





JUNE 28, 2023

<b>TO</b>	Mike Haynes, Interim General Manager
<b>Cc:</b>	Jen Chan, Chief of Staff
<b>FROM</b>	Kim Kinney, Division Administrator <sup>K.K.</sup>
<b>SUBJECT</b>	Filing of DPP 500 P III-433 "Residential Thermostat Demand Response Pilot"


The attached Department Policy and Procedure (DPP 500 P III-433) has been proposed for adoption and is being submitted for your approval. Public notice of the proposed rule was printed in the Daily Journal of Commerce on 6/13/23.

The public comment period has concluded and there were no comments received for our notice of proposed rulemaking. In that regard, we are ready to finalize the DPP and request that you authorize and sign the enclosed memo and approve the DPP document to be filed with the City Clerk's Office.

*The attached Seattle City Light Department Policy and Procedure has been revised and contained herein is my authorized approval for the above noted action.*

Signature:	 <small>Jen Chan (Jun 28, 2023 15:46 PDT)</small>	Date Approved:	06/28/2023
Title:	Chief of Staff		
Signature:	 <small>Michael Haynes (Jun 28, 2023 15:50 PDT)</small>	Date Approved:	06/28/2023
Title:	Interim General Manager		



RESIDENTIAL THERMOSTAT DEMAND RESPONSE PILOT		
DPP NUMBER	DPP 500 P III-433	
EFFECTIVE DATE	06/29/2023	SUPERSEDES n/a "New"
APPROVED BY	 Michael Haynes (Jun 28, 2023 15:50 PDT)	

1.0 PURPOSE:

This policy establishes a residential thermostat demand response pilot program called "TempWise", under the authority granted by Ordinance 125957. This pilot opens a distributed energy resource management system ("DERMS") platform to City Light customers who have installed compatible, Wi-Fi enabled thermostats in their homes. Pilot enrollment will provide customers opportunities to earn incentives in exchange for allowing City Light and its subcontractor shared access and control to their smart thermostats. A component of City Light's Clean Energy Implementation Plan, this pilot will incrementally reduce participating customers' energy usage for limited durations during designated times for City Light's peak reduction, capacity management, and other utility goals. The pilot is completely voluntary, a customer may always opt out of the program or any participation.

2.0 PROGRAM DESIGN:

2.1 Pilot Eligibility. A City Light customer is eligible to apply for the pilot if they:

- a) Are a residential customer listed as the accountholder of record; and
- b) Are 18 years of age or older; and
- c) Permanently reside at the premises associated with the utility account; and
- d) Operate pilot-compatible electric heating and/or cooling equipment ("Equipment") (i.e. heat pump, central AC, or electric forced air furnace) that is continuously controlled by an eligible Wi-Fi enabled thermostat ("Device"); and
- e) Maintain a continuous and operational Wi-Fi connection between Device and the internet service, without use of hot spots; and
- f) Agree to all pilot [Terms & Conditions](#).

To remain eligible to participate in the pilot, the participant must allow City Light and its contractors / subcontractors ("Utility Pilot Parties") to access and control the Device and change its settings. Throughout the full, consecutive pilot term, the participant is wholly responsible for maintaining, repairing, and/or replacing any Devices, Equipment, and related systems as needed to ensure that they are fully operational and reliable. Related systems include but are not limited to Wi-Fi and internet services. Maintaining internet services means but is not limited to: continuing to retain an ISP for internet services; fully paying for ISP internet services on timely

bases so as not to jeopardize the continuity of services; promptly contacting the ISP when ISP internet services are impaired, and asking that any impairments be fixed.

- 2.2 **Program Size.** Pilot participation will be limited to 2,000 customers. If the Pilot becomes full, additional eligible applicants will be placed on a waiting list.
- 2.3 **Enrollment and Selection.** Applications will be accessible at the [Pilot Microsite Webpage](#). Only certain thermostats are eligible for participation in the pilot due to the limited scope and budget of the program. Eligible thermostat owners will be notified through their OEMs and/or owners can verify eligibility on the TempWise program [website](#).
- 2.4 **Events.** During an “Event”, participants will see their Device’s temperature setpoint automatically adjusted by a maximum of three degrees Fahrenheit for up to three consecutive hours. At the end of the Event, the Device’s temperature will be returned to the original setpoint.

There will be up to fifteen (15) Events for the summer season from June 1 to October 31<sup>1</sup>, and up to fifteen (15) Events for the winter season from November 1 to March 31. During the summer season, Events will occur between 1 pm to 7 pm and during the winter season they will occur between 6 am to 7 pm. Events will not occur on weekends or holidays.

- 2.5 **Event Participation and Opt-Out.** A pilot participant will receive notice of an Event via smartphone app, email, SMS, device, or other reasonable means. The notice will contain opt-out instructions, and a participant may choose to opt out of any Event. City Light will never interfere with a participant’s opt-out decision.
- 2.6 **Incentive Payments.** Pilot participants will be eligible to receive the following monetary incentives through May 2024:
- a. A \$50.00 payment if a Pilot Participant is eligible for the pilot and successfully completes the enrollment process by connecting their device; and
  - b. A \$20.00 payment if a Pilot Participant remains enrolled through the end of the summer season with equipment eligible to participate; and/or
  - c. A \$20.00 payment if a Pilot Participant remains enrolled through the end of the winter season with equipment eligible to participate.

Incentives are limited to one per household. Enrolling more than one Device in the same household will not result in additional incentive payments.

Participants will receive their incentive in the form of a check mailed to their account address within 45 days of enrollment, and 45 days of the end of the season.

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<sup>1</sup> Google Nest summer season will end September 30

If the Pilot extends beyond the First Year, this paragraph will be amended to reflect any subsequent year's incentive structure. Future incentives payments are dependent on City Light receiving City budget authority for this expenditure.

- 2.7 **Privacy and Data Security.** Throughout the pilot, data will be collected and used to determine eligibility, to enroll customers into the pilot, and to execute other activities connected to evaluating the pilot's effectiveness. Pilot data includes but is not limited to Personally Identifying Information ("PII") such as a customer's name and residential address; customer's energy usage and/or energy production; customer's utility account; customer's electric bills; information registered, recorded, or collected by the customer's Device; and other customer information related to the pilot. Utility Pilot Parties shall be contractually bound to protect PII consistent with the City's Privacy Policy and SMC 21.49.095. Pilot data may be subject to mandatory disclosures pursuant to rules, regulations, ordinances, laws, orders, and directives, including but not limited to, the Washington state's Public Records Act (RCW 42.56).
- 2.8 **Communications.** City Light and Utility Pilot Parties will use email, mail, text, call, survey, or other reasonable means of communication to correspond with participants about their activities related to the pilot, unless the participant explicitly opts out of seasonal event SMS or email notification. Communication may include but is not limited to, correspondence about Device adjustments or about fulfilling pilot participant duties. Participants should immediately notify City Light at [SCL\\_TempWise@Seattle.gov](mailto:SCL_TempWise@Seattle.gov) of any changes (e.g., discontinuation, porting) of their landline phone numbers, mobile phone numbers, mailing addresses, and email addresses.
- 2.9 **Unenrollment.** A participant may request to withdraw from the pilot at any time without forfeiting the \$50.00 enrollment incentive but will not be eligible to earn future enrollment incentives if they reenroll. If the participant withdraws from the pilot prior to participating in seasonal events, the participant will not be eligible for any participation incentives. A pilot participant may reenroll by submitting a new eligible application and if they have not been terminated due to misrepresentation, fraud, interference, improper conduct, or non-compliance.
- 2.10 **Pilot Sunset.** The pilot will end no later than May 2026.

### 3.0 REFERENCES:

- 3.1 Ordinance 125957, which grants authority for the Department to offer term-limited pilot programs to study demand response and low-income assistance programs.
- 3.2 SMC 21.49.095 Advanced Metering Infrastructure
- 3.3 Res 32040 [Clean Energy Implementation Plan](#), WAC 194-40-330(2) and RCW 19.405.060(2a).
- 3.4 [TempWise Pilot Terms and Conditions](#)
- 3.5 [City Light Privacy Policy](#)
- 3.6 RCW 42.56 Washington State Public Records Act

### 4.0 APPENDIX:

- 4.1 Distribution: Posted online @ [Seattle City Light Public Policies](#)

**REVISION HISTORY:**

<b>DATE</b>	<b>CHANGES MADE</b>	<b>REVISED BY</b>
6/29/2023	This DPP is to establish the rules for "TempWise" a bring-your-own-thermostat demand response pilot to study the customer experience and load impact potential of direct load control.	Author: Emma Johnson, Carsten Croff  Coordinator: Kim Kinney



**CITY OF SEATTLE  
OFFICE OF THE CITY CLERK**

**Office of the City Clerk**

E-signed 2023-06-28 04:03PM PDT

cityclerkfiling@seattle.gov



**Standard Filing Cover Sheet**

(Please fill out a cover sheet for each document you are filing)

See our InWeb page for more information on filing documents with our office: <http://legapps/inweb/clerk/filing/>

After completing this form, click Submit to file an electronic document, or print it and attach it to the paper document that will be filed (*bring to 3rd floor of City Hall or send to City Clerk Filing, CH-03-10*)

Name of person to follow up with in case of questions: Kim Kinney

Phone number: 206-233-2772

Department: City Light Department

Division/Workgroup: Financial Services Business Unit

Date of filing: 06/28/2023

The attached document is a:

- Report (Remember to send us a MS Word file as well as your paper or PDF document)
- Director's Rule (Remember to send us a MS Word file as well as your signed rule)
- Interlocal agreement, interdepartmental MOU/MOA, lease or collective bargaining agreement
- Response to Council Budget Action (Remember to send us a MS Word file as well as your paper or PDF document)
- Other (please describe) \_\_\_\_\_

Document title: Residential Thermostat Demand Response Pilot

If the document was requested or authorized by a specific resolution, ordinance, or council budget action, please give the number: n/a

Does the document amend or supersede an agreement or rule previously filed with us? No

Is there a project or permit number associated with the document you're filing? n/a

Are there any other identifying numbers we should include in the database record? DPP 500 P III-433

If the document relates to real property, please give the address and/or abbreviated legal description and/or parcel number: n/a

What else do we need to know about this document?

This is a new DPP to establish rules for a Residential Demand Response Pilot, an opt-in 1 year pilot program called "TempWise," offered by City Light. The Pilot opens its distributed energy resource management system ("DERMS") platform to City Light customers who have installed compatible, Wi-Fi enabled thermostats in their homes. Pilot enrollment will provide customers opportunities to earn incentives in exchange for allowing City Light and its subcontractor shared access and control to their smart thermostats.