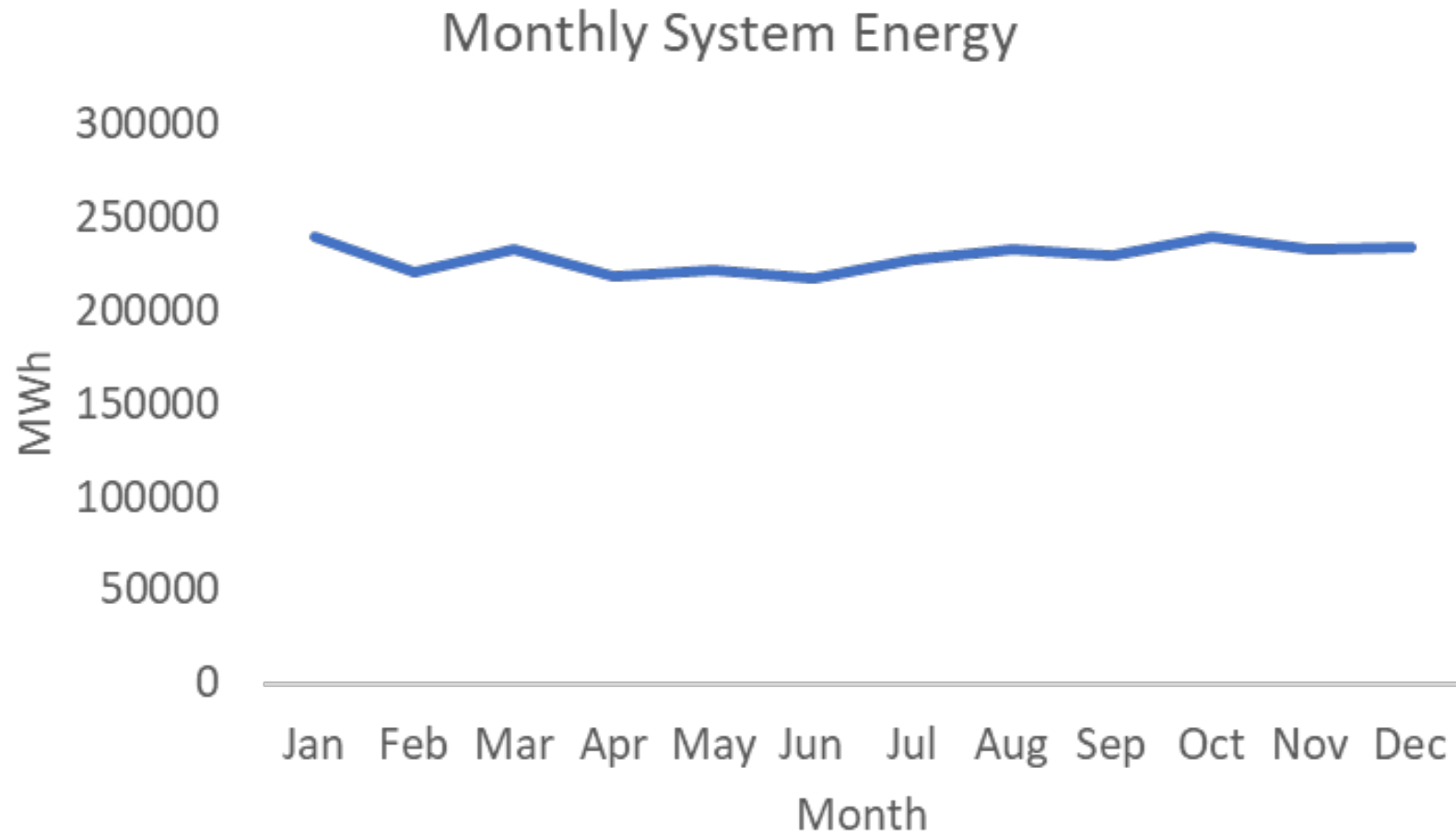
- Revenue Requirement (Cash Basis)
 - Operations and Maintenance (O&M) Expenses
 - Programmatic Expenses
 - Debt Service
 - Developing debt module
 - Non-Debt Capital
 - Less Other Revenues
- Billing determinants
 - Customers by class
 - Peak demand
 - Energy usage
- Line extension workshop 8/27/21



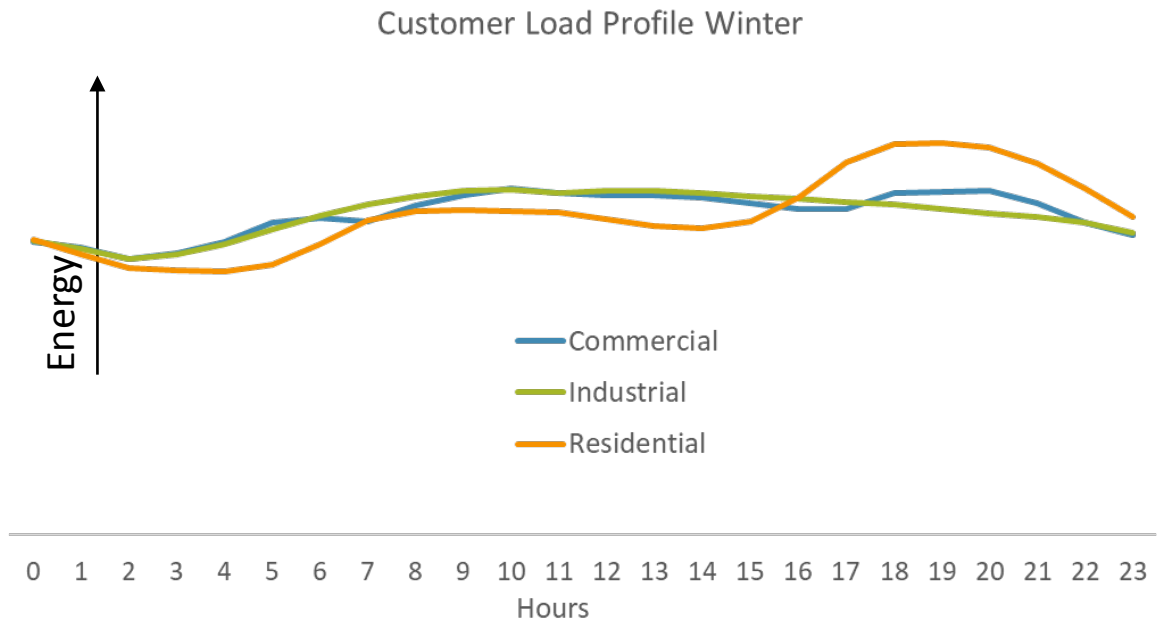
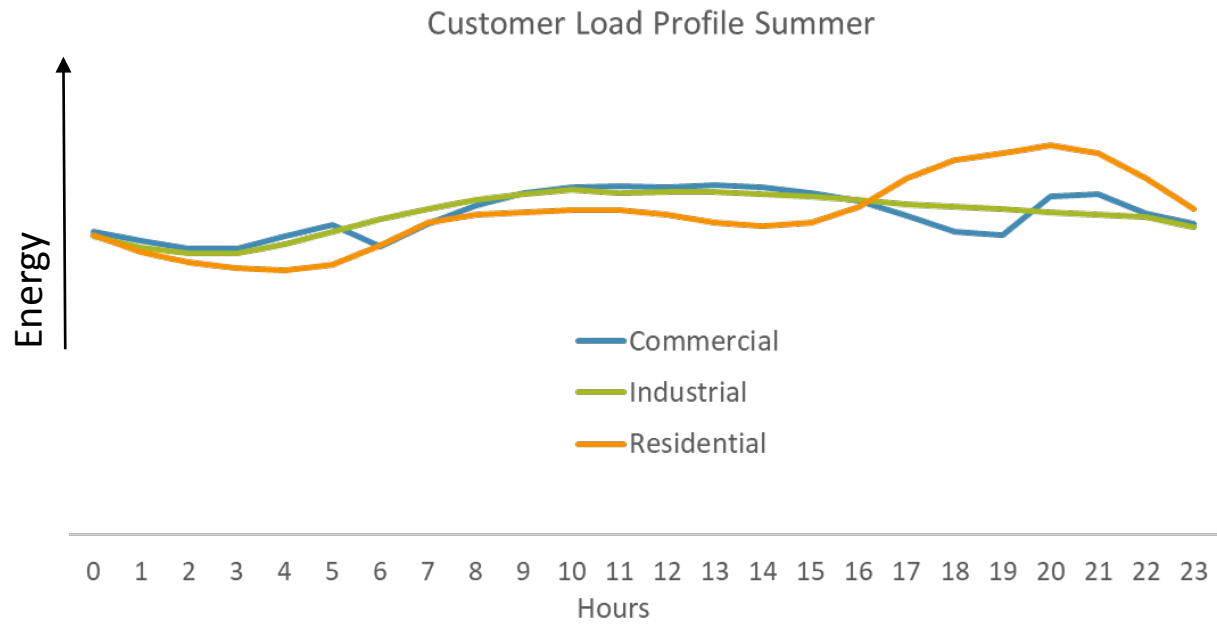
CUSTOMER BY TYPE AND SALES

Customer Class	Customer Distribution	Sales Distribution
<u>Hetch Hetchy Power</u>		
Residential	27%	1%
Commercial	72%	30%
Industrial	1%	69%
<u>CleanPowerSF</u>		
Residential	92.6%	48.7%
Commercial	7.3%	47.6%
Industrial	< 0.1%	3.7%

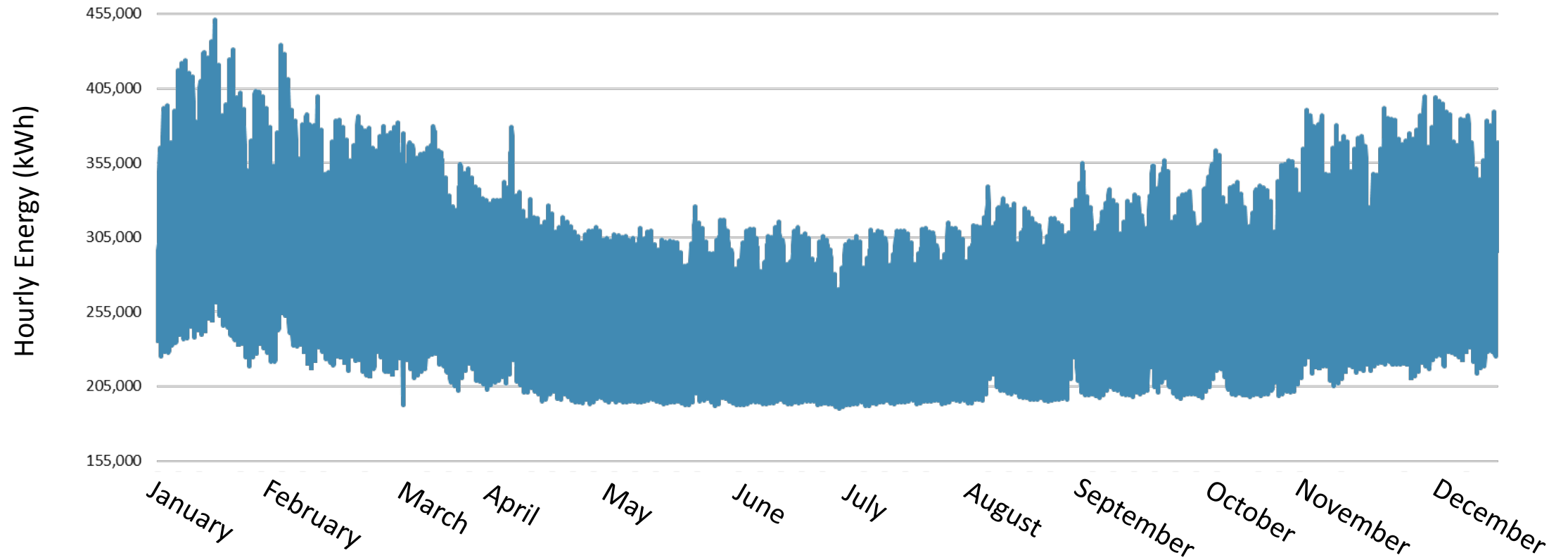
SYSTEM LOAD PROFILES – HETCH HETCHY POWER



CUSTOMER LOAD PROFILES – HETCH HETCHY POWER

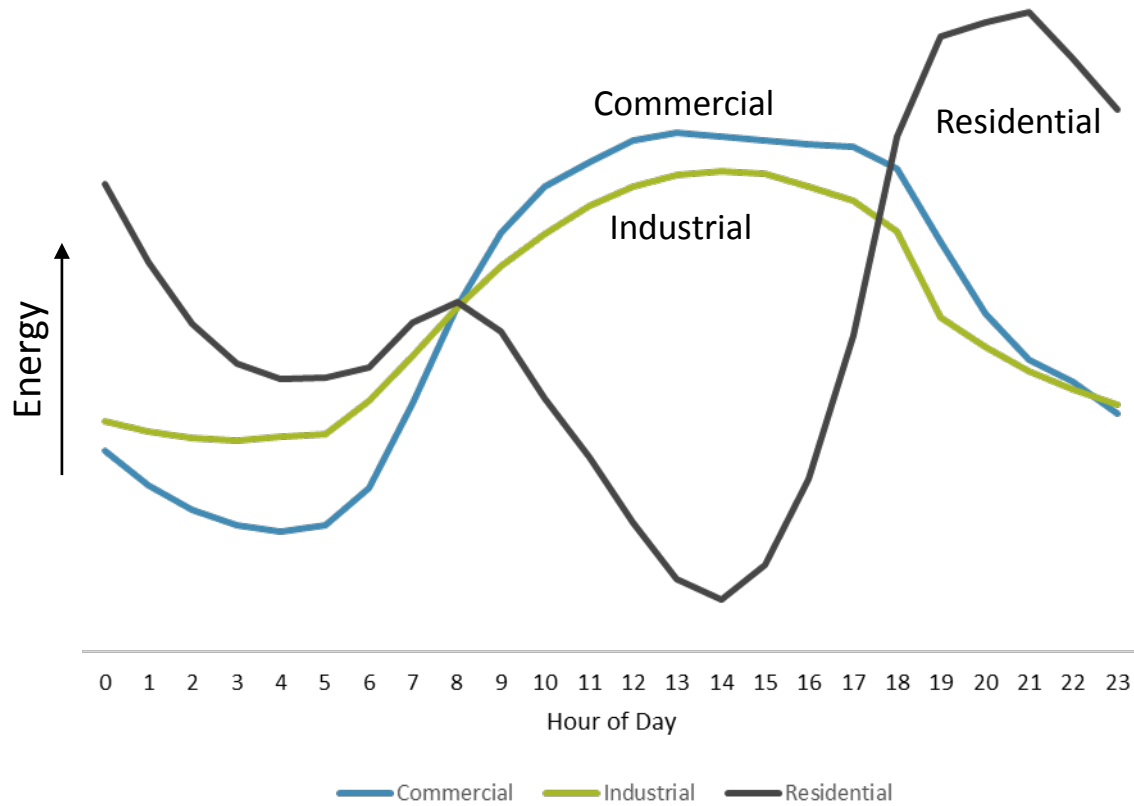


SYSTEM LOAD PROFILE – CLEANPOWERSF

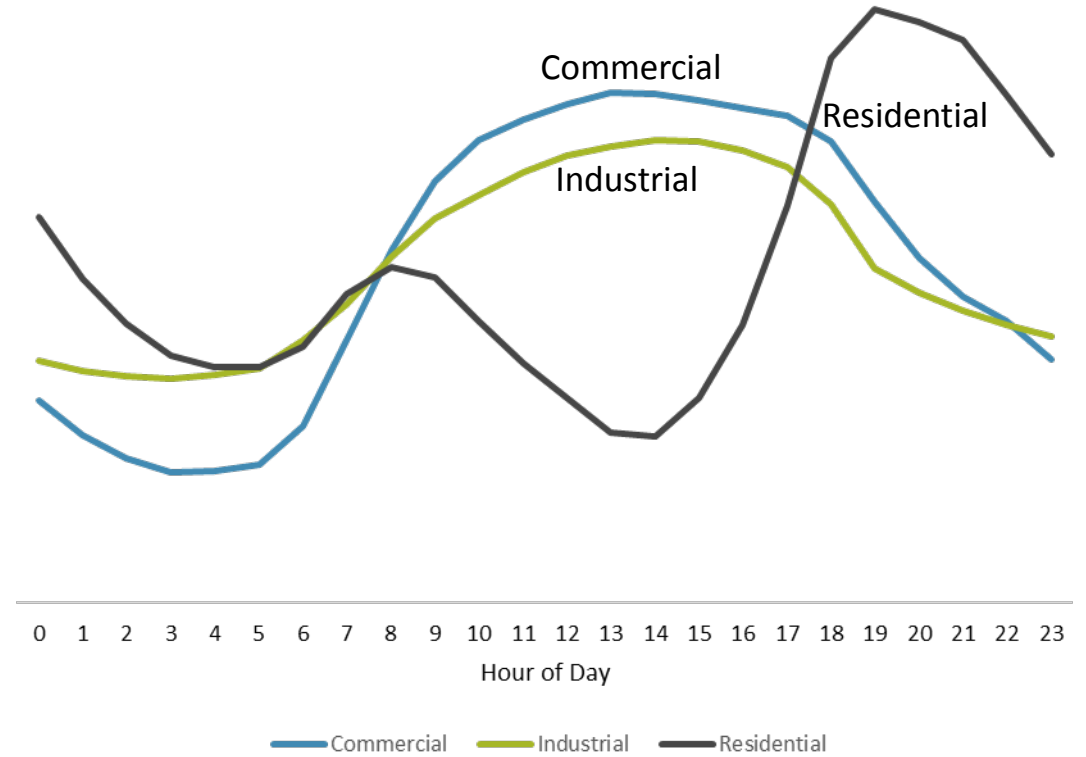


CUSTOMER LOAD PROFILES – CLEANPOWERSF

Summer Class Daily Load Profiles

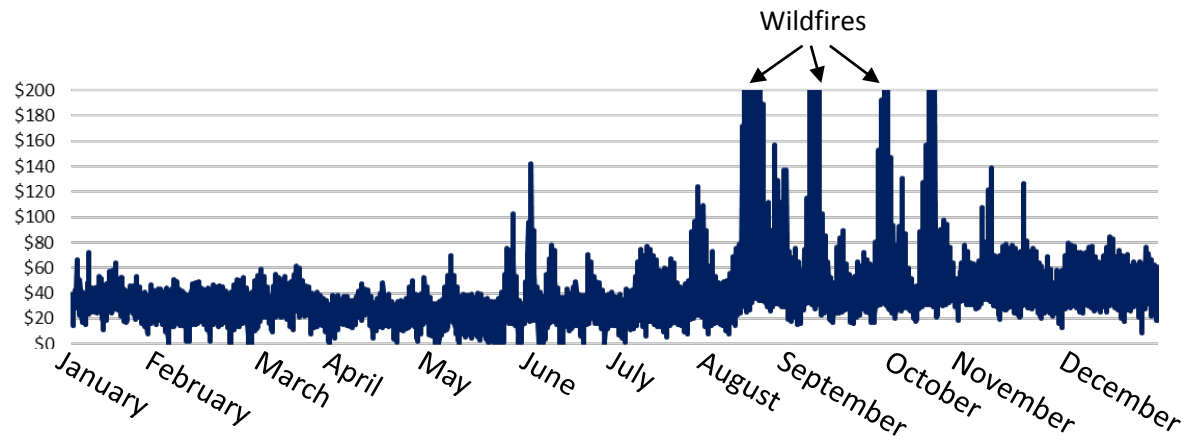


Winter Class Daily Load Profiles

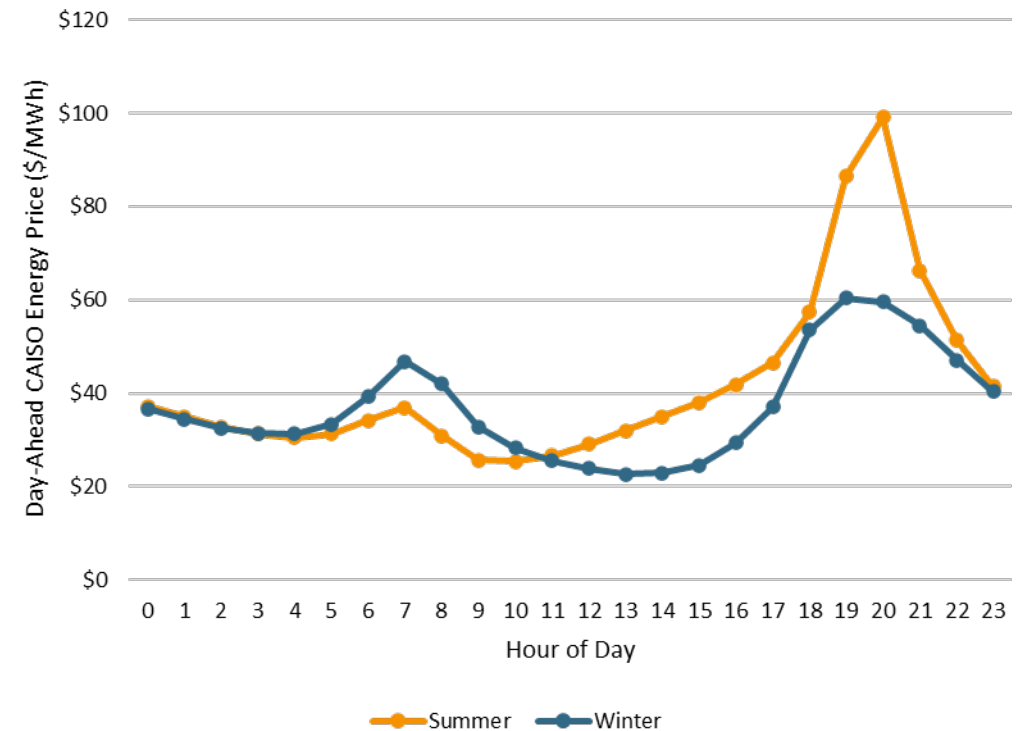


MARKET PRICING FOR CAISO DAY-AHEAD (\$/MWH)

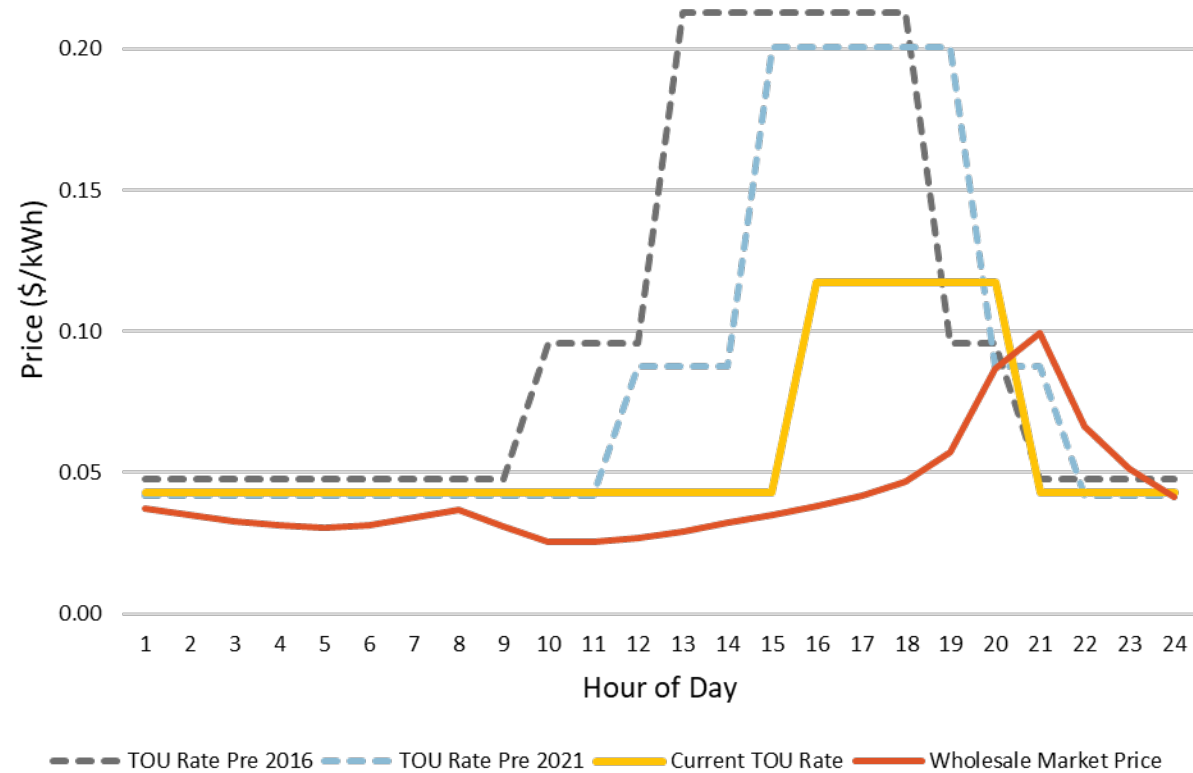
Energy Prices for Calendar Year 2019



Average Energy Prices by Hour from 2018–2020



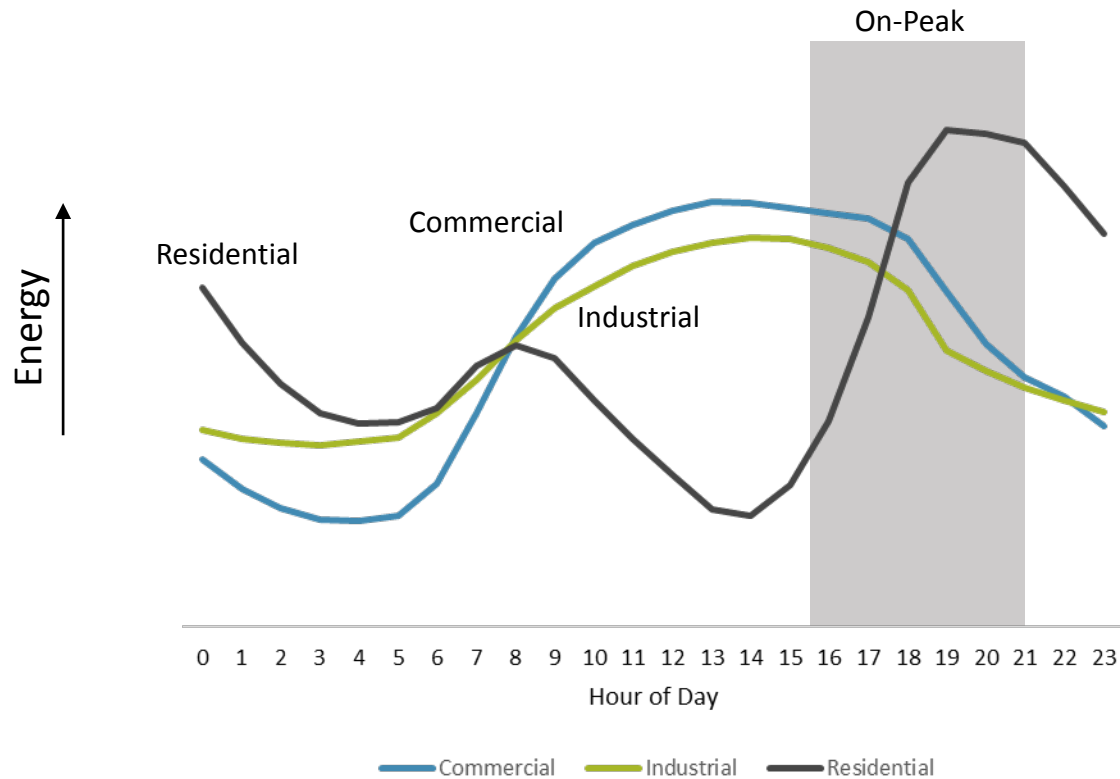
PG&E TIME OF USE EVOLUTION



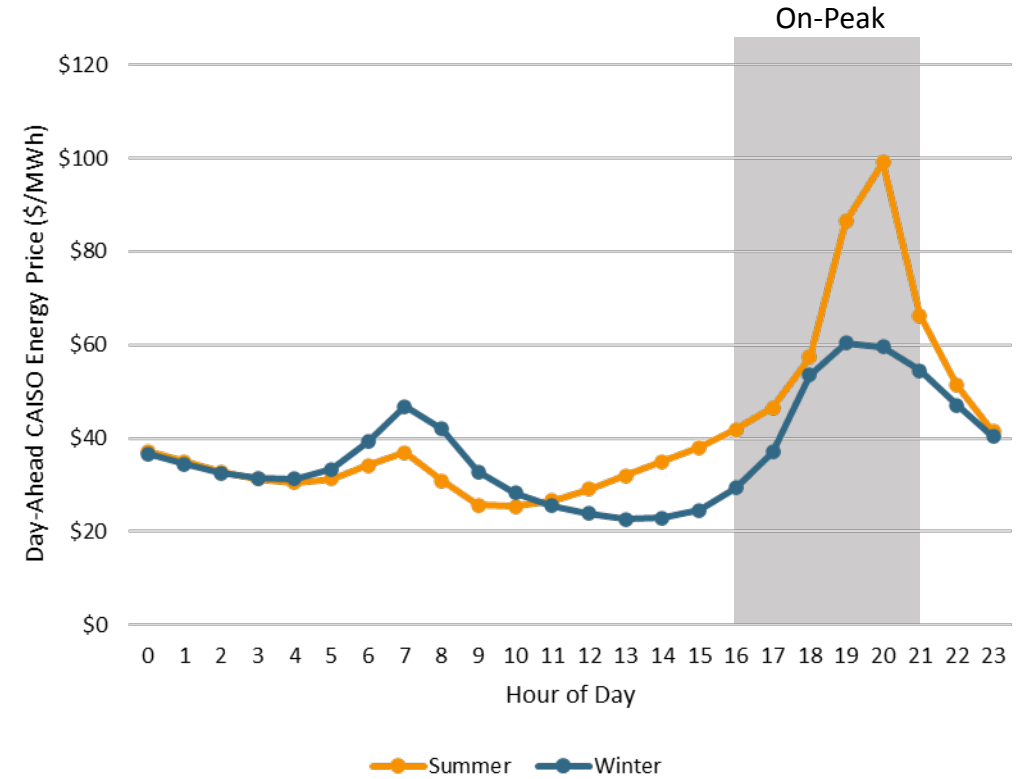
LOAD SHAPES DRIVING MARKET PRICES

PG&E's Current On-Peak Period Definition

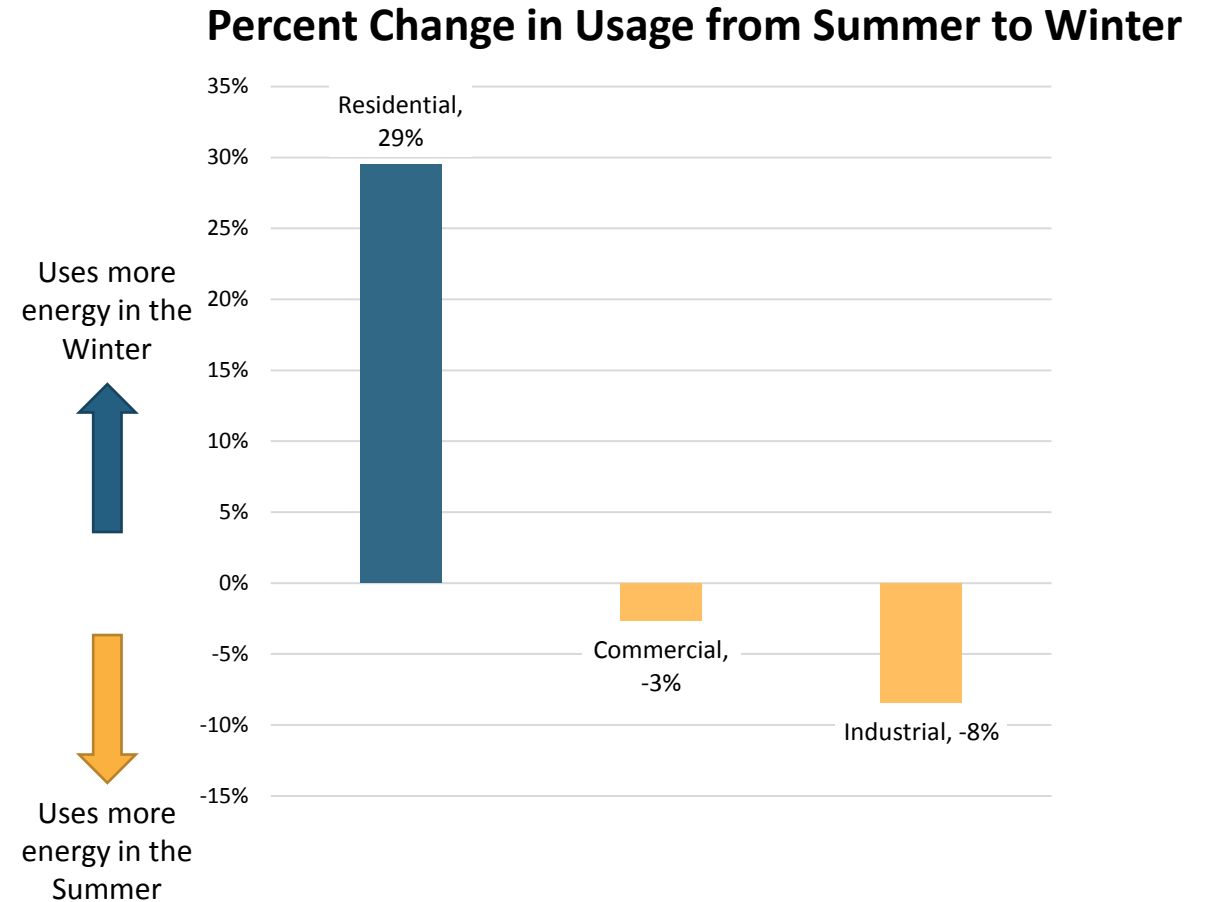
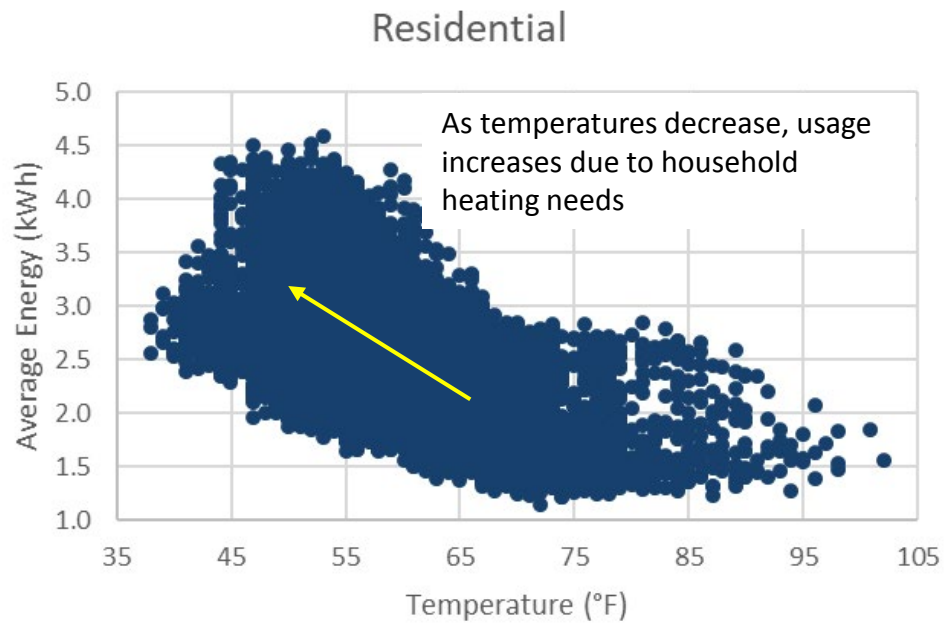
Representative Class Daily Load Shapes



Average Energy Prices by Hour from 2018–2020

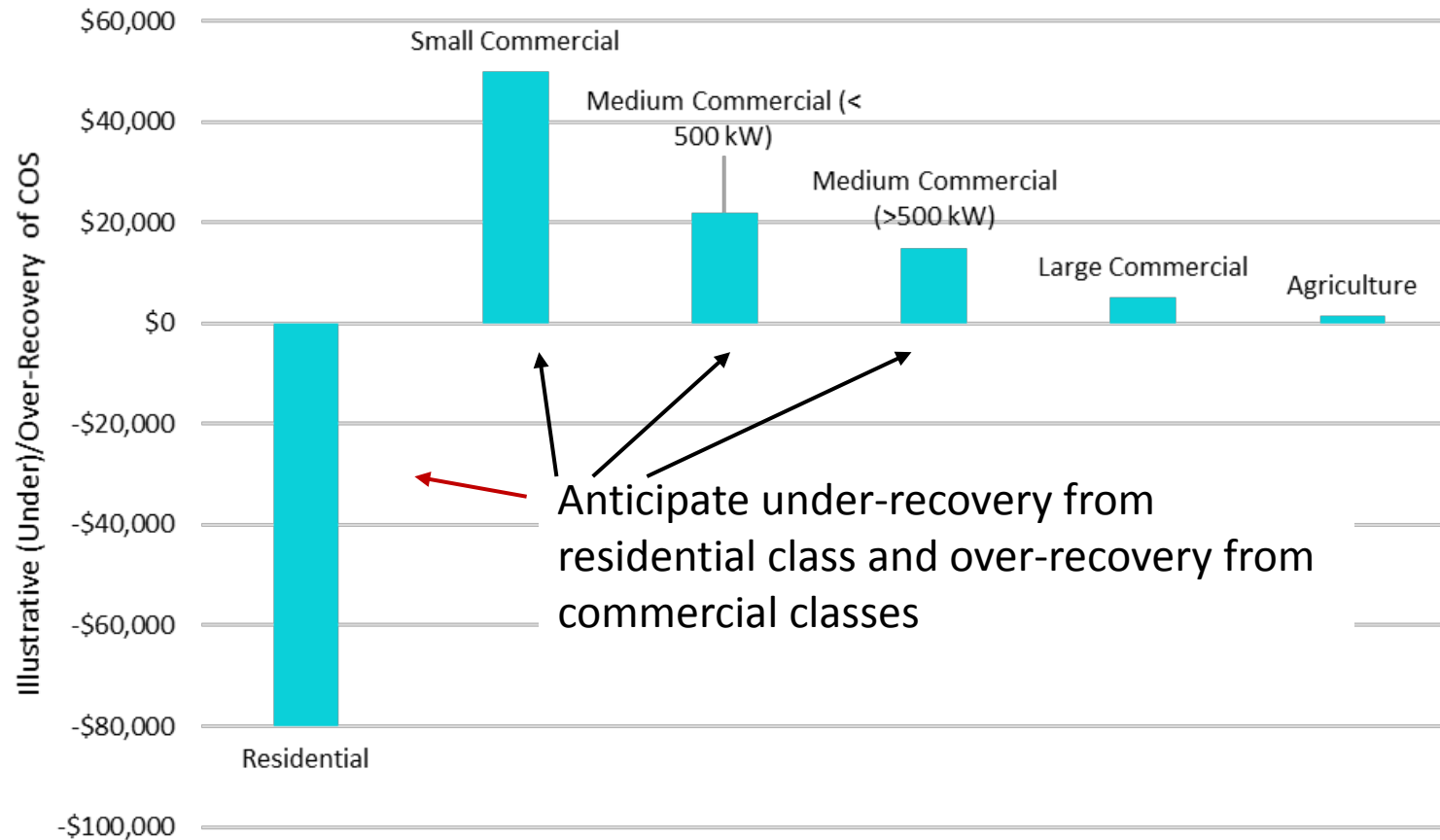


CORRELATION BETWEEN SEASONAL MARKET PRICES AND SEASONAL USAGE FOR CLEANPOWERSF



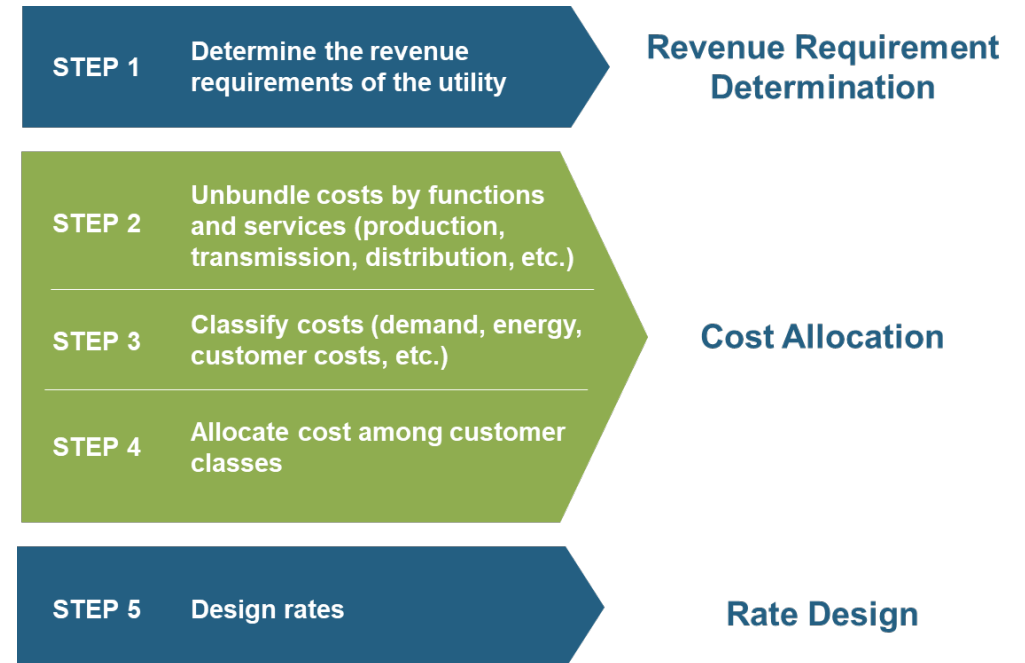
ILLUSTRATIVE COS RESULTS

(Under)/Over-Recovery of Cost of Service at Current Rates



STUDY STATUS – NEXT STEPS

- Finalize Revenue Requirement
 - Milestone: September 30
- Cost Allocation/Cost of Service
 - Milestone: October 22
- Base Rate Design
 - Finalize Rate Structures: December 1
 - Draft Rate Design: January 21
- Rate Fairness Board
 - September 24
 - October 22
 - December (TBD)



POWER RATE STUDY TIMELINE

