

**INTERMOUNTAIN POWER AGENCY  
BOARD OF DIRECTORS MEETING  
MARCH 5, 2024**

**MINUTES**

A meeting of the Intermountain Power Agency (IPA) Board of Directors was held on March 5, 2024, at the Los Angeles Marriott Burbank Airport located at 2500 North Hollywood Way, Burbank, CA, 91505, as well as via Zoom virtual meeting. The following participated:

**BOARD MEMBERS PRESENT**

Nick Tatton  
Eric Larsen  
Allen Johnson  
Mark Montgomery  
Bruce Rigby  
Joel Eves

**BOARD MEMBERS NOT PRESENT**

Jason Norlen

**OTHERS IN ATTENDANCE**

Cameron Cowan	IPA
Blaine Haacke	IPA
Linford Jensen	IPA
Vance Huntley	IPA
Cody Combe	IPA
Michelle Miller	IPA
Ryleigh Hair	IPA – Virtual
Saif Mogri	IPA Consultant
Eric Bawden	Holland & Hart
Mark Buchi	Holland & Hart – Virtual
Scott Hughes	Hurricane - Virtual
Tom Cooper	Hyrum - Virtual
Sean Lewis	Ephraim – Virtual
John Ward	John Ward Inc
Greg Huynh	LADWP
Lori Morrish	LADWP
Louis Ting	LADWP
Melia Asucan	LADWP - Virtual
Kevin Peng	LADWP – Virtual
Gabriela Huizar	LADWP – Virtual

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Alex Kang	LADWP - Virtual
Rob Hughes	Parsons, Behle & Latimer

### **INTRODUCTIONS AND ANNOUNCEMENTS**

The meeting commenced at 12:15 p.m. conducted by Chair, Nick Tatton. Mr. Tatton welcomed everyone to the meeting and introduced all who were attending and declared a quorum was present.

### **IPA BOARD CHAIR ITEMS**

Mr. Tatton said he met with members of the Board along with Mr. John Ward about scheduling a time for the Board to do a Legislative visit to Washington, DC. Mr. Ward is doing some research on this visit and will get back to the Board.

Mr. Tatton said he had a good discussion with Mr. Kevin Peng about additional future opportunities at the IPP site. In the next month or so, Mr. Peng will be meeting with the members of UAMPS to discuss the options available.

### **BOARD COMMITTEE REPORTS**

There were none.

### **OPERATING AGENT AND PROJECT MANAGER REPORT AND Q&A**

Mr. Tatton said Mr. Huynh, Operating Agent, and Ms. Morrish, Project Manager, are available to answer any questions the Board may have.

Mr. Huynh spoke about the process to choose the new leadership positions at IPSC. The interview process went really well. Mr. Huynh thanked Mr. Finlinson, his staff at IPSC, and the IPA Board for their support in this process.

Mr. Rigby and Mr. Larsen said it was a very thorough and impressive process.

Mr. Eves said after listening to the safety report in the CC meeting earlier today, he wondered how the safety is going on the Renewal Project. Ms. Morrish said it is going well. Ms. Morrish said any safety issues or reports will be given in the subcommittee meeting. Ms. Morrish said corrections have been made to vendors who are not complying with the correct safety practices. Ms. Morrish said she will bring the statistics to the next board meeting.

### **POTENTIAL CONSIDERATION OF CLOSED MEETING FOR THE FOLLOWING PURPOSE:**

**DISCUSSION OF A BUSINESS DECISION, THE DISCLOSURE OF WHICH  
COULD CAUSE COMMERCIAL INJURY TO OR CONFER A COMPETITIVE  
ADVANTAGE UPON A POTENTIAL OR ACTUAL COMPETITOR OF IPA**

Mr. Tatton asked for a motion to move into a Closed Meeting to discuss a business decision, disclosure of which could cause commercial injury to or confer a competitive advantage upon a potential or actual competitor of IPA identified on the March 5, 2024, agenda. This meeting will be held in this room on March 5, 2024, at 1:54 p.m. at the Los Angeles Marriott Burbank Airport Hotel, located at 2500 N Hollywood Way, Burbank, CA 91505.

**Mr. Rigby made a motion to move into a Closed Meeting. Mr. Eves seconded the motion. A vote by all Board members participating in the meeting was taken, and the vote was unanimous in the affirmative. The meeting moved into a Closed Meeting at 12:26 p.m.**

**BOARD MEMBERS PRESENT AND VOTED IN FAVOR OF THE  
CLOSED MEETING:**

**Nick Tatton – Chair  
Joel Eves – Vice-Chair  
Eric Larsen – Secretary  
Allen Johnson – Treasurer  
Mark Montgomery  
Bruce Rigby**

**BOARD MEMBERS NOT PRESENT:**

**Jason Norlen**

**OTHERS IN ATTENDANCE AT THE CLOSED MEETING:**

<b>Cameron Cowan</b>	<b>IPA</b>
<b>Blaine Haacke</b>	<b>IPA</b>
<b>Linford Jensen</b>	<b>IPA</b>
<b>Vance Huntley</b>	<b>IPA</b>
<b>Cody Combe</b>	<b>IPA</b>
<b>Michelle Miller</b>	<b>IPA</b>
<b>Ryleigh Hair</b>	<b>IPA – Virtual</b>
<b>Saif Mogri</b>	<b>IPA Consultant</b>
<b>Isaac Jones</b>	<b>Enterprise – Virtual</b>
<b>Sean Lewis</b>	<b>Ephraim - Virtual</b>

<b>Eric Bawden</b>	<b>Holland &amp; Hart</b>
<b>Mark Buchi</b>	<b>Holland &amp; Hart – Virtual</b>
<b>Scott Hughes</b>	<b>Hurricane – Virtual</b>
<b>Tom Cooper</b>	<b>Hyrum - Virtual</b>
<b>Lori Morrish</b>	<b>LADWP</b>
<b>Greg Huynh</b>	<b>LADWP</b>
<b>Louis Ting</b>	<b>LADWP</b>
<b>Melia Asucan</b>	<b>LADWP – Virtual</b>
<b>John Ward</b>	<b>John Ward Inc.</b>
<b>Rob Hughes</b>	<b>Parsons - Virtual</b>

Mr. Tatton deemed the Board out of the Closed Meeting at 12:40 p.m. and said the Open Meeting will reconvene at 12:40 p.m. to address the IPA Business and complete the remaining Board agenda items.

**RESOLUTION IPA-2024-004 CONSIDERATION OF AUTHORIZATION TO  
EXECUTE COAL SUPPLY AGREEMENT NO 24-004, COAL  
TRANSPORTATION AGREEMENT NO. 24-005, AND A RAILCAR LEASE NO.  
24-006**

Mr. Tatton asked Mr. Huynh to provide a description of Resolution IPA-2024-004. Mr. Huynh provided the description of the Coal Supply Agreement No. 24-004, the Coal Transportation Agreement No. 24-005, and a Railcar Lease No. 24-006 and asked if there were any questions. Hearing none, Mr. Tatton asked for a motion to approve Resolution IPA-2024-004.

**Mr. Rigby made a motion to approve Resolution IPA-2024-004. Mr. Larsen seconded the motion. A vote by all Board members participating in the meeting was taken and the vote was unanimous in the affirmative.**

**RESOLUTION IPA-2024-005 CONSIDERATION OF AUTHORIZATION TO  
EXECUTE FUEL AND ASSET MANAGEMENT AGREEMENT**

Mr. Tatton asked Mr. Huynh to provide a description of Resolution IPA-2024-005. Mr. Huynh provided the description of the Fuel and Asset Management Agreement and asked if there were any questions. Hearing none, Mr. Tatton asked for a motion to approve Resolution IPA-2024-005.

**Mr. Montgomery made a motion to approve Resolution IPA-2024-005. Mr. Johnson seconded the motion. A vote by all Board members participating in the meeting was taken and the vote was unanimous in the affirmative.**

**RESOLUTION IPA-2024-006 CONSIDERATION OF AUTHORIZATION TO  
EXECUTE ONE OR MORE BASE NAESB CONTRACTS AND ONE OR MORE  
FORWARD PURCHASE CONTRACTS**

Mr. Tatton asked Mr. Huynh to provide a description of Resolution IPA-2024-006. Mr. Huynh provided the description of the Base NAESB Contracts as well as the Forward Purchase Contracts and asked if there were any questions. Hearing none, Mr. Tatton asked for a motion to approve Resolution IPA-2024-006.

**Mr. Johnson made a motion to approve Resolution IPA-2024-006 adding that the price cap was established in the Closed Session today and the Operating Agent does not have the authority to purchase gas above the price cap. Mr. Eves seconded the motion. A vote by all Board members participating in the meeting was taken and the vote was unanimous in the affirmative.**

**ENGINEERING REPORT**

Mr. Mogri, IPA's Engineering Consultant, provided a detailed report on the NERC 2023 Long Term Reliability Assessment as of March 5, 2024, including the Risk Area 2024-2028, the Assumptions, the Capacity and Energy Risk Assessment, Change in Summer Peak Capacity and Demand Forecast 2012-2032, the WECC Assessment, Elevated Risk Areas impacting the BPS, the California Risk Assessment, the Northwest Risk Assessment, the Margins NW 2023, the Definitions, the Northwest Margin Assessment, the Tier 1, 2 and 3 Resources, the NW MW Generation Chart 2024 -2033, and the Trends, Conclusions and Recommendations.

Mr. Tatton asked Mr. Mogri what makes up the 19 GW of resources planned to retire from 2023-2034.

Mr. Cowan asked Mr. Mogri what constitutes Hybrid energy.

Mr. Mogri said he would provide the Board with the answers in a follow-up email.

Mr. Mogri asked the Board for questions. There were none.

Mr. Tatton thanked Mr. Mogri for the report.

Report attached below.

Mr. Norlen joined the IPA Board meeting at 12:55 p.m.

**REPORT ON PUBLIC RELATIONS/MEDIA ATTENTION**

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Mr. Ward, IPA's Public Relations Consultant, gave the Board the Public Relations/Media Update on the Renewal Project as of March 5, 2024.

Mr. Ward said the Media Communications is currently under way. The near-term activities include the following: and the monthly project update advertisements in the Millard County Chronicle-Progress, videos and handouts were produced for the IPA Annual meeting in December, clickable advertising in Utah Policy newsletter during recently concluded legislative session, IPP Renewed website including frequently updated time-lapse video, and launching of the new digital newsletter, Powerlines. Powerlines now targets an IPP Participant Audience including Utah mayor, city councils, power boards, California and REA participant representatives. Powerlines is published twice monthly and features IPA stories, IPP Renewed Project updates, and clickable links to energy and environmental items of interest.

Mr. Ward said the In Person Outreach Opportunities include the following: Editorial Board briefings with the Salt Lake Tribune, KSL, Deseret News prior to the 2024 legislative session. The exhibits completed in 2023 included the Utah Republican Organizing Convention in April 2023, the Utah League of Cities and Towns Annual Meeting in September 2023, and One Utah Summit in Cedar City in October 2023. The exhibits scheduled for 2024 include the One Utah Summit in April 2024, and the Utah League of Cities and Towns convention in April 2024.

Mr. Ward covered several selected media articles and discussed them in depth with the Board. Mr. Ward is having IPA email his presentation with the media links to the Board upon conclusion of his report.

Mr. Ward reviewed with the Board the many different meanings of the word Hydrogen - Clean vs Green and Fuel vs Energy Storage. Mr. Ward explained that IPP Renewed will utilize clean hydrogen produced by renewable energy powered electrolysis. IPP Renewed will use clean hydrogen stored in geologic salt caverns for seasonal, dispatchable renewable energy storage on a scale far exceeding the capability of batteries.

Mr. Ward asked the Board for questions. There were none.

Mr. Tatton thanked Mr. Ward for the report.

Report attached below.

**OTHER BUSINESS**

There was none.

**ADJOURN**

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Mr. Tatton thanked everyone for their comments.

Mr. Tatton asked for a motion to adjourn.

**Mr. Montgomery made a motion to adjourn. Mr. Eves seconded the motion. A vote by all Board members participating in the meeting was taken and the vote was unanimous in the affirmative. The meeting was adjourned at 1:19 p.m.**

**TIME AND PLACE OF NEXT SCHEDULED MEETING**

Monday, April 15, 2024, 1:00 p.m., (MDT) at the IPA Offices located at 10653 South, River Front Parkway, South Jordan, UT 84095.

Minutes taken by Michelle Miller.

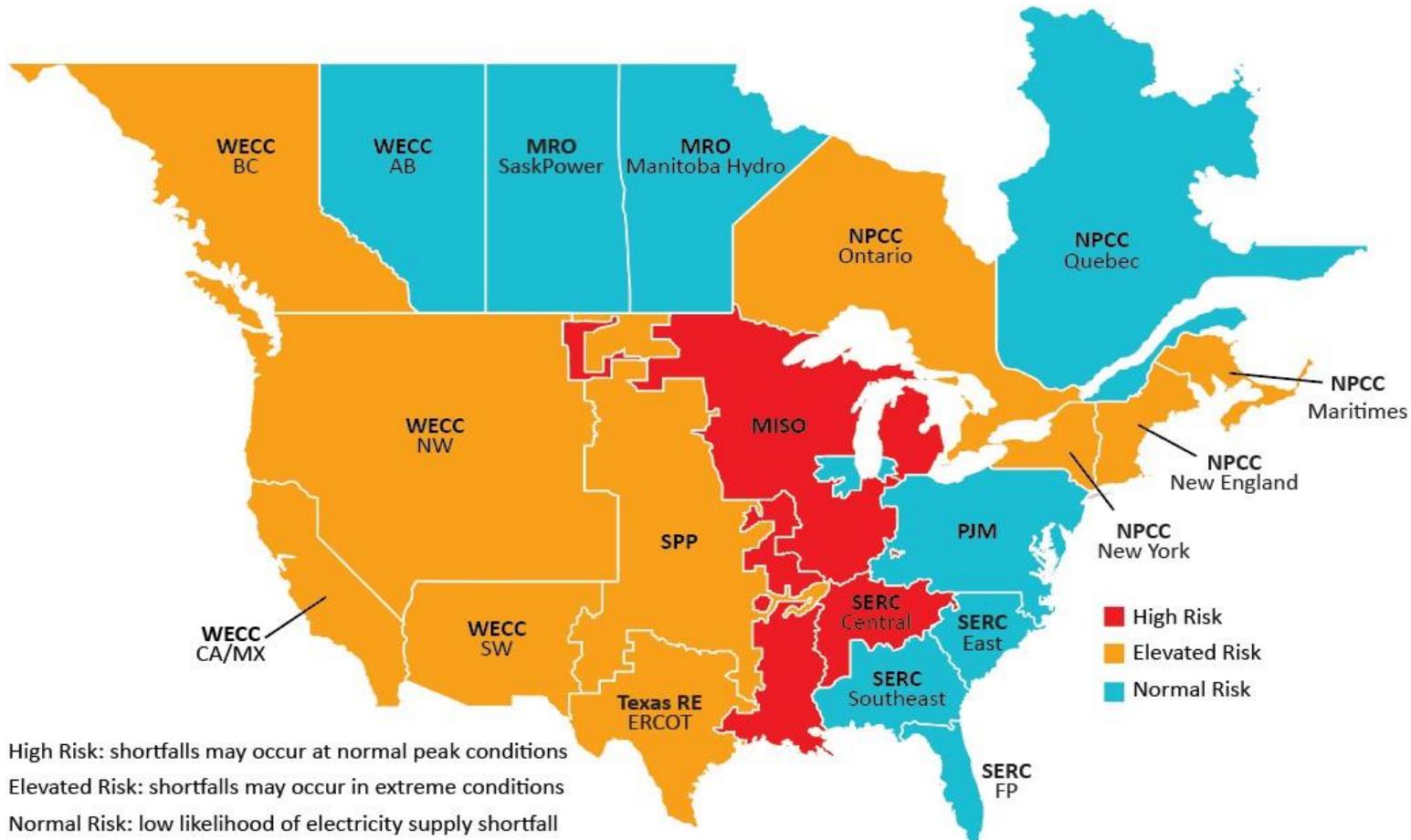
# NERC 2023 Long Term Reliability Assessment

Saif Mogri

IPA Board Meeting

March 5, 2024

# Risk Area Summary 2024–2028



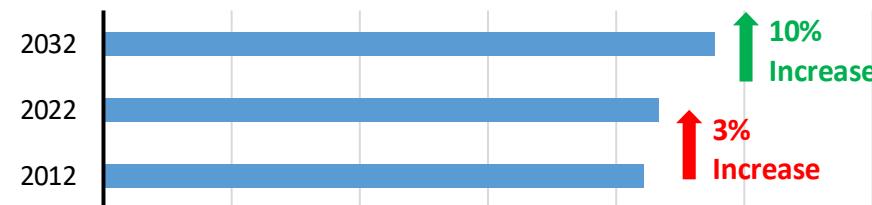
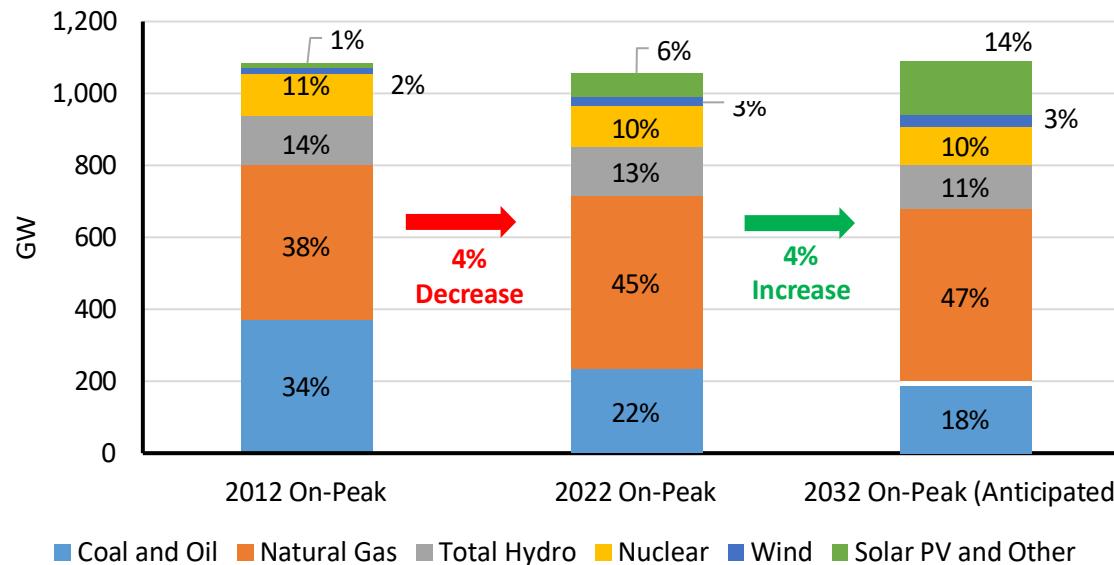
# ASSUMPTIONS

- Supply and demand projections are based on industry forecasts submitted and validated in July 2023. Any subsequent demand forecast or resource plan changes may not be fully represented; however, updated data submitted throughout the report drafting time frame have been included where appropriate.
- Peak demand is based on average peak weather conditions and assumed forecast economic activity at the time of submittal. Weather variability is discussed in each Regional Entity's self- assessment.
- Generation and transmission equipment will perform at historical availability levels.
- Future generation and transmission facilities are commissioned and in service as planned, planned outages take place as scheduled, and retirements take place as proposed.
- Demand reductions expected from dispatchable and controllable DR programs will yield the forecast results if they are called on.
- Other peak demand-side management programs, such as energy efficiency (EE) and price-responsive DR, are reflected in the forecasts of total internal demand

# Capacity and Energy Risk Assessment

- Potential Electricity Shortfalls
- Normal and Extreme Weather Conditions
- Forward Looking Snapshot of Resource Adequacy
- Industry forecasts of electricity supplies, demand, and transmission development

# Change in Summer Peak Capacity and Demand Forecast 2012–2032



# WECC Assessment

- Demand and Resource Variability Continue Increasing
- Increased DER's in Distribution System
- Normal Conditions – Demand and Resource Variability is Balanced across the area
- Extreme Summer Temperatures – Stressed the Interconnections

# Elevated Risk Areas Impacting the BPS

- Extreme Weather Conditions
- Prolonged Severe Weather Conditions
- Generators that are not designed or prepared for severe cold or heat can be forced off-line in increasing amounts.
- Wide area weather events can also impact multiple balancing and transmission operations simultaneously that limit the availability of transfers.
- Fuel production or transportation disruptions could limit the amount of natural gas or other fuels available for electricity generation.
- Wind, solar, and other variable energy resource (VER) generators are dependent on the weather.

# California Risk Assessment

- Near Term Capacity Risks Alleviated
  - Resource Additions
  - Generator Uprating
  - Service Extensions
- Risks of Unserved Energy and Loss of Load Negligible in 2024
- Above Risks Emerge in 2026
- Anticipated Reserve Margins Continue to Rise from previous LTRA's

# Northwest Risk Assessment

- Risk of Resource Shortfalls after 2024
- Projected to have Sufficient Capacity to meet Peak Demand
- Risk is in Extreme Summer Conditions
- Generation Declines Starting in 2026

# Margins NW

## 2023

Quantity	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033
Anticipated Reserve Margin (%)	42.10%	40.20%	42.50%	39.30%	30.90%	33.80%	31.10%	28.60%	7.00%	12.50%
Prospective Reserve Margin (%)	42.50%	41.20%	44.60%	41.50%	32.90%	36.10%	33.50%	30.90%	9.10%	14.70%
Reference Margin Level (%)	18.90%	18.90%	17.60%	17.60%	17.40%	16.80%	16.50%	16.40%	16.50%	16.30%

# Definitions

- ARM – (Anticipated Resources-Net Internal Demand)/(Net Internal Demand)
- PRM – (Prospective Resources-Net Internal Demand)/(Net Internal Demand)
- RML – Depends on the Assessment Area.  
WECC is based on LOLP Less than 0.02%,  
approximately 1 day in ten years loss of load

# NW Margin Assessment

- ARM falls below the RML for the peak hour starting in summer 2032
- Remains Insufficient with addition of Tier 2 Resources
- 5 GW Planned for Retirement between 2029-32
- 19 GW of Planned Retirement between 2023-34 is resulting in increased LOLH

# Tier 1 Resources

- Planned capacity that meets at least one of the following requirements is included as anticipated resources:
  - Construction complete (not in commercial operation)
  - Under construction
  - Signed/approved Interconnection Service Agreement (ISA)
  - Signed/approved Power Purchase Agreement (PPA) has been approved
  - Signed/approved Interconnection Construction Service Agreement (CSA)
  - Signed/approved Wholesale Market Participant Agreement (WMPA)
- Included in an integrated resource plan or under a regulatory environment that mandates a resource adequacy requirement

# Tier 2 and 3 Resources

- Planned capacity that meets at least one of the following requirements is included as prospective resources:
  - Signed/approved Completion of a feasibility study
  - Signed/approved Completion of a system impact study
  - Signed/approved Completion of a facilities study
  - Requested Interconnection Service Agreement
  - Included in an integrated resource plan or under a regulatory environment that mandates a resource adequacy requirement (Applies to RTOs/ISOs)
  - Tier 3 - Units in an interconnection queue that do not meet the Tier 2 requirement.

## NW Generation MW

	2024	2029	2033
Coal	13883	9,272	7,675
Petroleum	285	279	279
Natural Gas	31,882	30,862	29,414
Biomass	775	671	656
Solar	8,373	9,883	9,767
Wind	4,864	5,058	4,928
Geothermal	910	858	467
Conventional Hydro	22,220	22,090	22,081
Pumped Storage	448	448	448
Nuclear	1,097	1,095	1,095
Hybrid	1,293	1,430	1,157
Other	78	77	77
Battery	824	1,440	1,705
<b>TOTAL</b>	<b>86,933</b>	<b>83,464</b>	<b>79,749</b>

# Trends Conclusions and Recommendations

- Electricity Peak Demand is on the Rise
- Transmission Projects are Increasing
- Add new Reliable Resources
- Impact of IBR's
- Make Existing Resources more Reliable
- Expand Transmission Networks
- Adapt BPS planning, operations, and resource procurement markets for a more complex power system



# IPP Renewed→



## **Public Relations UPDATE IPPA Board of Directors**

March 5, 2024

John Ward  
Intermountain Power Agency  
Communications Director  
[wardo@wardo.com](mailto:wardo@wardo.com)  
801-560-9801

# IPP Renewed<sup>→</sup>

## Monthly Project Update Ads Continuing in Millard County

### IPP Renewed<sup>→</sup>

The Intermountain Power Project

#### Construction Underway Scheduled Operation: 2025

Construction Progress	
Craft Workers on Site	762
Power Turbines	✓ Delivered
Earthwork Site Preparation	✓ Completed
Heat Recovery Steam Generator Structure	97% Complete
Generation Construction	26% Complete
Natural Gas Pipeline	✓ Completed

**IPP Renewed Will Use Less Water Than Existing Power Plant**

Water is one of Utah's most precious resources. For four decades, the Intermountain Power Project (IPP) has responsibly used water for its coal-fired generation and ensured that surplus water was used for local agriculture. Current water usage for the power plant is about 12,500 acre feet annually. With the completion of the IPP Renewed project, water usage by the new coal-fired generating units is projected to be only 6,500-acre feet annually.

IPP Renewed will also store renewable energy by converting water into hydrogen using electrolysis. Only 2,500 acre feet of water would be used annually to operate the new generating units on 100 percent hydrogen – still less than the amount of water being used today and far less than the power plant used at its peak.

**IPP Renewed and Water**

Reducing consumption of one of Utah's most precious resources

In 2012, prior to construction of the Intermountain Power Project, the Project acquired rights to use 37,000 acre feet of water per year. Additionally, the Project acquired rights to 15,500 acre feet of groundwater annually. These water sources were acquired at a cost significantly above their agricultural value. Because IPP Renewed will only use two of the originally anticipated four coal-fired generating units, and beneficially use 100 percent of the water for local agriculture, IPP will be a significant steward of the resource by leaving excess water in the ground and beneficially using it in every year of the Project's history.

Actual water usage at IPP is projected to be 29,000 acre feet annually. The Intermountain Power Project has already 5000 acre feet of water available for beneficial use by local agriculture by reducing excess water usage to agricultural use.

\*Actual water volumes available to the project vary from year to year depending on weather conditions. The average annual amount of surface water available from 2000 to 2012 was only 55,444 acre feet.

- Over \$3 Billion Investment in Utah
- 1,200 Jobs at Peak Construction
- Nearly 50% Less Annual Water Usage
- No State or Local Tax Support or Incentives
- Continues IPP's Role as a Major Employer and Taxpayer in Millard County

[www.ipprenewed.com](http://www.ipprenewed.com)

### IPP Renewed<sup>→</sup>

The Intermountain Power Project

#### Construction Underway Scheduled Operation: 2025

Construction Progress	
Craft Workers on Site	1,072
Power Turbines	✓ Delivered
Earthwork Site Preparation	✓ Completed
Heat Recovery Steam Generator Structure	97% Complete
Generation Construction	26% Complete
Natural Gas Pipeline	✓ Completed

**IPP's Customers**

For nearly 40 years, the Intermountain Power Project has supplied electricity to 100 percent of the rural electric cooperatives and 11 California municipalities. When the Utah municipalities no longer need all of the project's power, the California municipalities are obligated to take it – creating a firm source of revenue for Utah power producers. IPP Renewed will be a large-scale power resource, but only pay when they take the power.

Through the California municipalities, other customers of the project. Because all of the costs of the project are paid by the customers who buy the electricity, Utah power producers will benefit while California pays most of the bill.

Simply put, without California's need for electricity, the existing IPP would not exist. The new IPP Renewed project under construction now would not be possible.

IPP Renewed's multi-billion-dollar investment is benefiting Utah with nearly 1,200 construction jobs at peak and will provide significant tax revenue and tax payments to Utah and Millard County for many decades to come.

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### IPP Renewed<sup>→</sup>

The Intermountain Power Project

#### Construction Underway Scheduled Operation: 2025

Construction Progress	
Craft Workers on Site	807
Power Turbines	50% Installed
Earthwork Site Preparation	✓ Completed
Heat Recovery Steam Generator Structure	✓ Completed
Generation Construction	40% Complete
Natural Gas Pipeline	✓ Completed

**Fuel Supply Challenges**

Electricity generation at the Intermountain Power Project has set record lows in each of the past two years because of difficulties in obtaining enough coal to fuel the plant.

Over its nearly 40-year history, IPP has succeeded in purchasing coal from a variety of sources. Non-Utah coal has been added to the mix only four times – each time in response to Utah coal producers becoming unable to meet the demand for coal. The most recent addition of production challenges or major events such as the 2007 Crandall Canyon mine explosion and the 2010 Deepwater Horizon oil spill that halted production at those major sources completely.

Supply issues have become critical over the past several years, with the annual volumes of coal contracted for and not delivered to IPP Renewed exceeding 100 percent. Adequate supplies of coal have led IPP to frequently idle generating units and use erratic oil and load banks in order to conserve fuel for peak demand periods.

**History of IPA - Utah Coal Mine Contract Shortages**

Year	Shortages (Tons)
2015	0
2016	~1000
2017	~1500
2018	0
2019	~1000
2020	~1500
2021	0
2022	~1000

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[www.ipprenewed.com](http://www.ipprenewed.com)

### IPP Renewed<sup>→</sup>

The Intermountain Power Project

#### Construction Underway Scheduled Operation: 2025

Construction Progress	
Craft Workers on Site	1,000
Power Turbines	50% Installed
Earthwork Site Preparation	✓ Completed
Heat Recovery Steam Generator Structure	✓ Completed
Generation Construction	40.1% Complete
Natural Gas Pipeline	✓ Completed

**Construction Nears Peak Employment as IPP Renewed Remains on Schedule**

Construction is proceeding on schedule at IPP Renewed. More than 1,000 employees are working on the project, and 50% of the power turbines are installed, and Heat Recovery Steam Generator Structure and natural gas pipelines are completed. The new natural gas electricity generation and hydrogen-based energy storage facilities are set to begin providing commercial service by mid-2025.

Planning for IPP Renewed commenced more than a decade ago as a cooperative effort between the Utah municipalities that own IPP and Project partners serving parts of six states. Utilizing existing land, transmission systems, a skilled labor force, and a unique opportunity for geologic salt dome energy storage, and more, IPP Renewed is building new resources to meet the energy markets want while establishing Millard County as a world-recognized energy hub.

Visit [www.ipprenewed.com](http://www.ipprenewed.com) to view a time-lapse video of construction progress.

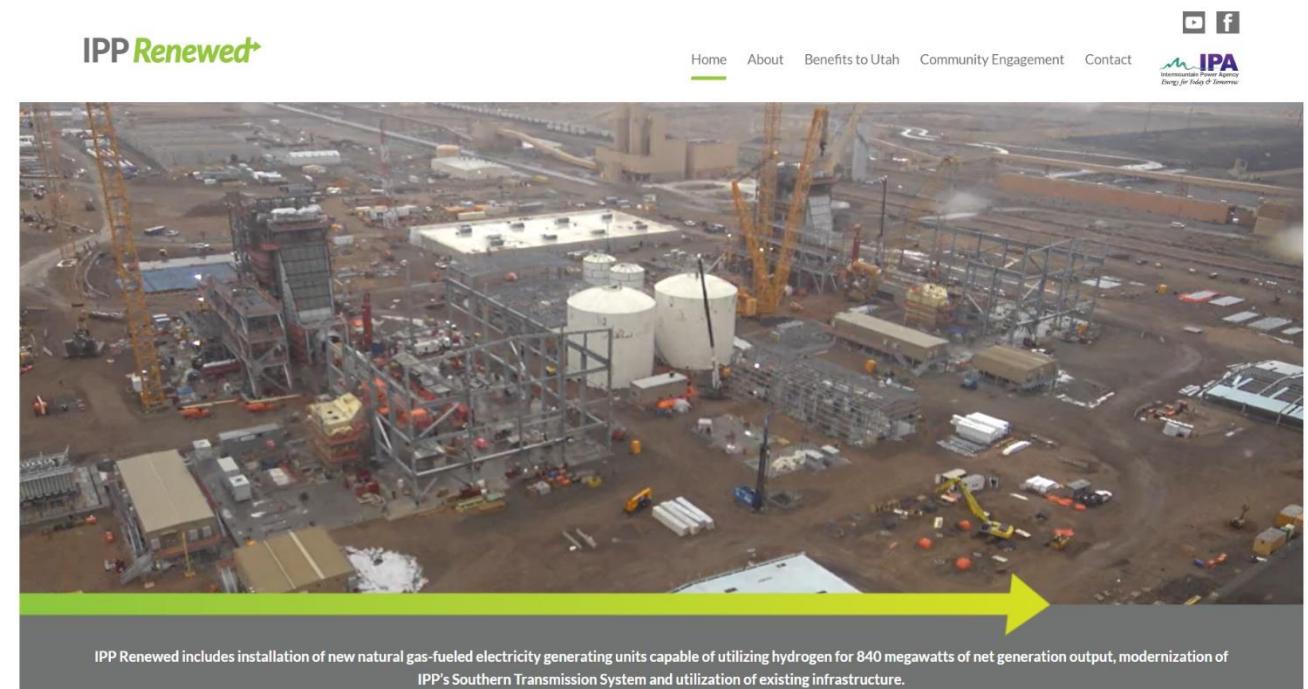
- Over \$3 Billion Investment in Utah
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- Continues IPP's Role as a Major Employer and Taxpayer in Millard County

[www.ipprenewed.com](http://www.ipprenewed.com)

# IPP Renewed

## Other Public Facing Communications

- Videos produced for IPA Annual Meeting in December
- Clickable advertising in *Utah Policy* newsletter during recently concluded legislative session
- IPP Renewed website including frequently updated time-lapse video



# IPP Renewed→

## New Digital Newsletter Launching

- IPP Participant Audience
  - Utah mayors, city councils, power boards
  - California and REA participant representatives
  - Selected external advocates
- Twice monthly
- Brief IPA feature stories, IPP Renewed project updates, and clickable links to energy and environment items of interest



# IPP Renewed →

## In-Person Outreach

- Editorial Board briefings with *Salt Lake Tribune* and *KSL/Deseret News* prior to 2024 legislative session
- 2023 Exhibits:
  - Utah Republican Organizing Convention - April 2023
  - Utah League of Cities and Towns Annual Meeting – September 2023
  - One Utah Summit – October 2023
- 2024 Exhibits
  - One Utah Summit – April 11-12, Salt Lake City
  - Utah League of Cities and Towns convention – April 17-19, St. George

# IPP Renewed→

## Selected News Media Coverage

- You — Utah taxpayers — could end up buying a coal plant as legislators advance IPP plan
  - <https://www.sltrib.com/news/2024/02/02/you-utah-taxpayers-could-end-up/>
- Tribune editorial: Utah lawmakers throw rocks at local governments rather than help them and their communities
  - <https://www.sltrib.com/opinion/editorial/2024/02/25/tribune-editorial-utah-lawmakers/>
- Opinion: Utah lawmakers are putting Utah's municipal power systems at risk
  - <https://www.sltrib.com/opinion/commentary/2023/11/30/opinion-utah-lawmakers-are-putting/-/>
- Uinta Basin coal production levels crashing as customer base dwindle
  - <https://www.spglobal.com/marketintelligence/en/news-insights/latest-news-headlines/uinta-basin-coal-production-levels-crashing-as-customer-base-dwindles-80114941>
- Market forces will decide the fate of coal, even as Utah tinkers with energy policy
  - <https://www.kuer.org/politics-government/2024-01-22/market-forces-will-decide-the-fate-of-coal-even-as-utah-tinkers-with-energy-policy>
- Understanding the US's massive hydrogen 'battery', coming up in Utah
  - <https://etn.news/buzz/usa-hydrogen-battery-utah>
- Revolutionizing Energy: Utah's Coal Plant Transforms into a Hydrogen Power Beacon
  - <https://bnnbreaking.com/world/us/revolutionizing-energy-utahs-coal-plant-transforms-into-a-hydrogen-power-beacon>

# IPP Renewed→

## From the Battle of “Words Matter”

- Hydrogen – “Clean” vs. “Green”
  - Winner: IPP Renewed will utilize **clean** hydrogen produced by renewable energy powered electrolysis
- Hydrogen – “Fuel” vs. “Energy Storage”
  - Winner: IPP Renewed will use clean hydrogen stored in geologic salt caverns for **seasonal, dispatchable renewable energy storage** on a scale far exceeding the capability of batteries