

Attachment A to Replacement Revised Report Addressing PSE's Electric Conjunctive Demand Service Option and the Design and Evaluation Elements in Staff's Pricing Pilot Proposal per Orders 8 and 13 of Docket UE-190529

Schedules 26 and 31 Conjunctive Demand Service Option Pilot Monitoring and Reporting Plan

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Introduction

This CDSO¹ pilot will be applicable to general service Points of Delivery for Schedule 26 and 31 non-residential Customers that are not primarily used for EV² charging. The Pilot Evaluation Period will be from December 1, 2020, through December 31, 2025.³

Pilot Purpose & Goals

Schedules 26 and 31 Conjunctive Demand Service Option Pilot

Purpose:

Using the CDSO price structure to test if Schedule 26 and 31 Customers with multiple Points of Delivery across PSE's electric system would reduce conjunctive peak demand across their various Points of Delivery.

Goals:

- i. Provide Customers a pricing structure that incentivizes demand conservation (i.e. load shifting) across their multiple disaggregated Points of Delivery
- ii. Examine impacts of changes to the customer experience, such as synchronized billing cycles
- iii. By June 30, 2026, make a recommendation to continue, modify, or terminate the CDSO

Pilot Outcomes to Measure Value

No specific formula exists for what will constitute a successful pilot, but rather its success or failure will be evaluated on several measures listed below.

Economic Efficiency:

1. Measure changes in billed demand charges to the participating Customers (i.e. longitudinal study)
2. Identify magnitude of shifts in peak load due to Customer CDSO participation to assess savings on a system level
3. Compare changes in billed demand charges between CDSO participants vs. non-participants (i.e. cross-sectional)

¹ Conjunctive Demand Service Option available through PSE's Schedules 26 and 31

² Electric vehicle

³ CDSO tariff will be in effect for Customers until December 31, 2026.

Attachment A to CDSO Pilot Program Compliance Filing per Orders 8 and 13 of Docket UE-190529 -- Schedules 26 and 31 CDSO Pilot Monitoring and Reporting Plan

4. Quantify changes to PSE Schedules 26 and 31 demand charge revenues
5. Assess administrative capabilities and costs to scale this or like-kind products
6. Quantify attributable avoided greenhouse gases for system and participating Customers

Customer Appeal:

7. Assess changes in the participating Customer experience
8. Assess changes in participating Customer satisfaction

Reporting and Analysis

1. Evidence of participating Customer load shifting due to CDSO
2. Magnitude of participating Customer savings
3. Magnitude of PSE revenue change/system benefits due to CDSO
4. Evaluation of the CDSO administrative process
5. Evaluation of the CDSO outreach process
6. Documenting estimated change in greenhouse gases due to CDSO
7. Potential for other similar (or additional) demand rate design approaches
8. PSE will file a progress report and a final report with the Commission based upon the following schedule:

Report	Reporting Period	Due Date	Elements
Progress Report	December 1, 2020, (i.e., the first date that Customers may request potential participation in CDSO) through December 31, 2022	June 30, 2023	Available information from the different measures as of December 31, 2022, such as: <ol style="list-style-type: none"> 1. Type of Customer (grocery store, warehouse, etc.) 2. No. of Points of delivery by Customer 3. Average usage, monthly and annually, since January 1, 2018, and while on the CDSO <p><i>*For Points of Delivery not serving EV charging exclusively:</i></p> <ol style="list-style-type: none"> 4. Location of EV charging stations 5. No. of new EV chargers due to CDSO, if available.
Final Report	December 1, 2020, through December 31, 2025	June 30, 2026	A full review of the pilot metrics, including conclusions on the outcome of the pilots as well as recommendations for the continuation, cancellation, or revision of CDSO.

For reference only:

Available SAP Data

1. CDSO aggregated peak demand quantity (Conjunctive Maximum Demand)
2. CDSO aggregated peak demand date and time
3. Hourly demand results for each of Points of Delivery when measured CDSO aggregated peak demand
4. Point of Delivery peak billing demand quantity (i.e., Delivery Demand)
5. Demand revenues (i.e., Conjunctive Maximum Demand Charge and Delivery Demand Charge)
6. Rate schedule
7. Point of Delivery (i.e., SAP Contract Account)
8. Customer name (i.e., SAP Business Partner)
9. Service address
10. kWh usage
11. Length on the CDSO

Information from Customers via customized questionnaires in preparation of the two reports

1. Line of business at each Points of Delivery
2. Business hours
3. Available tools for demand control
4. Frequency and duration of tool deployment
5. Impact to the operations due to demand control
6. No. and types of EV charging stations at the site
7. Percentage of EV charging load
8. CDSO or similar program experiences with other utilizes
9. Reason for participating in this pilot
10. Overall customer satisfaction with the pilot
11. Interest in continuing participation in the CDSO
12. Perception of the tradeoffs between the operational/behavioral changes made to benefit versus overall savings experienced
13. Suggestions for changes to the CDSO should it continue into the future