

# San Jose's Progress Toward a 1GW Solar City



# BACKGROUND

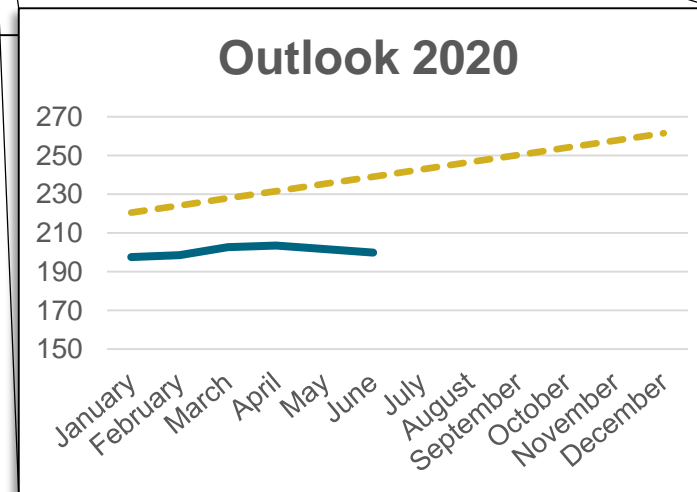
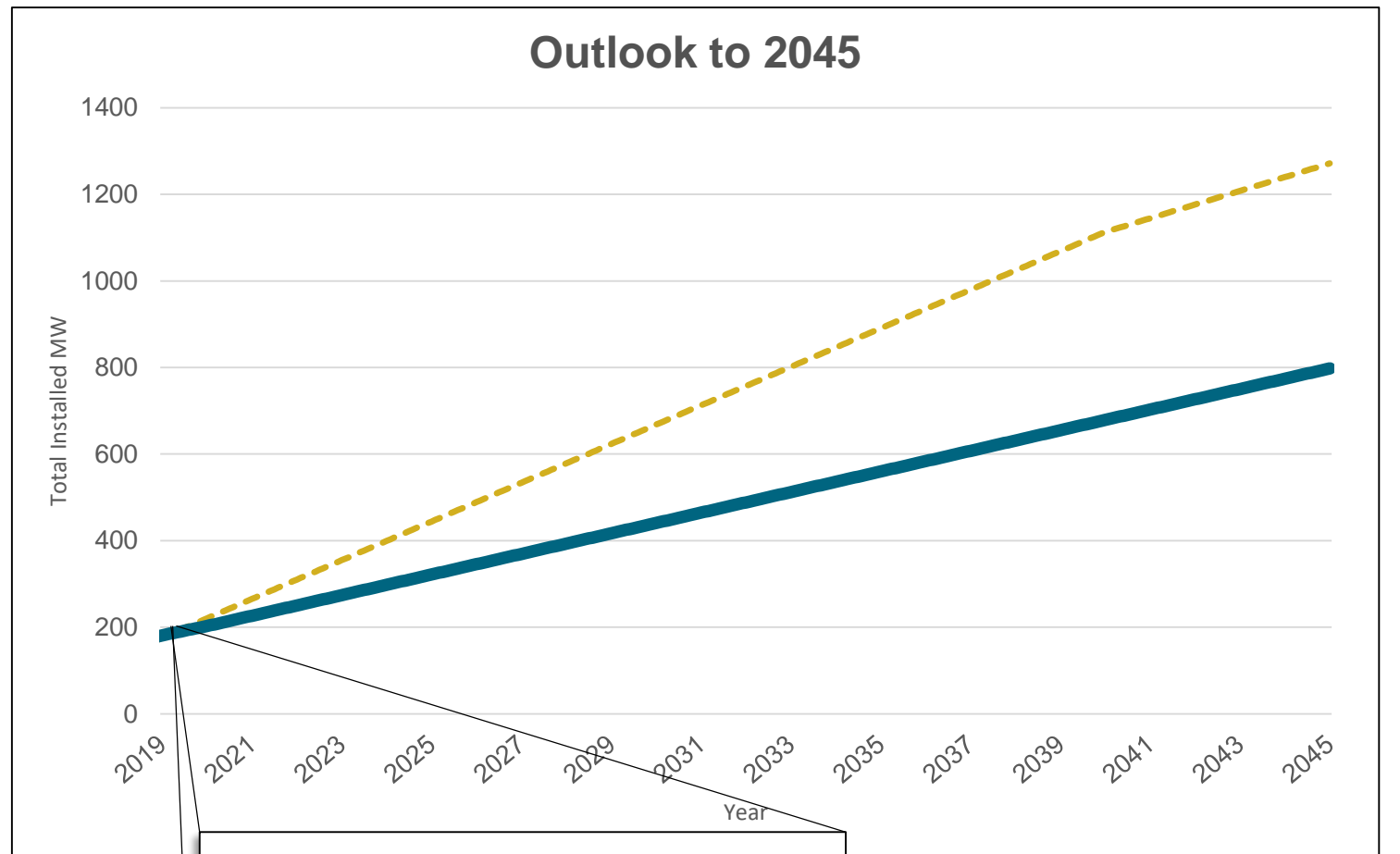
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- Climate Smart San Jose
  - Adopted by City Council in 2018
  - Carbon reduction through:
    - Increasingly renewable SJCE mix
    - **local renewable capacity.**
- 1 GW of installed local solar by 2040
- Title 24 Part 6 – Solar Mandate
  - Residential in 2020
  - Commercial in 2030



# PROGRESS

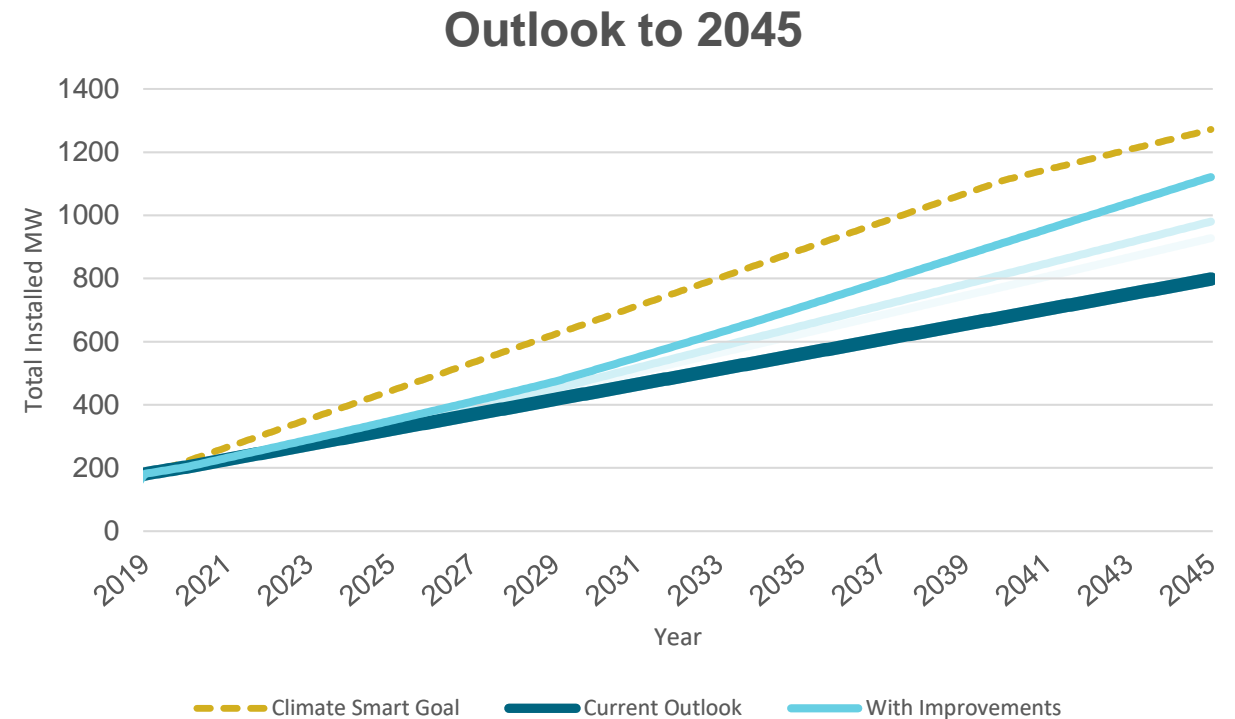
- 1GW Goal:
  - 1 MW = ~200 Households
  - BAU: 2054
    - 26,000 NEM Customers
      - ~7.5% of SJCE customers
    - ~24 MW annual growth
  - Climate Smart: 2038
    - Need 44.5MW annual growth



--- Climate Smart  
— Current Trends  
1 MW = ~200 Households

# GETTING BACK ON TRACK

- Keeping up with Climate Smart SJ requires, at least, an additional 15MW of Solar/year.
  - Title 24: (1GW reached in 2048)
    - +2MW from Residential/yr.
    - +3.5MW from Commercial/yr.
  - Incentives for Larger Systems: (2046)
    - +1MW from Residential/yr.
    - +2MW from Commercial/yr.
  - ZNE Electric Transportation: (2042)
    - +1-8MW from Residential/yr.



# PROGRAMS IN NEIGHBORING CCA'S

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- Feed In-Tariffs

- Sonoma Clean Power
  - ProFIT - \$95/MWh
  - 20 year contracts for small, local solar and wind (<1MW)
- Marin Clean Energy
  - FIT – for <1MW
  - FIT Plus – for 1-5MW
  - 20 year term

- Resiliency Incentives

- East Bay Community Power - Resilient Home Program
  - Partnership with Sunrun
  - Free quotes and pricing for solar+battery systems
  - Aims to deploy 5MW of storage in 6 months.