

# PCDS Meeting

**Jon Jensen**  
*WECC*

**Anuj Patil, Andrew Fay, Brandon Wilde**  
*WECC*

**Electric Reliability  
& Security for the West**

April 8, 2026



# 2036 ADS V1.0



## 2036 ADS V1.0 Updates

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- PF case had a few L&R units on (about 800 MW of L&R were on)
  - Created scenario:
    - Fix to turn off L&R units
    - Fix CRTP (Line was not included)
    - Fix Idaho Transformer (Incorrect rating)
      - Confirmed with Idaho
    - Fix VEA Branches
      - Ratings were 1 MW
    - Fix BPA maintenance
      - Multiple large units out at same time
- Running new case, verifying case with PNNL



# 2036 ADS V2.0



## 2036 ADS V2.0 Updates

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- CIPB and WAUW okay with a megawatt increase
  - Haven't heard back from GCPD on Load Factor
- PF case had a few L&R units on (about 800 MW of L&R were on)
  - Created scenario:
    - Fix to turn off L&R units
    - Fix CRTP (Line was not included)
    - Fix Idaho Transformer (Incorrect rating)
      - Confirmed with Idaho
    - Fix VEA Branches
      - Ratings were 1 MW
    - Fix BPA maintenance
      - Multiple large units out at same time



## 2036 ADS V2.0 Status

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- Comparing 2025 L&R to 2026 L&R to PCM
- Comparing projects: L&R, EIA, Stephen's list
  - Cutoff Date: May 6
- APFTF meeting yesterday
  - Review units without location or bad location



# 2036 ADS PCM V2.0

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## Loads Review



# Documentation

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- Located on PCDS team site
- Comprehensive documentation approach
  - Show spreadsheet



# Overview of Process for Adding New 2026 Units

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- Identify new units that need to be added by comparing 2025 L&R to 2026 L&R
  - If unit already exists in case, keep it in case
  - Create new unit in GV
    - Update supporting info
- Identify new units that need to be deleted by comparing 2025 L&R to 2026 L&R
  - Delete units out of GV that don't exist in 2026 L&R
- Identify new units that need to be modified by comparing 2025 L&R to 2026 L&R
  - Modify applicable data in GV



# Hybrids Review



# Hybrids Review by Number of Units

BA	Sum of Hybrid Count
AESO	53
AVA	0
AVRN	3
AZPS	4
BANC	0
BCHA	0
BNBA	0
BPAT	0
CENACE	0
CHPD	0
CISO	63
DEAA	0
DOPD	0
EPE	25
GCPD	0
GRID	0
GWA	0
IID	0
IPCO	3

BA	Sum of Hybrid Count
IPCO	3
LDWP	2
NEVP	99
NWMT	3
PACE	15
PACW	1
PGE	0
PNM	31
PNM	0
PSCO	20
PSEI	0
SCL	0
SRP	12
TEPC	4
TIDC	0
TPWR	0
WACM	1
WALC	2
WAUW	0
WWA	0



# Hybrids by Area and Unit Type

BA	Sum of Hybrid Count
<b>AESO</b>	<b>53</b>
BA	28
GT	1
HY	2
PV	18
WT	4
<b>AVRN</b>	<b>3</b>
BA	1
PV	2
<b>AZPS</b>	<b>4</b>
BA	2
PV	2
<b>CISO</b>	<b>63</b>
BA	31
PV	31
WT	1
<b>EPE</b>	<b>25</b>
BA	13
PV	12
<b>IPCO</b>	<b>3</b>
PV	3
<b>LDWP</b>	<b>2</b>
PV	2

BA	Sum of Hybrid Count
<b>NEVP</b>	<b>99</b>
BA	51
PV	46
WT	2
<b>NWMT</b>	<b>3</b>
BA	1
PV	2
<b>PACE</b>	<b>15</b>
BA	8
PV	7
<b>PACW</b>	<b>1</b>
WT	1
<b>PNM</b>	<b>31</b>
BA	15
PV	15
WT	1
<b>PSCO</b>	<b>20</b>
BA	10
PV	10

BA	Sum of Hybrid Count
<b>SRP</b>	<b>12</b>
BA	6
PV	6
<b>TEPC</b>	<b>4</b>
PV	4
<b>WACM</b>	<b>1</b>
BA	1
<b>WALC</b>	<b>2</b>
BA	1
PV	1



# Hybrids by Area and MW

Balancing Authority <input type="text"/>	Nameplate Hybrid MW
AESO	3,479.50
AVRN	202.00
AZPS	532.00
CISO	3,518.47
EPE	3,105.00
IPCO	240.00
LDWP	509.60
NEVP	34,766.90
NWMT	202.23
PACE	2,492.00
PACW	98.90
PNM	2,332.86
PSCO	3,183.00
SRP	2,168.00
TEPC	282.00
WACM	200.00
WALC	470.00
<b>Grand Total</b>	<b>57,782.46</b>



# Hybrids by Area, Unit Type, and Nameplate MW

BA & Unit Type	Sum of Nameplate MW
<b>AESO</b>	<b>3,479.50</b>
BA	1,409.20
GT	48.00
HY	26.00
PV	1,301.30
WT	695.00
<b>AVRN</b>	<b>202.00</b>
BA	41.00
PV	161.00
<b>AZPS</b>	<b>532.00</b>
BA	266.00
PV	266.00
<b>CISO</b>	<b>3,518.47</b>
BA	1,676.86
PV	1,796.81
WT	44.80
<b>EPE</b>	<b>3,105.00</b>
BA	1,615.00
PV	1,490.00

BA & Unit Type	Sum of Nameplate MW
<b>IPCO</b>	<b>240.00</b>
PV	240.00
<b>LDWP</b>	<b>509.60</b>
PV	509.60
<b>NEVP</b>	<b>34,766.90</b>
BA	17,161.95
PV	16,604.95
WT	1,000.00
<b>NWMT</b>	<b>202.23</b>
BA	40.88
PV	161.35
<b>PACE</b>	<b>2,492.00</b>
BA	1,148.00
PV	1,344.00
<b>PACW</b>	<b>98.90</b>
WT	98.90

BA & Unit Type	Sum of Nameplate MW
<b>PNM</b>	<b>2,332.86</b>
BA	852.95
PV	1,429.91
WT	50.00
<b>PSCO</b>	<b>3,183.00</b>
BA	1,048.00
PV	2,135.00
<b>SRP</b>	<b>2,168.00</b>
BA	958.00
PV	1,210.00
<b>TEPC</b>	<b>282.00</b>
PV	282.00
<b>WACM</b>	<b>200.00</b>
BA	200.00
<b>WALC</b>	<b>470.00</b>
BA	235.00
PV	235.00



# Project Inventory

## 2026 Jan EIA860M Planned Inventory Review

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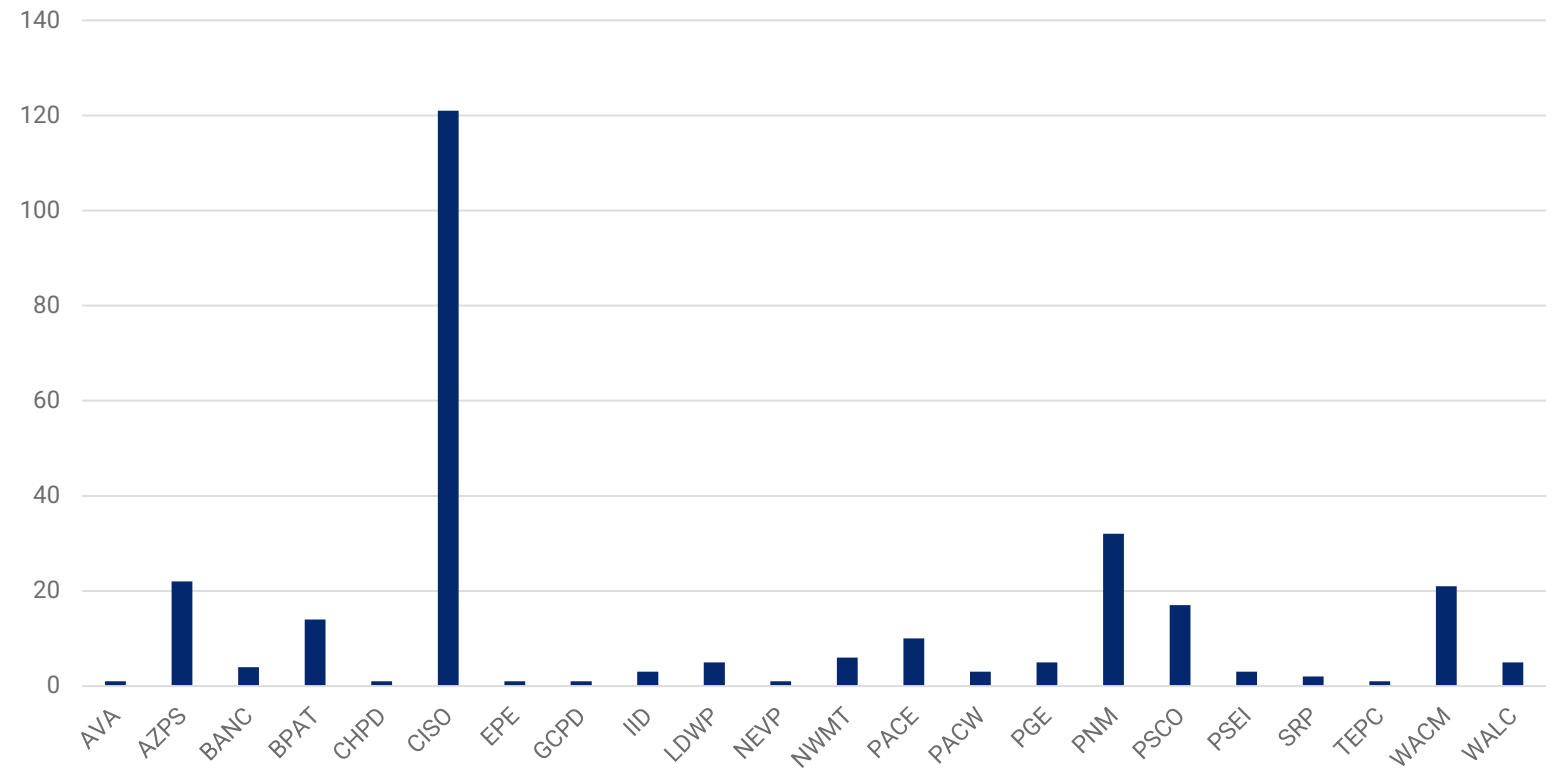
- Reviewed the planned inventory of the EIA860M from Jan. 2026.
- Upon comparing with the 2026 L&R resource list, 279 projects could not be mapped from the EIA planned list to the L&R resource list.
- Majority of these unmapped projects from the EIA list were solar and battery units, primarily in the CISO and the Rocky Mountain/Southwest region (PSCO, WACM, PNM, AZPS).
- These might align/map with the 'Generic' or IRP projects in the 2026 L&R resource list.
- Just over half of the projects still have regulatory approvals either pending or not initiated.



# Total Number of Unmapped Planned Projects by Area

Area	Total Projects
AVA	1
AZPS	22
BANC	4
BPAT	14
CHPD	1
CISO	121
EPE	1
GCPD	1
IID	3
LDWP	5
NEVP	1
NWMT	6
PACE	10
PACW	3
PGE	5
PNM	32
PSCO	17
PSEI	3
SRP	2
TEPC	1
WACM	21
WALC	5

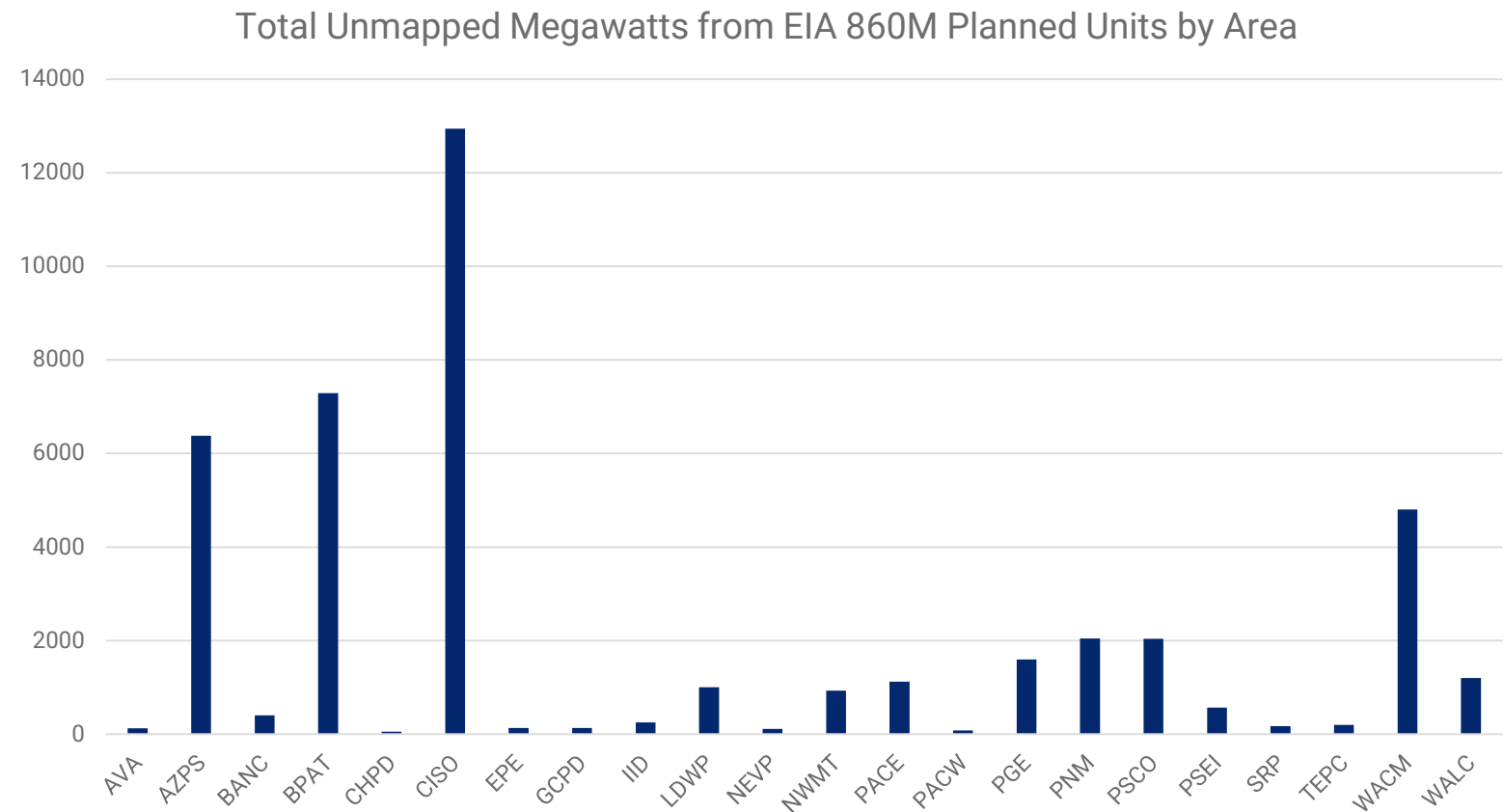
Total Number of Unmapped Planned Projects from EIA860M Planned List by Area





# Megawatt Capacity of Unmapped Planned Projects by Area

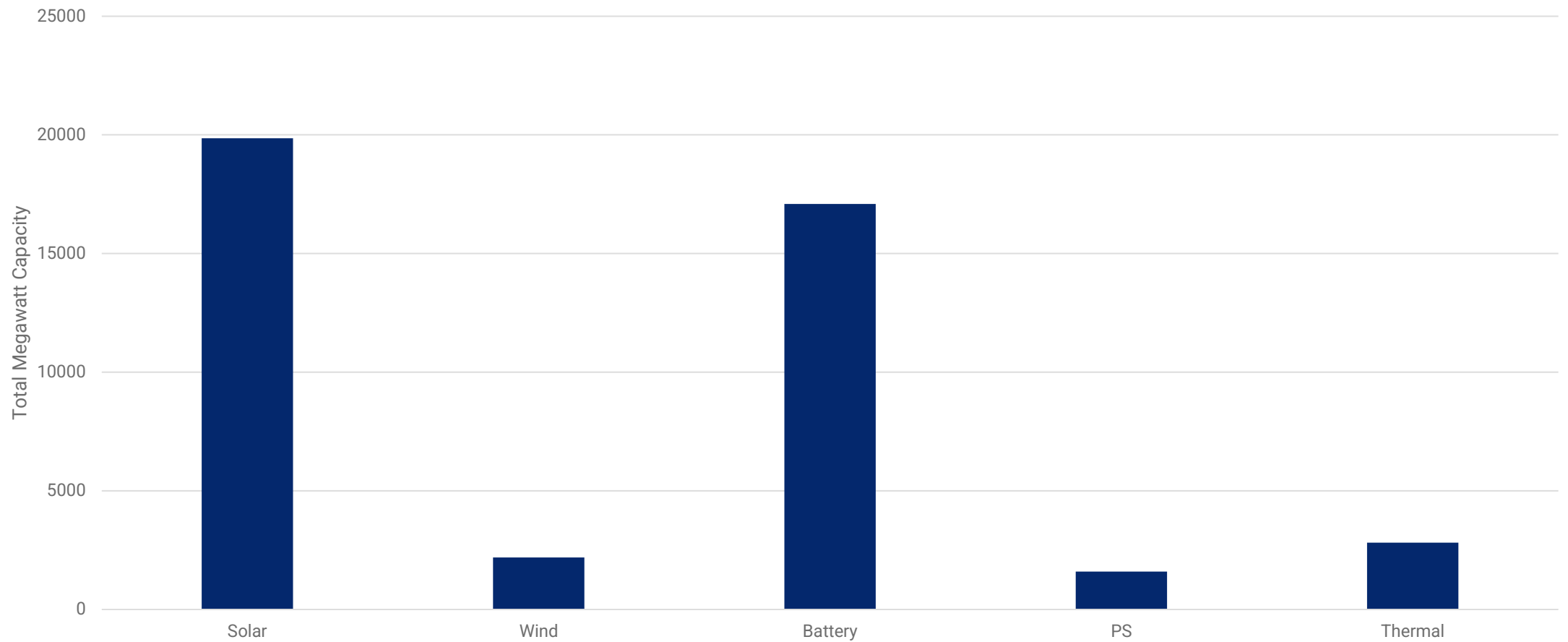
Area	Total Megawatts
AVA	126
AZPS	6380
BANC	400
BPAT	7288
CHPD	50
CISO	12945
EPE	130
GCPD	130
IID	250
LDWP	1001
NEVP	113
NWMT	930
PACE	1120
PACW	78
PGE	1594
PNM	2044
PSCO	2035
PSEI	570
SRP	170
TEPC	200
WACM	4802
WALC	1200





# Share of Unmapped Capacity by Subtype

Share of the Unmapped MW Capacity from the EIA860M Planned List by Subtype

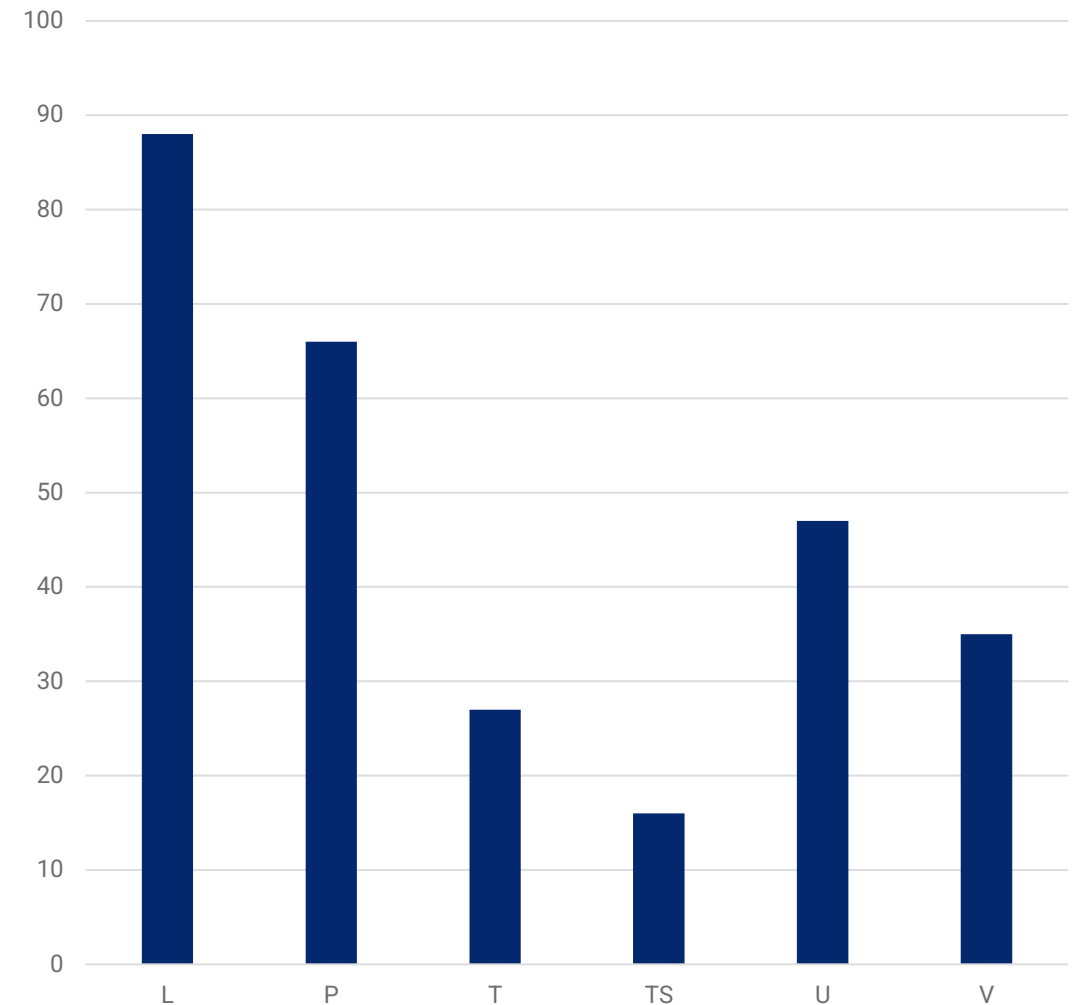




# Share of the Statuses

- L – Regulatory approvals pending; not under construction
- P – Planned for installation, but regulatory approvals not initiated
- T – Regulatory approvals received; not under construction
- TS – Construction complete, but not yet in commercial operation
- U – Under construction, less than or equal to 50% complete
- V – Under construction, more than 50% complete

Share of the statuses of the unmapped projects from the EIA860M

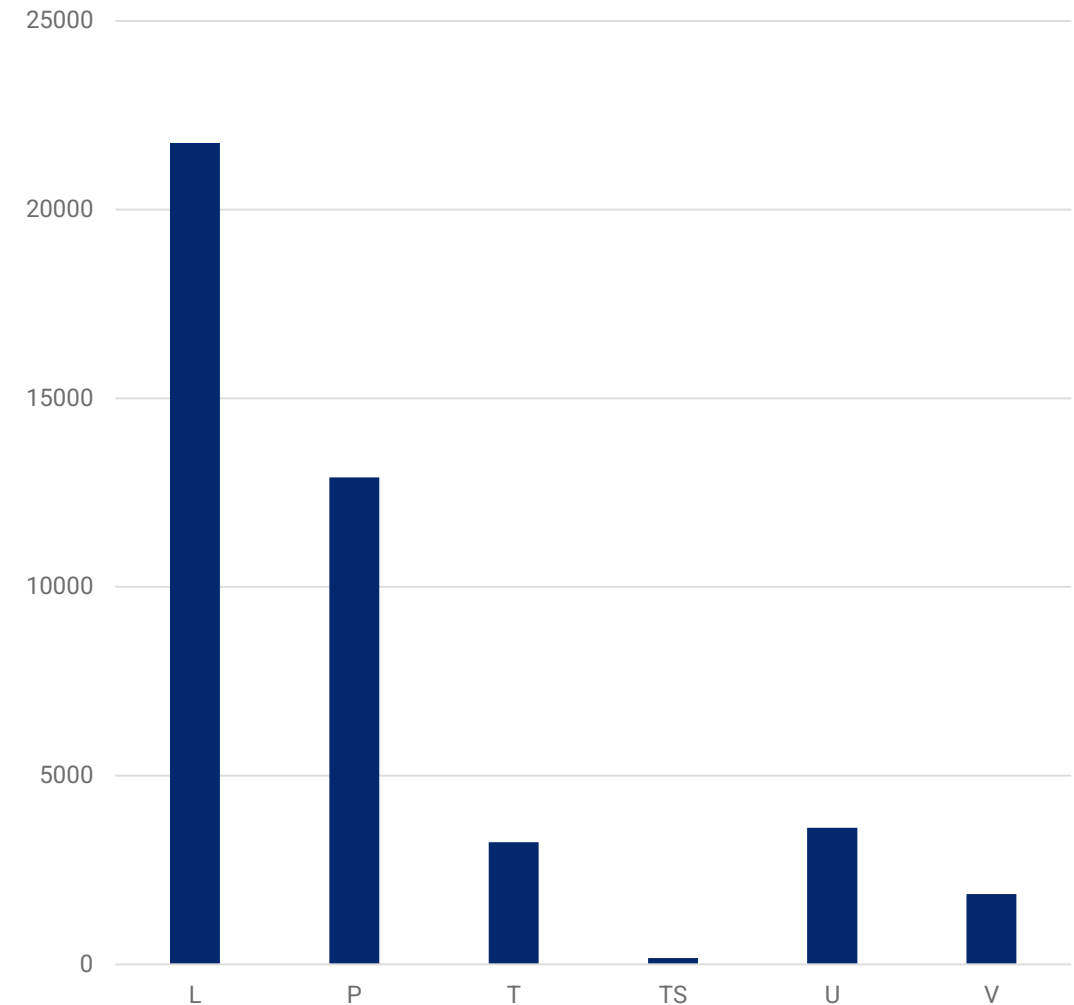




# Share of the Statuses by MW Capacity

- L – Regulatory approvals pending; not under construction
- P – Planned for installation, but regulatory approvals not initiated
- T – Regulatory approvals received; not under construction
- TS – Construction complete, but not yet in commercial operation
- U – Under construction, less than or equal to 50% complete
- V – Under construction, more than 50% complete

Share of the statuses of the unmapped projects (MW capacity) from the EIA 860M



# Projects Under Construction

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- Stephen's Under Construction Project List (Interconnection Queue)
  - Spreadsheet
    - Compared to power flow
    - Compared to L&R 2026



# NERC and WECC Definitions



## NERC Class Codes

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- EC Existing – Certain; existing units that meet one of the following criteria:
    - Unit has firm capability and a Power Purchase Agreement (PPA) with firm transmission
    - Unit is classified as a Designated Network Resource
    - Unit is a designated market resource eligible to bid into the market
  - EO Existing – Other; existing units that do not meet any of the criteria for EC
  - RE Retired; permanently removed from commercial operation
  - MB Mothballed; inactive or on standby but available for commercial operation
- Generation Additions



# NERC Class Codes

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- T1 Tier 1; units that meet at least one of the following criteria:
  - Status Code is RC
  - Construction complete, not in commercial operation
  - Under construction
  - Signed/approved Interconnection Service Agreement (ISA)
  - Signed/approved Power Purchase Agreement (PPA)
  - Signed/approved Interconnection Construction Service Agreement (CSA)
  - Signed/approved Whole Market Participant Agreement (WMPA)
  - Included in an integrated resource plan or under a regulatory environment that mandates a resource adequacy requirement (for Vertically Integrated Entities)



# NERC Class Codes

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- T2 Tier 2; units that do not meet any of the criteria for Tier 1 but that meet one of the following criteria:
  - Status Code is RU
  - Feasibility study complete
  - System impact study complete
  - Facilities study complete
  - Interconnection Service Agreement requested Included in an integrated resource plan or under a regulatory environment that mandates a resource adequacy requirement (for RTOs and ISOs)
- T3 Tier 3; units that do not meet any of the criteria for Tier 1 or Tier 2
- CL Cancelled; units previously reported that have been cancelled or indefinitely postponed



# NERC Status Codes

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- P – Planned for installation but not under active construction
- L – Regulatory approval pending but not under active construction (started site preparation)
- T – Regulatory approval received but not under active construction
- U – Under active construction, less than or equal to 50% complete (based on construction time to first electric date)
- V – Under active construction, more than 50% complete (based on construction time to first electric date)
- TS – Construction completed but not yet in commercial operation (including low power testing of nuclear units)
- A – Generator capability increased (rerated or relicensed)
- D – Generator capability decreased (rerated or relicensed) (note reason in comments field)
- M – Generator to be put in deactivated shutdown status
- RA – Previously retired or deactivated generator planned for reactivation
- RC – Retirement, committed
- RU – Retirement, uncommitted
- FC – Existing generator planned for conversion to another fuel or energy Source
- IP – Indefinitely postponed
- CO – Change of ownership (including change of shares of jointly owned units)



## 2036 ADS V2.0 Definitions

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- L&R Based – Only LnR units enabled
  - “2036 ADS PCM V2.0 LnR”
- 2a – Only PF enabled
  - “2036 ADS PCM V2.0 PF Only (2a)”
- 2b – PF units enabled with some L&R units turned on to relieve USE
  - “2036 ADS PCM V2.0 PF Only with L&R for USE (2b)”



**ENGAGE WITH WECC**





# WECC



[engage@wecc.org](mailto:engage@wecc.org)



[www.wecc.org](http://www.wecc.org) | 801-582-0353



155 N 400 W, Salt Lake City, Utah 84103, USA