



Energy & Environment Committee
9/8/23

LADWP Programs

- Financial Assistance
- Include cooling apparatus measure

Helping Income Qualified Angelenos

Financial Assistance

- EZ Save
- Sr Citizen/Lifeline
- Life-Support Equipment
- Physical Certified Allowance
- Level Pay

Programs With Cooling Apparatus



COOL LA Initiative

~7,100 in air conditioner rebates since the launch of the program in September 2022



CAMR, Multi-HEIP, and HEIP

9,477 units in the pipeline for CAMR.
~19,000 installations for HEIP

Consumer Rebate Program



CRP

599 HVAC units
78 Heat Pumps units since July 2020

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www.ladwp.com/save

Analysis Summary

Grid Impacts & Associated Costs

Analysis Assumptions

- Approximate number of LADWP residential customers who **rent and do not have air conditioning (AC)** are estimated to be 191k

Income Qualified Renters	Non-Income Qualified Renters
30 - 147k	44 - 161k

- The reason for the large range is due to disparity between the major data sources utilized in the analysis:
 - LADWP discount rate participants
 - CEC Residential Appliance Saturation Survey (RASS)

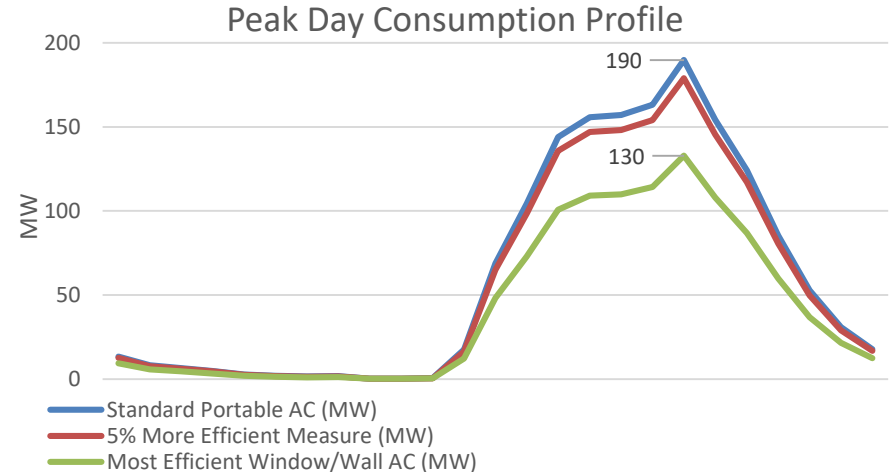
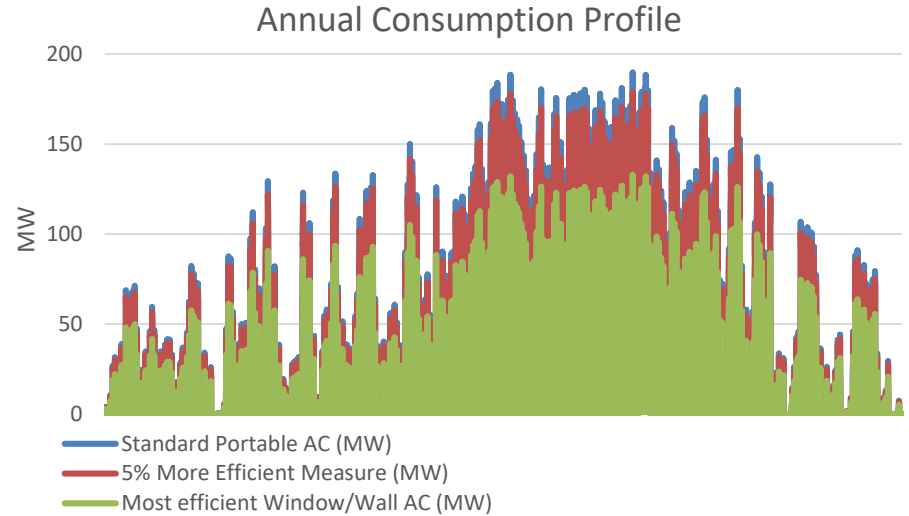
- The definition for **“Cooling Apparatus”** was assumed to be an air conditioning equipment.
- A **standard efficiency portable AC unit** was assumed to be the least expensive option with an **average price of \$330**
- A **window/wall AC unit** was assumed to a more expensive option with a higher efficiency and an **average price of \$700**

- LADWP Incentives are at the same level as Cool LA:

Income Qualified	Non-Income Qualified Renters
\$225/unit	\$75/unit

Grid Impacts

- **190 MW** of peak demand increase if all LADWP residential customers who rent and do not have AC install a **standard efficiency portable AC unit** (baseline)
- **130 MW** of peak demand increase if all LADWP residential customers who rent and do not have AC install a **higher efficiency window/wall AC unit** (most efficiency measure)



Customer Cost Impacts

- Customer lifecycle cost impacts include labor, material, and utility costs during an assumed 9 year product useful life
 - **Standard efficiency portable AC unit** customer costs:

Average Annual	Lifecycle
\$300	\$2,700

- **Window/wall AC unit** customer costs:

Average Annual	Lifecycle
\$270	\$2,400

Utility Cost Impacts

- The cost for LADWP to provide incentives at the same level as Cool LA to all LADWP residential customers who rent and do not have AC would range between **\$32.5 and \$62.7 Million**.
 - Includes incentive and overhead costs
 - Not inclusive of potential costs to upgrade the grid to meet the demand increase.
 - This requires further investigation & analysis.

Questions

Financial Assistance

Discounted Rates	Benefit	
EZ-SAVE Program	Bi-Monthly Electric Discount	\$16.34
	Bi-Monthly Water Credit	\$10 - \$20
Senior Citizen / Disability Lifeline Rate	Bi-Monthly Electric Discount	\$35.42
	Bi-Monthly Water Credit	\$10 - \$20
	Bi-Monthly Sanitation Discount	
	Exempt from City Utility Tax	
Life-Support Equipment Discount	Bi-Monthly Electric Discount	\$35.42
Bill & Payment	Benefit	
Level Pay	Utility bill budgeting to level out high seasonal bills	

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Rebate Programs With Cooling Measures

Program	Measures	Income Qualified
AC Optimization	Tune-up	Free
Home Energy Improvement Program	Weatherization	Free
Comprehensive Affordable Multifamily Retrofit Program	Energy Assessments Technical Assistance GHG reduction	Free Free Higher incentives
Consumer Rebate Program	HVAC System Window Cool Roof Whole House Fan	\$ 100 - \$120 per ton \$ 2 / sq. ft. \$ 0.20 - \$0.60/sq. ft. \$ 200 per unit
Cool LA – Efficient Product Marketplace	Window, Wall, Portable AC units	Up to \$225

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