

# Idaho Power: Energy Efficiency in Oregon



UM 2005 – Workshop #3  
February 26, 2020

# DSM Energy Efficiency Savings

## IDAHO POWER SYSTEM: Demand-Side Management (“DSM”) Energy Efficiency Savings

Year	Idaho Power Program Savings*	NEEA Saving*	Total savings*
	(kWh)	(kWh)	(kWh)
2014	118,670,113	26,805,600	145,475,713
2015	140,633,155	23,038,800	163,671,955
2016	146,218,758	24,352,800	170,529,352
2017	167,819,395	24,440,400	192,259,795
2018	158,556,721	24,966,000	183,377,834
2019**	184,933,675	18,107,684	203,041,359

## IDAHO POWER - OREGON: DSM Energy Efficiency Savings

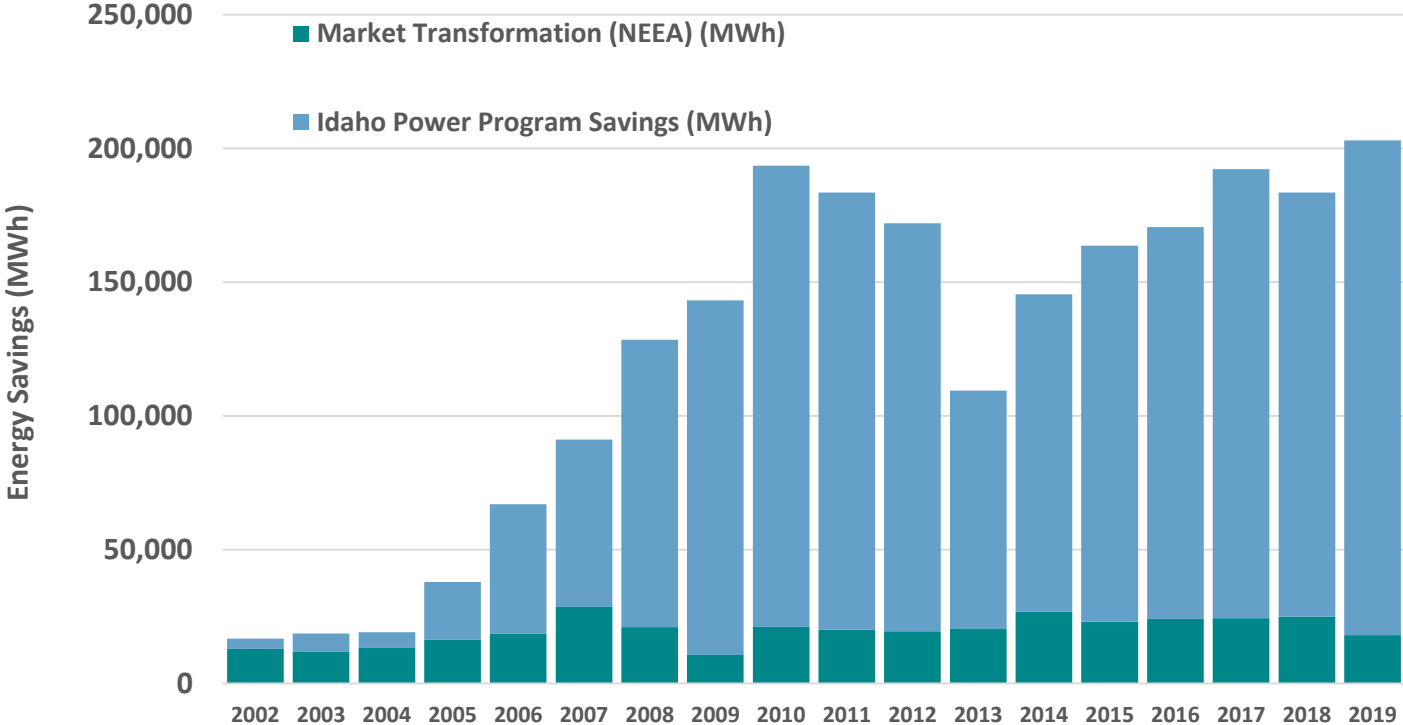
Year	Idaho Power Program Savings*	NEEA Saving*	Total savings*
	(kWh)	(kWh)	(kWh)
2014	5,777,306	1,000,000	6,777,306
2015	6,304,727	1,095,000	7,399,727
2016	6,073,512	1,230,780	7,304,292
2017	6,140,511	1,182,600	7,323,111
2018	5,283,897	1,248,300	6,532,197
2019**	4,976,988	905,384	5,882,372

\*Savings are reported without line losses.

\*\*Preliminary.



# Idaho Power Energy System Savings\*



\*2019 Savings are preliminary

# Energy Efficiency Programs



## Energy Efficient Programs

### Residential

Easy Savings: Low-Income Energy Efficiency Education  
Education Distributions  
Energy Efficient Lighting  
Energy House Calls  
Heating & Cooling Efficiency Program  
Home Energy Audit  
Home Energy Report Pilot Program  
Multifamily Energy Savings Program  
Oregon Residential Weatherization  
Rebate Advantage  
Residential New Construction Pilot Program  
Simple Steps, Smart Savings™  
Weatherization Assistance for Qualified Customers  
Weatherization Solutions for Eligible Customers

---

## Energy Efficient Programs

### Commercial

Commercial Energy-Savings Kits  
Custom Projects  
Green Motors - Industrial  
New Construction  
Retrofits

---

### Irrigation

Green Motors - Irrigation  
Irrigation Efficiency Rewards

---

## Market Transformation

Northwest Energy Efficiency Alliance (NEEA)

# DSM Monitoring & Reporting



- **Reporting:** Idaho Power's energy savings from DSM programs are reported annually by jurisdiction. Idaho Power's *Demand-Side Management 2018 Annual Report* was filed on April 2, 2019.\*
- **Methodology and Validation:**
  - Idaho Power uses industry standard protocols for internal and external evaluation of DSM energy efficiency programs (e.g., National Action Plan for EE – Model EE Program Impact Evaluation Guide, International Performance Measurement and Verification Protocol, etc.)
  - Timing of evaluations is based on protocols from industry standards – large portfolio contributors are evaluated more often and with more rigor – results are used to improve program performance and savings estimates

\*DSM Reports are filed annually under Docket UM 1710

# Idaho Power Demand Response Programs

- Irrigation Peak Rewards ~ 320 MW (Oregon 9.5 MW)
- Commercial & Industrial Flex Peak ~ 35 MW (Oregon 11.9 MW)
- Residential A/C Cool Credit ~ 35 MW (Oregon .3 MW)



# Public Involvement and Input



- Energy Efficiency Advisory Group (EEAG)
  - Meets Quarterly to advise on DSM programs
  - Members
    - IPUC and OPUC
    - Environmental Organizations
    - State & Local Government
    - Irrigation/Commercial/Industrial Sectors
- Organizations
  - Northwest Energy Efficiency Alliance (NEEA)
  - Regional Technical Forum (RTF)
  - E Source/ACEEE/CEE