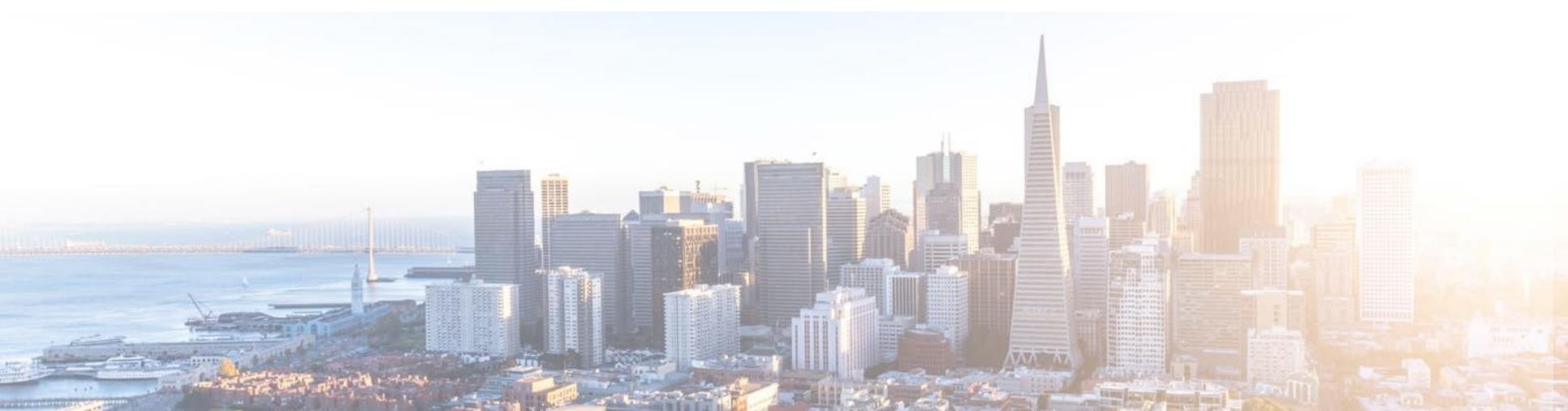


Residential Building Decarbonization Land Use and Transportation Committee

July 26, 2021

**Catherine Spaulding
Deputy Assistant General Manager, Power Enterprise
San Francisco Public Utilities Commission**





Our Two Clean Energy Programs

Hetch Hetchy
POWER

Full service, publicly-owned electric utility providing clean power for over 100 years.

CleanPowerSF

Community choice aggregation (CCA) program launched in 2016. Energy supply delivered via PG&E poles and wires.

Together they provide more than 70% of the electricity consumed in San Francisco



Power Supply, Planning, and Grid

SFPUC will provide 100% renewable electricity by 2025

- Hetch Hetchy Power: already 100% renewable
- CleanPowerSF: 100% renewable by 2025

SFPUC will meet growth in electricity demand to support building decarbonization

Will the power grid meet demand for residential decarbonization?

- PG&E control of grid = wildcard. Expect delays and costs
- Distribution electrical rates will likely increase
- Additional electrical upgrade costs possible for building owners



Decarbonization Projects and Programs

- Building Decarbonization Pilot Projects (municipal buildings, nonresidential)
- Heat Pump Water Heater Incentives
- Affordable Housing/Multifamily Market Rate Housing Program (in development)
- Energy Efficiency Programs





Conclusion

SFPUC is committed to decarbonization goals;

Prepared to support building electrification
with 100% clean energy;

And implementing and expanding pilot programs,
incentives, and rebate programs for our customers.

