

Fish, Wildlife and Water Quality Department Update

Grant PUD Commission Meeting June 11, 2024

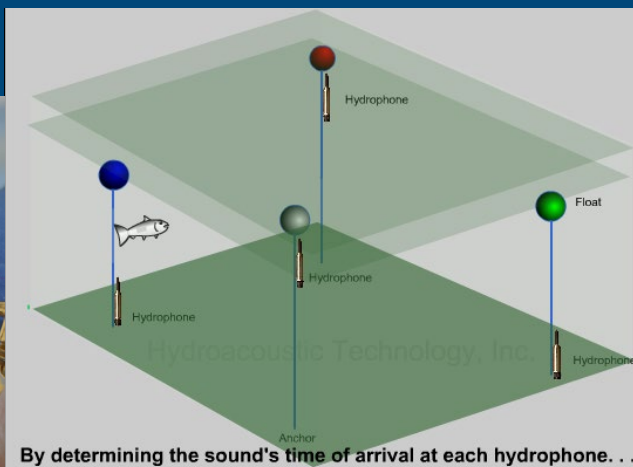
Operate Responsibly by Attaining Environmental, Cultural Resource and Regulatory Compliance



Powering our way of life.

Juvenile Salmonid Survival Evaluations (2025-2027)

- ❖ Study Plan approved by PRCC on November 28, 2023.
- ❖ 1- year Check-ins for Yearling Chinook, juvenile steelhead, and juvenile sockeye.
- ❖ 3 consecutive years required for Summer Subyearling Chinook (To Be Determined).
- ❖ Substantial Risk if standard not achieved for each species.
 - ✓ Financial (retests, NNI contributions, increased hatchery production and/or other mitigation requests).
 - ✓ Operational (Increased spill, turbine and bypass operations, structural modifications, etc.).
- ❖ Suite of Contracts need to be developed and approved in 2024.
 - ✓ Professional Services for Contractor to install equipment, collect, analyze and report on data.
 - ✓ Professional Services for statistical analysis and review of data.
 - ✓ Interlocal Agreement with Chelan PUD for fish collection.
 - ✓ Contract for helicopter services for fish releases.
 - ✓ Acoustic Tags, Receivers, etc.



Carlton Acclimation Facility

❖ Methow River migrating away from existing water intake structure. During extremely cold snaps typically in late February/early March the facility can be left with no to very little river water for fish acclimation. Channel migration away from the intake structure continues to occur.

❖ Current Status

✓ Phase 1: (Production & Domestic Well)

- Irrigation Technology and Control, Inc.
- Successfully Completed

✓ Phase 2: (Infrastructure Needs)

- Bid during Q1 2024 – No bids Received.
- Will be bid again – 10-week timeframe
- Goal is to try and have Contract in place by mid-Dec.



White River Spring Chinook Program

- ❖ The White River spring Chinook are listed as endangered under ESA.
- ❖ The 2008 NOAA Biological Opinion (BiOp) for the Priest Rapids Project required Grant PUD to develop the necessary facilities to collect adult chinook, spawn, incubate, rear, and release 150,000 juvenile spring Chinook into the White River annually.
- ❖ In 2006, Grant PUD purchased an 18-acre parcel along White River to build the necessary facilities to meet the requirements identified in the 2008 NOAA BiOp.
- ❖ Resistance by local stakeholders, Chelan County permitting requirements and lack on consensus among required stakeholders resulted in the development of a Statement of Agreement (SOA) which deferred a decision on facility development.
- ❖ **Components of SOA**
 - ✓ Conduct annual monitoring and evaluation activities in White River (2020-2026).
 - ✓ Expand Nason Creek Acclimation Facility (NCAF) to accommodate up to 275,000 smolts.
 - ✓ All Wenatchee spring Chinook mitigation will be met at the NCAF.
 - ✓ Independent scientific review panel – Staff currently mapping out process.
 - ✓ By 2026 PRCC-Hatchery Subcommittee will determine if White River program should be restarted.
- ❖ Potential future financial, O&M, and capital risk.



PR Hatchery Siphon Intake

- ❖ Constructed in the 1960's (~1963).
- ❖ Flow (~100 cfs) is through a fabricated steel bell-mouthed section connected to a 54" diameter reinforced concrete conveyance pipe that runs over the dam embankment to the hatchery.
- ❖ Used in conjunction with the existing well field to achieve/maintain water temperature regimes for adult holding, spawning, incubation, rearing and release of Fall Chinook.
- ❖ Back-up water supply to the Priest Rapids Hatchery well field.
- ❖ Current Status
 - ✓ Concept Study Updated June 2023.
 - Site visit with permitting agency (WDFW) – August 8, 2023.
 - Pre-permitting meetings (NOAA, WDFW & USFWS) – November 2, 2023.
 - Several Discussions with USCOE on pre-application.
 - Continued work on permit package for USCOE.
 - ✓ Anticipated Completion Date – 2027.



2024+ Challenges

- ❖ Develop & Maintain External & Internal stakeholder relationships.
- ❖ Maintain compliance, stewardship, and budget requirements.
- ❖ Continued Progress on Asset Management for Hatchery facilities.
- ❖ Implement Succession Planning Activities.
- ❖ Performance Standard Clarification from NOAA Fisheries.
- ❖ 10-year Hatchery Monitoring & Evaluation Program Approved.
- ❖ Carlton Acclimation Facility Phase II Project Implemented.
- ❖ Continued Progress on Priest Rapids Hatchery Siphon Intake Project.
- ❖ Implement White River Spring Chinook Independent Panel.
- ❖ Performance Standard Planning & Contracting (2025-2027).





Grant PUD Cultural Resources 2024 Q1/2 Business Report

Grant PUD Commission Meeting
– June 11, 2024

Department Purpose and Goal

- The Cultural Resources Department is tasked with ensuring compliance with FERC regulatory requirements related to cultural resources. These include historic and prehistoric sites and Traditional Cultural Places important to the Wanapum, Yakama and CCT people. A secondary goal is to help foster the relationship between the District and the Wanapum, all in alignment with Grant PUD's safety, financial, and compliance goals.



Q1/2 Business Review

- **Regulatory Compliance**
 - Compliance Violations = 0
 - NCRRP Reviews = 15
 - FERC orders/notices = 0
 - Summary/Listing of filings=0
- **Safety Metrics**
 - Incidents = 0
 - Close calls = 0
 - JSRs = 20
 - Safety meeting attendance = 96%



Q1/2 Business Activities

Compliance: Archaeology/River Patrol

NOTABLE ACTIVITIES

- Q2 stakeholder meeting was held on 4/11, discussion continued for the Wanapum to Mountain View T-line. Focus was to maintain stakeholder engagement and ensure they understand details of the route and our efforts to identify archaeological and traditional cultural sites that might be impacted.
- Continued support for a number of capital projects around the District including the Ephrata Service Center scoping, Wanapum to Mountain View Transmission Line, PR Hatchery Siphon Intake Project and the PR Spillway Stability Improvement Project.
- Archaeological site monitoring for the 2024 season began May 13.



Q1/2 Business forecast

Compliance: Wanapum Interface Office Activities

- PR stability anchor project – bi-weekly consultation and coordination meetings are ongoing.
- PRREIP – Implementation of MOA stipulations are ongoing and a report of cumulative effects to the Wanapum village (Wownisha) is being developed.
- Continued cultural resource working group participation with BPA, PNNL, USFWS, Dept of Energy, and USACE to protect Wanapum interest through ongoing maintenance work and proposed new undertakings
- Columbia Cliffs consultation is ongoing



Q1/2 Business forecast

Compliance: Wanapum Interface Office Activities

- Wanapum are working with the Dept. of Energy, Dept. of Interior, BIA, USFWS, and Hanford Tribes to transition the management of the Rattlesnake Mountain (known as Laliik) from federal to Tribal co-stewardship.
- Wanapum are requesting Congress and the Senate to rescind 2015 NDAA legislation allowing public access to the summit of Laliik to protect the sacred site.
- Wanapum are participating in the development of a national Sacred Sites Policy with Department of Energy and Department of Interior.



Q1/2 Business Activities

Traditional Program: Wanapum Heritage Center:

Wanapum Heritage Center is open to general public Thursday through Monday; Tuesdays and Wednesdays are dedicated to local school Districts.

- There has been an increase in visitors in last 6 months. Community outreach and advertising seems to be helping with visitors counts.
- The new Wanapum Native American Discovery Unit is nearing completion with hopes to have it available at the Grant County Fair. Modifications and customs builds are happening in-house, Wanapum want to send appreciation for Transportation and Facilities and all their help.
- We've hired a new Docent. Will explore returning to having the Museum open 7 days a week.



Q1/2 Business Review

Major Projects: Traditional program

- Two projects are scheduled for this year, the Wanapum Canoe project has started and Wanapum Tule mat lodge Work will begin in June. This year will focus on acquiring materials for construction.
- The anticipated completion date for both projects is in 2025.



2024 Q2/3 Forecast

Use of Allocated Resources



Services –

- A contract has been executed with Drayton Archaeological Research to support compliance efforts for construction of both the Columbia to Mountainview Transmission Line and the Monument Hill to Rocky Ford Transmission Line.



Staffing –

- We've hired a new docent, Jessica Massingale for the Wanapum Heritage Center.

2023 Q4/1 Forecast

- Questions?

Community Engagement Report

Commission Presentation
June 11, 2024

Chuck Allen, *Sr Manager*

Annette Lovitt, *Community Engagement Lead, Public Affairs Officer*



Powering our way of life.

Agenda

Our “WHY”

- Community Engagement Strategy
- Summer Fairs, Festivals and Fun
- Grant County Fair

The future is Bright

- Solar Car Races
- Foundation for Water & Electric Education (FWEE) x3!
- NCW Library Program
- So much more.....

Listen and Learn

- Rate Strategy Sessions
- Mid-C Legislative Tour

External Affairs and Communications Structure & Personnel




Chuck Allen
Senior Manager

Government/
Regulatory Affairs




Ryan Holterhoff
Senior Policy Analyst


Public Affairs




Christine Pratt
Public Information Officer




Annette Lovitt
Community Engagement



Rosalie Black
Public Affairs Marketing



Raquel Urbina
Communication Specialist



Caden Sheneman
Communication Intern

Information Governance Compliance



Jessie Allemand
Policy Administrator



Beverly Peterson
Records Officer



Angie Albertson
Records Officer



Michelle Clark
Records Officer

01

Community Outreach

Our 'WHY'

Community Engagement Strategy

- Meet the community where they are
- Work to be that trusted neighbor
- Do it better next time



Summer Fairs, Festivals and Fun

Grand Coulee

Colorama ✓

Coulee City

Coulee City Roundup ✓

Soap Lake

Suds and Sun – July 6th

Ephrata

Sage 'n Sun – June 8th
Car Show – July 13th

Quincy

Farmer Consumer Awareness
Day – Sept 7th



George

Fourth of July festival – July 4th

Mattawa

Summer Movie Nights

Royal City

Summerfest – July 6-7

Moses Lake

Winter Ag Parade – Dec 7th

Warden

Warden Days – Sept 2nd

Grant County Fair

Mark your calendars!

Tuesday the 13th will be “Grant PUD” Day

This year we will be inside the Commercial building with a Safety “pop-up” during Safety Trailer demonstrations

Outreach to low-income customers, promoting our Community Benefits

Volunteer at the booth and receive our limited edition 2023 shirt!

August 2024 

Su	Mo	Tu	We	Th	Fr	Sa
				1	2	3
4	5	6	7	8	9	10
11	12	13	14	15	16	17
18	19	20	21	22	23	24
25	26	27	28	29	30	31



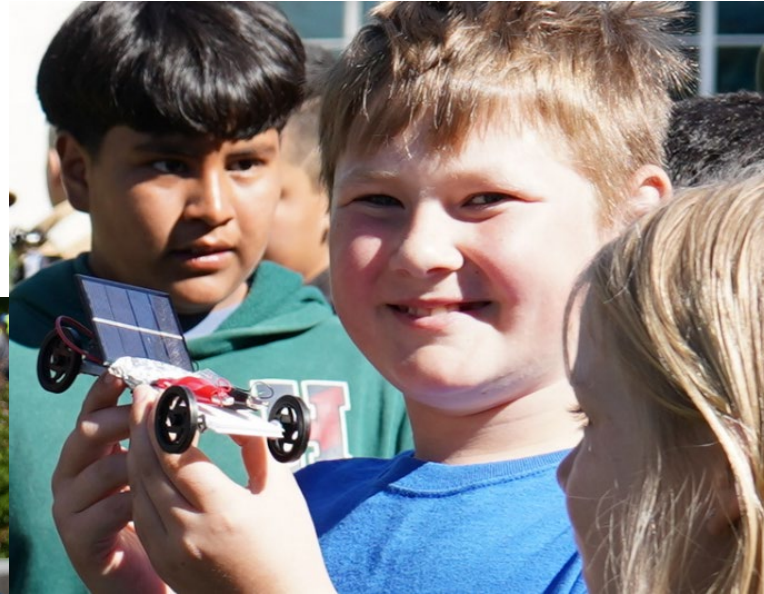
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Educational outreach

The Future is BRIGHT

Solar Car Races

8 Partners + 9 School Districts + 1,239 5th graders = 2 days of STEM learning & lasting memories!



FWEE x3!

WENATCHEE • JUNE 17 – 21, 2024

FWEE Wenatchee Hydropower & STEM Career Academy



[Learn More & Apply](#)

TRI-CITIES • JUNE 24 – 28, 2024

FWEE Tri-Cities STEM Career Academy



[Learn More & Apply](#)

CENTRALIA • JUNE 25 – 27, 2024

FWEE Southwest WA Hydropower & STEM Career Academy



[Learn More & Apply](#)

NCW Library Program



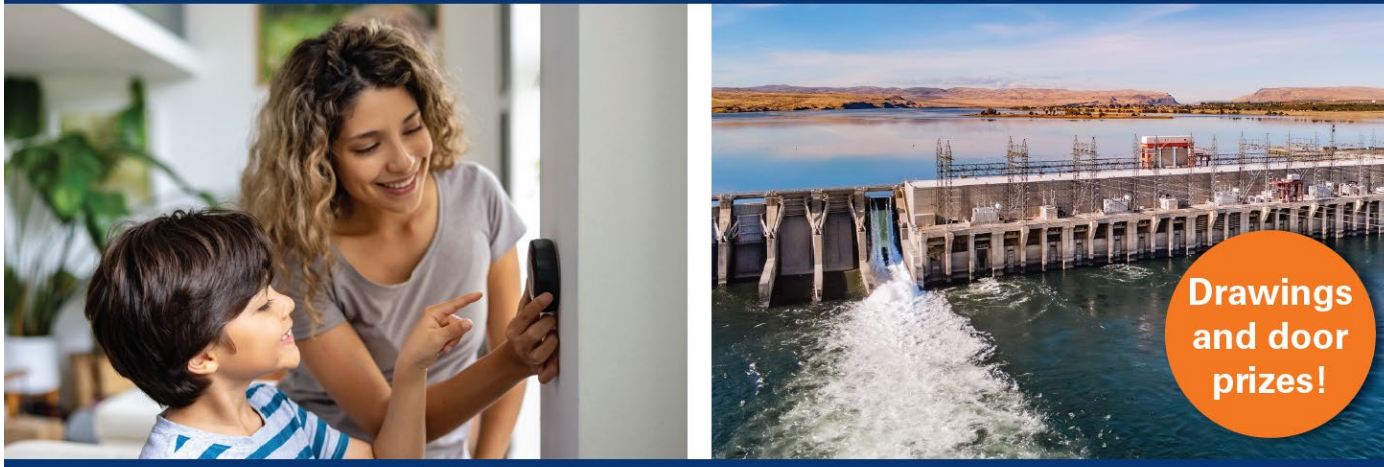
Tuesday June 25th at 2:00 PM in Ephrata
Thursday June 27th at 3:30 PM in Coulee City
Wednesday July 10th at 2:00 PM in Grand Coulee
Thursday July 11th at 4:00 PM in Warden
Monday July 15th at 3:00 PM in Moses lake
Wednesday July 17th at 3:00 PM in Quincy
Tuesday July 23rd at 4:00 PM in royal city
Wednesday July 24th at 4:00 PM at Soap Lake

03

Community Outreach
Listening and Learning

Rate Strategy Sessions

You're invited to our rate strategy customer meetings



Drawings and door prizes!

Residential Customers

Tuesday, May 21, 2024 | 6 p.m. - 8 p.m.

No registration required.

**Moses Lake Civic Center
Moses Lake, WA 98837**

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April 16th

9:30 – 11:30 am

6:00 – 8:00 pm

Ag (Rates 2, 3 & 7)

General & Large General
Service (Rates 2 & 7)

May 21st

8:30 – 10:30 am

6:00 – 8:00 pm

Industrial (Rates 14, 15 & 16)

Residential (Rate 1)

June 4th

6:00 – 8:00 pm

All Rates wrap up

Join Grant PUD for a discussion about the unprecedented growth in electric demand this utility is facing and factors that should most influence the way we set our customers' electric rates in the future. Big challenges demand fresh ideas. We look forward to hearing from you!



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PUBLIC HEARING:

Energy Independence Act Conservation Potential and Biennial Target

June 11th, 2024

Christopher Buchmann

Customer Solutions Program Supervisor



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Agenda

Energy Independence Act (I-937)

- 2022 – 2023 Biennium Review
- 2024 – 2025 Biennium Target & Potential
- Amend Resolution 9037

Energy Independence Act (I-937)

2022-2023 Biennium

What is I-937?

Washington's Energy Independence Act (EIA), enacted a renewable portfolio standard (RPS) commonly referred to as "Initiative 937" effective January 1, 2010. The CPA must be updated every two years. The next update will be submitted the end of 2025.

Penalties

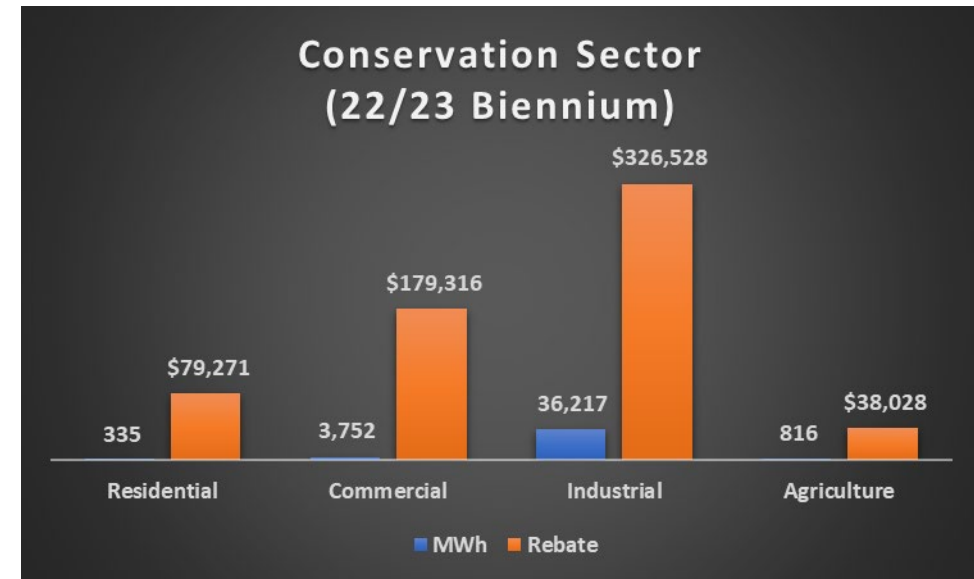
- A utility that fails to comply with the energy conservation or renewable energy targets shall pay an administrative penalty to the state of Washington in the amount of \$63 for each megawatt-hour of shortfall.

Example: If none of the targets are met the penalty would be \$2,685,213.48 and if half are met, the penalty would be \$1,262,540.74

- This penalty shall be adjusted annually and carried over to the next biennium.

Currently:

- Conservation Target:** 40,033 MWh has been exceeded
- Actual Saved to Date:** 41,121 MWh (103% of target met)
- To Date:** Grant PUD has relied heavily on data centers



Future:

- Use part of I-937 budget to benefit CETA through Conservation programs

Conservation Potential Assessment (CPA)

2024-2025 Biennium

Target:

Per RCW 19.285.040, qualifying utilities shall pursue all conservation that is cost-effective, reliable, and feasible.

I-937 requires utilities pursue all cost-effective conservation resources and meet conservation targets set using a utility-specific Conservation Potential Assessment (CPA) methodology.

The EIA sets forth specific requirements for setting, pursuing and reporting on conservation targets.

Measures:

- **Residential:** Insulation, Window, Heat Pump, Duct Sealing
- **Commercial:** Lighting
- **Industrial:** Custom Projects
- **Agricultural:** Sprinkler Replacement, High Pressure Sprinkler Conversion, Base Boot Center Pivot Gasket Replacement, Irrigation Pump Efficiency Upgrades

Conservation Potential Assessment (CPA)

2024-2025 Biennium

Amend Resolution 9037:

- Energy Services recommends the Commission approve, after the public hearing, the amended 10-year conservation potential and biennial conservation target.

Reason for Amendment:

- The prior CPA did not include the 10% energy credit when looking at Cost Effectiveness. This was discovered prior to submitting the CPA to the State Auditors Office.
- Reviewed the Data Center savings and scaled them back to a target that was more reasonable due to uncertainty of continued growth.

2024-2025 Biennium Targets (Resolution 9037):
2-year Target: 3.81 aMW (33,375.6 MWh)
10-year Potential: 18.65 aMW (163,374.0 MWh)



2024-2025 Amended Biennium Targets:
2-year Target: 2.00 aMW (17,520 MWh)
10-year Potential: 15.99 aMW (140,072 MWh)

Energy Independence Act (I-937)

2024-2025 Biennium

Amended Savings

TABLE 1-1: COST-EFFECTIVE POTENTIAL (aMW)

	2-Year	4-Year	10-Year	20-Year
Residential	0.17	0.38	1.47	3.12
Commercial	0.66	1.34	3.34	6.52
Industrial (including data centers)	1.00	2.68	9.69	19.96
Agricultural	0.18	0.49	1.49	3.01
Total	2.00	4.89	15.99	32.61

Resolution 9037 Savings

TABLE 1-1: COST-EFFECTIVE POTENTIAL (aMW)

	2-Year	6-Year	10-Year	20-Year
Residential	0.16	0.66	1.46	3.04
Commercial	0.65	2.01	3.32	6.5
Industrial	2.84	8.99	11.91	15.32
Agricultural	0.15	0.75	1.48	2.94
Total	3.81	12.52	18.65	29.23

Energy Independence Act (I-937)

2024-2025 Biennium

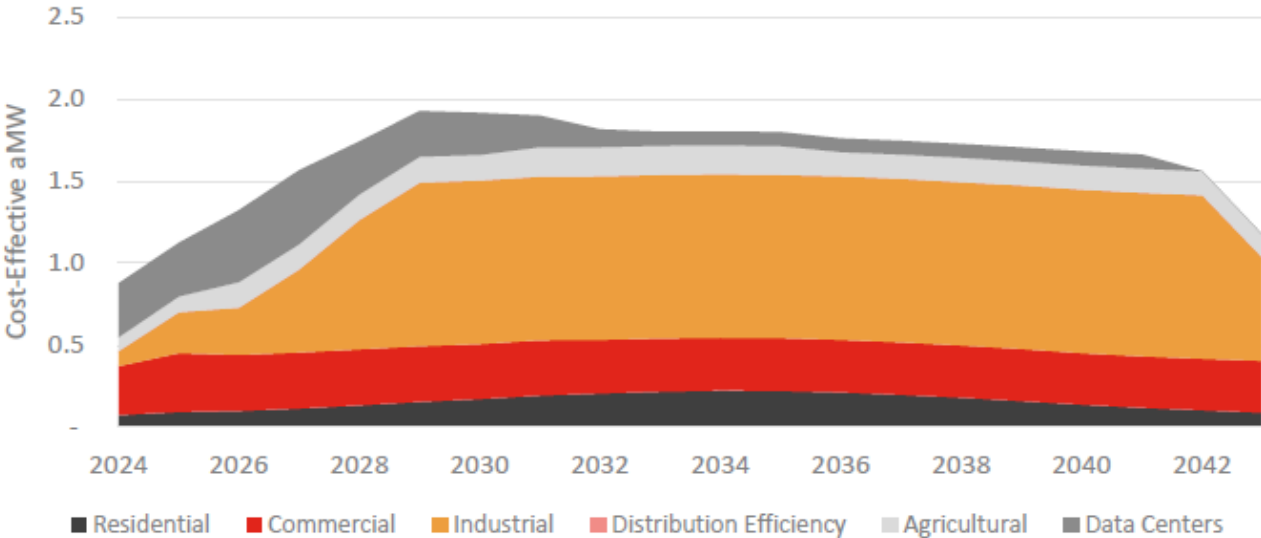
Sector Information:

Data Center Projects: The largest share of future savings potential is projected to be from large data center projects.

Commercial Sector: The second largest share of conservation is available in the District's commercial sector. The District has achieved significant savings in lighting measures in recent years, leaving limited remaining savings.

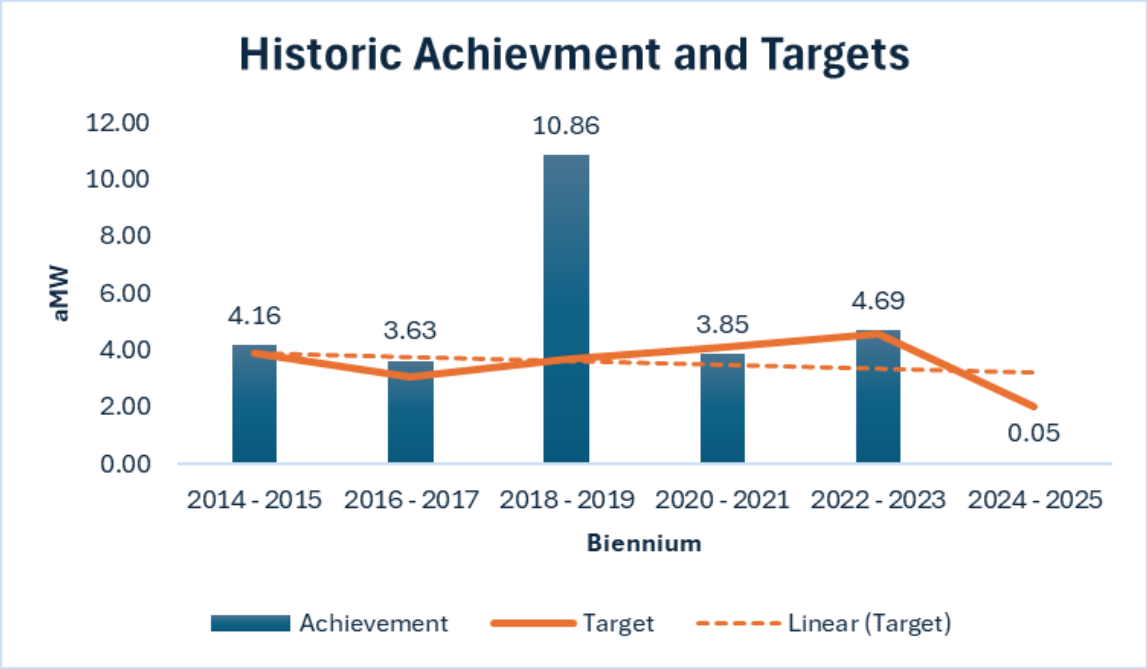
Residential Sector: Only 10% of the potential is in the residential sector with the largest contributing measures of water heating and HVAC.

FIGURE 1-2: ANNUAL COST-EFFECTIVE ENERGY EFFICIENCY POTENTIAL ESTIMATE



Energy Independence Act (I-937)

2024-2025 Biennium



Thank You



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