

# Exhibit to Agenda Item #1

Provide the Board internal and external presentations on:

- a. SMUD's new construction electrification programs and available incentives; and
- b. **Braden (formerly Cordova Hills)**, including plans for electric residential construction, rooftop solar, widely deployed electric vehicle infrastructure, and access to alternative modes of transportation.

Board Finance & Audit Committee and Special SMUD Board of Directors Meeting

Tuesday, August 13, 2024, scheduled to begin at 6:00 p.m.

SMUD Headquarters Building, Auditorium

# Residential (Smart Homes) Incentives

**Table 1 – Single Family, All-Electric Incentives**

<b>Incentives</b>				
Base Incentive for All-Electric Home – requires heat pump water and space heating, induction cooktop/stove, and eligible smart thermostat				
<u>Per unit Base incentive:</u>	<u>2024</u>	<u>2025</u>	<u>2026</u>	<u>2027</u>
Market Rate	\$3,000	\$3,000	\$2,500	\$2,500
25% Bonus for Projects that meet Affordable Housing criteria	\$3,750	\$3,750	\$3,125	\$3,125
Market Rate in DAC/HTR	\$3,500	\$3,500	\$3,000	\$3,000

**Table 2 – ADU\* and Multifamily, All-Electric Units**

<b>Incentives</b>				
Base Incentive for All-Electric Home – requires heat pump water and space heating, induction cooktop/stove, and eligible smart thermostat				
<u>Per unit Base incentive:</u>	<u>2024</u>	<u>2025</u>	<u>2026</u>	<u>2027</u>
Market Rate	\$1,600	\$1,600	\$1,400	\$1,400
25% Bonus for Projects that meet Affordable Housing criteria	\$2,000	\$2,000	\$1,750	\$1,750
Market Rate in DAC/HTR	\$1,950	\$1,950	\$1,750	\$1,750

\*Accessory Dwelling Unit

**Table 3 – Manufactured Housing, All-Electric Units**

<b>Incentives</b>				
Base Incentive for All-Electric Home – requires heat pump water and space heating, induction cooktop/stove, and eligible smart thermostat				
<u>Per unit Base incentive:</u>	<u>2024</u>	<u>2025</u>	<u>2026</u>	<u>2027</u>
Market Rate	\$5,500	\$5,500	\$5,000	\$5,000
25% Bonus for Projects that meet Affordable Housing criteria	\$6,875	\$6,875	\$6,250	\$6,250
Market Rate in DAC/HTR	\$6,000	\$6,000	\$5,500	\$5,500



Heat pump HVAC system – Required



Heat pump water heater – Required



Thermostatic mixing valve – Required



Heat pump clothes dryer – Optional



Induction cooking – Required



SF charging ready – Required. MF incentives available beyond code



Rooftop PV – Required OR Community Solar via SMUD’s Neighborhood SolarShares option

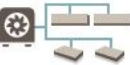










Battery storage ready – Required

**Builders agree to segregate circuits by the following types:**

- **Lighting** including exterior lighting
- HVAC systems and components
- Domestic and **service** water systems
- **Plug load** including appliances rated less than 25 kVA.
- Charging stations for electric vehicles

# Commercial (Integrated Design Solutions) Incentives

Electrification incentives for heat pumps and commercial kitchens	Complete Energy Solutions, Custom Retrofit, and Integrated Design Solutions
 <p>Single-zone and multi-zone inverter driven heat pumps (mini split)</p>	<p>&lt;=3 tons \$2,000 per ton</p>
 <p>Packaged &amp; split-system heat pumps Commercial systems</p>	<p>&gt;3 tons \$1,500 per ton</p>
 <p>Variable Refrigerant Flow (VRF) Heat pumps or heat pumps with heat recovery.</p>	<p>\$3,000 per ton or a custom calculated incentive</p>
 <p>Built-up heat pump systems or heat recovery chillers</p>	<p>\$4,500 per unit</p>
 <p>Residential-style heat pump water heater</p>	<p>\$7,000 per unit</p>
 <p>Commercial-style heat pump water heater</p>	<p>\$5,000 per unit</p>
 <p>Split-system heat pump water heater</p>	<p>\$3,000 per ton or a custom calculated incentive</p>
 <p>Built-up heat pumps for domestic hot water</p>	<p>\$800 + \$1,000 per hob per unit</p>
 <p>Commercial induction range</p>	

- Provides early design assistance for commercial new construction projects
- Offers both electrification and energy efficiency incentives
- Projects are typically unique given the diversity in commercial projects
- Incentive caps (per permitted project):
  - Electrification up to \$300,000
  - Energy Efficiency up to \$100,000