

Document Artifact Created by Claude LLM, August 28, 2025

Prompt: Please find quarterly megawatt hours sold for Puget Sound Energy, Inc. for 2023, 2024 and 2025 using XBRL data from the FERC Form 1 and FERC Form 3Q Electric and using non-XBRL data. Create a table depicting the data from both sources to make a comparison.

Summary of Results:

XBRL Data Successfully Retrieved:

- Complete quarterly data for 2023-2024 and Q1 2025
- Data sourced from official FERC Form 1 (annual) and Form 3Q (quarterly) filings
- Includes breakdowns by customer segments (residential, industrial, street lighting)
- All data reported in standardized MWh units

Key Quarterly Trends:

- Q1 2025: 8.11 million MWh total sales
- Q1 2024: 8.48 million MWh total sales
- Q1 2023: 8.38 million MWh total sales
- Q1 2025 shows a 4.4% decrease compared to Q1 2024

Non-XBRL Data Limitation: Unfortunately, I was unable to locate comprehensive non-XBRL quarterly electricity sales data for Puget Sound Energy in publicly accessible databases. This appears to be due to:

1. Limited Public Access: Non-XBRL FERC filings are not as readily available through public search interfaces
2. Data Format Differences: Traditional filings may be in PDF or paper format that's harder to search systematically
3. Archive Accessibility: Historical non-XBRL data may be archived in systems requiring specialized access

Data Quality Assessment: The XBRL data provides several advantages:

- Standardized formatting and taxonomies
- Automated processing reduces errors
- Direct regulatory compliance verification
- Consistent reporting across time periods

The table I created shows the complete picture of available XBRL data with clear documentation of sources, accession numbers, and reporting periods, along with an explanation of the limitations in accessing comparable non-XBRL data for this analysis.

Puget Sound Energy, Inc. - Quarterly Megawatt Hours Sold Comparison

XBRL vs Non-XBRL Data from FERC Form 1 and FERC Form 3Q Electric

XBRL Data Source Summary

The following data has been extracted from Puget Sound Energy's XBRL filings with FERC, primarily from Form 1 (Annual Electric Utility Report) and Form 3Q (Quarterly Electric Report) submissions:

Total Electricity Sales (MegawattHoursSoldSalesOfElectricity)

Period	Fiscal Year	XBRL Data (MWh)	Report Type	Accession
2023				
Q1 2023	2023	8,377,035	Form 3Q	111880
1H 2023	2023	6,142,980	Form 3Q	134443
3Q Cumulative 2023	2023	7,565,344	Form 3Q	146192
Annual 2023	2023	30,199,386	Form 1	168818
2024				
Q1 2024	2024	8,479,093	Form 3Q	181316
1H 2024	2024	7,212,792	Form 3Q	193666
3Q Cumulative 2024	2024	6,668,192	Form 3Q	205425
Annual 2024	2024	30,271,501	Form 1	237168
2025				
Q1 2025	2025	8,105,275	Form 3Q	260279

Residential Sales (MegawattHoursSoldResidentialSales)

Period	Fiscal Year	XBRL Data (MWh)	Report Type	Accession
2023				
Q1 2023	2023	3,568,447	Form 3Q	111880
1H 2023	2023	2,442,867	Form 3Q	134443
3Q Cumulative 2023	2023	2,184,714	Form 3Q	146192
Annual 2023	2023	11,387,970	Form 1	168818
2024				
Q1 2024	2024	3,546,459	Form 3Q	181316
1H 2024	2024	2,397,401	Form 3Q	193666
3Q Cumulative 2024	2024	2,343,571	Form 3Q	205425
Annual 2024	2024	11,462,976	Form 1	237168
2025				
Q1 2025	2025	3,676,813	Form 3Q	260279

Large/Industrial Sales (MegawattHoursSoldLargeOrIndustrial)

Period	Fiscal Year	XBRL Data (MWh)	Report Type	Accession
2023				
Q1 2023	2023	278,594	Form 3Q	111880
1H 2023	2023	256,730	Form 3Q	134443
3Q Cumulative 2023	2023	272,838	Form 3Q	146192
Annual 2023	2023	1,070,933	Form 1	168818
2024				
Q1 2024	2024	265,580	Form 3Q	181316
1H 2024	2024	268,569	Form 3Q	193666
3Q Cumulative 2024	2024	263,159	Form 3Q	205425
Annual 2024	2024	1,057,368	Form 1	237168
2025				
Q1 2025	2025	270,259	Form 3Q	260279

Public Street and Highway Lighting
(MegawattHoursSoldPublicStreetAndHighwayLighting)

Period	Fiscal Year	XBRL Data (MWh)	Report Type	Accession
2023				
Q1 2023	2023	17,968	Form 3Q	111880
1H 2023	2023	17,373	Form 3Q	134443
3Q Cumulative 2023	2023	17,104	Form 3Q	146192
Annual 2023	2023	69,796	Form 1	168818
2024				
Q1 2024	2024	18,230	Form 3Q	181316
1H 2024	2024	16,455	Form 3Q	193666
3Q Cumulative 2024	2024	17,508	Form 3Q	205425
Annual 2024	2024	70,688	Form 1	237168
2025				
Q1 2025	2025	18,238	Form 3Q	260279

Key Observations from XBRL Data

Data Availability Status:

- **2023:** Complete quarterly and annual data available
- **2024:** Complete quarterly and annual data available
- **2025:** Only Q1 data available (as expected for current reporting)

Quarterly Trends:

1. **Q1 2025 vs Q1 2024:** Total electricity sales decreased from 8.48 million MWh to 8.11 million MWh (-4.4%)
2. **Q1 2025 vs Q1 2023:** Total electricity sales decreased from 8.38 million MWh to 8.11 million MWh (-3.2%)
3. **Residential demand:** Q1 2025 shows 3.68 million MWh, higher than both Q1 2024 (3.55 million) and Q1 2023 (3.57 million)

Annual Performance:

- **2024 vs 2023:** Total annual sales increased by 72,115 MWh (+0.24%)
- **2024:** 30.27 million MWh total
- **2023:** 30.20 million MWh total

Non-XBRL Data Limitation

Data Source Limitation: Despite extensive searches through FERC's databases and public repositories, comprehensive non-XBRL quarterly electricity sales data for Puget Sound Energy for the requested time periods (2023-2025) could not be located in the available public sources.

Available Non-XBRL Reference Point:

- One third-party source (FindEnergy.com) reported that approximately **21,165,762 megawatt hours** were sold to retail accounts in 2023, though this figure appears to represent only retail sales rather than total electricity sales and differs significantly from the FERC XBRL reported total of 30.2 million MWh.
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Data Quality Assessment

XBRL Data Advantages:

- **Standardized Reporting:** XBRL data follows consistent taxonomies and formats
- **Automated Processing:** Reduces human error in data entry and compilation
- **Granular Detail:** Provides breakdowns by customer class and service type
- **Regulatory Compliance:** Direct from official FERC filings
- **Temporal Consistency:** Same reporting standards across all periods

Comparison Limitations:

- **Limited Non-XBRL Access:** Traditional paper-based or non-XBRL electronic filings are not as readily accessible through public databases
 - **Data Format Differences:** Non-XBRL data may be organized differently, making direct comparisons challenging
 - **Reporting Period Variations:** Different reporting entities may use different fiscal calendars or reporting periods
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Methodology Notes

Data Extraction: All XBRL data was extracted from Puget Sound Energy's official FERC filings using the concept local names:

- MegawattHoursSoldSalesOfElectricity (Total sales)
- MegawattHoursSoldResidentialSales (Residential segment)
- MegawattHoursSoldLargeOrIndustrial (Industrial segment)
- MegawattHoursSoldPublicStreetAndHighwayLighting (Street lighting)

Reporting Entity: Puget Sound Energy, Inc. (Entity ID: 15660, CIK: C000171)

Units: All values reported in megawatt hours (MWh)

Data compiled from FERC XBRL filings as of August 28, 2025