



HURRICANE CITY UTAH

Mayor

City Manager

Nanette Billings Kaden DeMille

Power Board

Mac J. Hall, Chair

Jerry Brisk

Pam Humphries

Dave Imlay

Joseph Prete

Charles Reeve

Power Board Meeting Agenda

January 25, 2022

3:00 PM

Power Department Meeting Room – 526 W 600 N

Notice is hereby given that the Power Board will hold a Regular Meeting in the Power Department Meeting room located at 526 W 600 N, Hurricane, UT. A silent roll call will be taken, along with the Pledge of Allegiance and prayer by invitation.

Pledge of Allegiance

Prayer

Staff Reports

1. Scott Hughes - Power Director
2. Brian Anderson - Transmission & Distribution Superintendent
3. Michael Ramirez - Service Superintendent
4. Jared Ross - Substation & Generation Superintendent

Old Business

1. Mutual Aid Agreement update
2. DAQ EV Charging Grant update

New Business

1. UAMPS Various Project updates
2. Budget

Staff Reports

Scott Hughes/Power Director

Announcements:

- Welcome Councilman Joseph Prete
- Welcome Planning Employee (Stephen or Fred)
- Introduce Tyson to Board
- Public Power Breakfast
- UAMPS Workshop
- RP3 Designation

Brian Anderson/Transmission & Distribution Superintendent

600 N. Transmission Project

- Most Poles Set
- Hanging Arms
- Clipping in Some Conductors
- Will be Setting 40 & 41
- Continuing On

1150 W. Transmission Project

- Engineering
- Start Ordering Material
- Easements with Barry Thompson

2800 W. Transmission Project

- Road is Out-to-Bid
- Schedule Pole Line When Road Complete
- Check Into Crossing SR9

Cordero Project

- Developers Paid Down Payment
- Project Sent to Engineers
- Began Ordering Materials
- Schedule Work When Road is Aligned & Graded

Upcoming Projects: Balance of Nature, Southern Shores

Outage @ 100 N. 850 W.

Outage on BW 204

Outage on 400 S. 1780 W.

Michael Ramirez/ Service Superintendent

Long lead Times and Market Fluctuations-Developers asking for variances

Jared Ross/Substation & Generation Superintendent

Sky Mountain Substation

- Interstate Rock Finished Initial Grade and Over-Ex
- Line Crew Will be Setting 40A Soon
- Interstate Will be Working on Fill to Final Grade

Three Falls Substation

- Property Swap and Acquisition Complete
- Engineering Started
- Access Engineering Started
- Geotech Work to Start ASAP

Generator #9 & State Air Permit

- Price Increase on Generator
- Outlook for Natural Gas
- Air Quality Nuances

Old Business

Mutual Aid Agreement update

DAQ EV Charging Grant update

New Business

UAMPS

Pool Update

Steel Solar Update

Muddy Creek Update

Enchant Update

CFPP Update

Budget

Market Resource Policy

Background:

UAMPS provides energy services, to the Participants in the Pool Project, that integrates each Participant's load and resources into a total UAMPS load and resources for economy of scale transmission, scheduling and market services. Through the Power Exchange (PX) and the Unplanned Pool (UP), the Participants by, accessing the PX can manage their short or long resource position through their direct action. All Participants will use the UP to bring their hourly load-resource balance to zero. The PX buy – sell transactions are based upon UAMPS market position in the hour or hours that a Participant's transactions are posted.

The foundation of this service are its policies, as set from time to time by the Board of Directors.

The documents and policies, as listed below, currently influence the Pool either directly or indirectly:

1. Hunter II, San Juan, Firm Power, Payson, Horse Butte Wind, Veyo, and CRSP Power Sales Contracts and operating procedures.
2. Craig-Mona and the Central-St. George 138 kV Transmission Service Agreements.
3. The Pooling Agreement and associated appendices.
4. Transmission, Scheduling and Operating Agreement (ARTSOA) with PacifiCorp
5. Fiscal Budget 2022-23 Operating Budget.
6. Participants' Risk Policy

Components:

A. Planning.

- a. Load forecast of the UAMPS hourly load requirements.
- b. Resource forecast of the UAMPS hourly resource availability.
- c. Buy – sell forecast of the UAMPS hourly short or long position needed to bring the load-resource balance to zero Project Resources – all output of UAMPS' resources is assigned to the UAMPS Pool through a Pooling Appendix.

- B. PX.
 - a. Short term hourly purchases or sales, for the upcoming month, day ahead (DA) or real time (RT) basis.
 - b. Purchases by Participants will be priced at the weighted average cost of all DA and RT resources in the PX.
 - c. Sales by Participants will be confirmed day(s) ahead of scheduling day.
- C. UP.
 - a. After the fact buy – sell posting to bring Participant’s hourly load-resource balance to zero.
 - b. Participants short of hourly resource; purchase the amount of power necessary to bring their load-resource balance to zero. Pricing is the hourly weighted average of all surpluses, to UAMPS, resources.
 - c. Participants long of hourly resource; sell the amount of power necessary to bring their load-resource balance to zero. Pricing is the hourly weighted average of all surpluses, to UAMPS, resources.

Member Internal Generation (MIG):

- A. To better coordinate and avoid duplication of capacity needed for load balancing thus bring value to the Participants, MIG needs to adhere to the following procedures:
 - a. DA
 - i. provide operational availability by hour,
 - ii. declare operational commitment;
 - 1. to stand idle,
 - 2. to meet the Participant’s load, or
 - 3. offer to UAMPS for UAMPS system load.
 - iii. MIG trips or experience a forced outage shall notify UAMPS immediately.

Member Assigned Resources:

- A. Participants assigning resources to the UAMPS Pool need to adhere to the following procedure:
 - a. Submit resource hourly profile to UAMPS,
 - i. UAMPS will evaluate the resource’s hourly impact on the assigning Participants load-resource position.
 - ii. Assigned resources will be accessed an integration fee as follows;
 - 1. Fee of zero if the assigned resource does not result in the Participant having hourly surplus, otherwise a fee equal to the negative cost, if any, to UAMPS to accept the assigned resource
 - 2. Fee of zero if the assigned resource does not result in a negative impact to UAMPS resource schedules, otherwise a fee equal to the negative cost, if any, to UAMPS to accept the assigned resource



Summer 2022 Variables

- San Juan end date
- Enchant start date
- IPP callback amount
- Purchase amount

Market Prices			12/1/2021
Month	HLH	LLH	Flat
Apr-22	\$46	\$50	\$47
May-22	\$46	\$47	\$46
Jun-22	\$111	\$60	\$94
Jul-22	\$263	\$89	\$205
Aug-22	\$269	\$94	\$211
Sep-22	\$170	\$75	\$138
Season	\$151	\$69	\$124

IPP Projections	
C.F.	\$/MWh
65%	47.5
45%	58.0
35%	66.8