



POWER COMMISSION BOARD MEETING

MEETING MINUTES

May 2, 2017

1 .APPROVED

Kaysville City Power Commission Board held a special meeting beginning at 6:00 p.m. on Tuesday, May 2, 2017 followed by a regular Power Commission Board Meeting at 7:00 p.m. in the Council Room of the Kaysville City Municipal Center, 23 East Center Street, Kaysville, UT.

Present: Board Member Brok Thayn, Board Member Jordan Stephenson, Board Member Patrick Hein, Board Member Alan Farnes, Board Member John Loveless, City Council Member Susan Lee

Others Present: Power Superintendent Gary Hatch, Resource and Service Manager Bruce Rigby, Stacie Harward Administrative Assistant, Kelton Anderson- UAMPS, Jackie Coombs- UAMPS, Dean Storey – Kaysville City Financial Director, Jeff Dixon-CHP Working Group, John Guerra- Kaysville Resident, Deb Henry-Kaysville Resident, Gary Petersen-Kaysville Resident.

Excused: Co-Chairman Sean Chilcote

Opening Provided by Chairman Brok Thayn

Prayer Given by Jordan Stephenson

UAMPS Presentation

RESOURCE AVAILABILITY WITH UAMPS

Bruce Rigby introduced Jackie Coombs and Kelton Andersen from UAMPS (Utah Associated Municipal Power Systems). Jackie Coombs, Manager of Members Relations and Kelton Andersen, Director of Power Metrics. Jackie Coombs began with introducing what UAMPS is and gave an overview of what they do.

- Formed in 1980 under the Utah Interlocal Cooperation Act
- An energy services inter-local that provides electric services on a non-profit basis to its members.
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- Organized to develop, finance and operate projects for generation, transmission and energy services.
- Project-based organization which currently operates 16 separate projects.
- Project provide services more economically and efficiently by providing economy of scale.
- Each project operates independent from one another under the UAMPS umbrella.
- Not an “all requirements provider” which means members are not required to purchase their resource needs from UAMPS.
- Members determine whether to participate in projects and are not obligated to participate in any particular project.
- 46 members

- **6 States**

California
Idaho
Nevada
New Mexico
Utah
Wyoming

- **Resources**

CRSP Project
Provo River
Hunter Project
San Juan Project
Payson Power Project (NEBO)
Firm Power Supply Project
Pleasant Valley Wind
IPP Project
Natural Gas Project
Veyo Heat Recovery Project
Horse Butte Wind Project
Pool Project
Carbon Free Power Project

- **Transmission**

Central-St. George Project
Craig-Mona Transmission Project

- **Service**

Resource Project

Resource Investigation
Energy Efficiency Programs

Government & Public Affairs Project

Federal Issues
State and Local Issues

Member Services Project

APPA Dues
IPSA Dues
OSHA Training
Battery Test Set
Power Factor Test Set
Pole Test Sets (3)
Hazard Hamlet
RP3
Mutual Aid
Mobile Generator
Washington Generators
Hurricane Generators

Jackie went over the projects that Kaysville specifically participates in:

- **Hunter 2 Project**
 - It was acquired in 1980
 - Kaysville's Entitlement Share 8.7032% or 5,457 kW
- **San Juan Project**
 - It was acquired in 1994
 - Kaysville's Entitlement Share 4.2857% or 1,500 kW
- **IPP Project**
 - It is owned by Intermountain Power Project
 - Kaysville's Plant Entitlement is 0.739%
- **CRSP Project**
 - The Colorado River Storage Project is owned by the United States of America and operated by United States Bureau of Reclamation
 - Kaysville Entitlement Share
 - Winter Season 2.0306% or 2,573 kW
 - Summer Season 1.9384% or 1,661 kW
- **Firm Power Project**
 - The Firm Power Project was established to provide for the acquisition of firm power supplies from third parties.
 - Kaysville's Entitlement Share is 19.1384% or 3,000 kW
 - Payson Project (Nebo Plant)
 - The Payson Project has been in commercial operations since June 2004
 - Kaysville Entitlement Share is 16.3287%
- **Horse Butte Wind Project**
 - The Horse Butte Facility went commercial in August of 2012
 - Kaysville's Entitlement Share is 10.5243% or 6,062 kW

- **VEYO Heat Recovery Project**
 - The Project was commissioned in May 2016
 - Kaysville's Entitlement Share is 10.7821% or 841 kW

- **Government and Public Affairs Project**
 - The GPA Project was formed to allow UAMPS to protect members' interest by monitoring, influencing, suggesting legislation and educating governmental and regulatory agencies on a local, state and federal level.

- **Member Services Project**
 - The Member Services Project was undertaken to address community needs.
 - The current Services include: Infrared camera, heat tracer gun, hazard hamlet, Power Factor Test Set, Poles Testers, Battery Test Set, OSHA training, APPA dues, IPSA dues, Platts subscriptions and Mutual Aid Agreements.
 - The Project owns a 1,600 kW mobile generator that is used to provide back-up, load control and emergency generation for the distribution systems of certain members.
 - Hurricane and Washington have used the Project to acquire and finance gas-fired generating units to provide peaking power and voltage support for their electric utility systems.

- **Resource Project**
 - Through its Resource Project, UAMPS continually analyzes new projects and potential generating options to further procure long term, stable energy supplies for its members both demand-side and supply-side
 - The staff conducts, analyses and studies of new power supply projects
 - Upon completion of analysis and studies, the Resource Committee votes to solicit participation to form a project, each participant has the right to subscribe (to all, some or none) to at least their project allocation percentage. The participants also have the first right to take any unsubscribed allocation before non-Resource Project participants.
 - The criteria for screening new resources include cost, operations, reliability, transmission access and environmental impacts.
 - Criteria used, regardless of energy source (renewable or conventional) and are evaluate compared to a natural gas alternative.
 - The Resource Project also includes efficiency programs that UAMPS administers on behalf of the members.
 - Conversation remains the least cost option to stretch energy supplies and avoid new energy development
 - The Smart Energy Efficiency Programs include Home Energy Savings (appliance rebates) Cool Cash (evaporative cooling, central air conditioning, ductless heat pumps, heat pumps and gas furnaces) See Ya Later Refrigerator and Commercial Lighting

- **Example.....**
- **Home Energy Saving Program (Rebate Program)**
 - Members elect to participate
 - Customers go to www.uamps.com to determine eligible programs
 - Customers submit applications to UAMPS within 90 days after date of purchase

- UAMPS verifies the application parameters have been met
- UAMPS pays incentive directly to customer within 45 days
- **Pool Project**
 - UAMPS acts as an agent for members to:
 - Scheduling
 - Marketing
 - Wheeling
 - Ancillary Services
 - The members are not required to purchase their power and energy needs for UAMPS
 - The output of the UAMPS projects are contractually required to be assigned to the pool
 - The member may consign power resources owned and purchased by such member for inclusion in the Pool
 - Power supplied by the Pool is priced according to whether the purchase/sales are “all-in cost” ,planned or unplanned
 - Resources are allocated, based on Member’s resource priority list, to Member’s load
 - Each member receives its entitlement share of the projects energy on an hourly basis, then in turn is billed those energy costs, including transmission and scheduling
 - If the member’s resource do not match their load, the additional resource deficits are provided by the Pool or any surplus resources are purchased by the Pool
- **Resource Integration**
 - Each hour, UAMPS schedules projects’ output and makes purchases or sales to match members’ aggregate load to the best overall economic benefit to all members
 - Individual members’ loads and resources are accounted for through the Pool
 - In turn, members with excess resources are matched with those who are deficit resources on an hourly basis
 - The dispatcher buy/sell for the next hour based on the system parameters
 - Balancing
 - Shortage-long position
 - Unit availability
 - Transmission

This is a condensed edition of the UAMPS Presentation. For more Information please go to the website and access the presentation from UAMPS.

POWER BILL DISCUSSION

Kelton Andersen presented how the bill from UAMPS is processed. The presentation showed a copy of the bill and how it is read. The bill is complicated and needs to be observed as he points out the particular areas and issues. This presentation is provided for viewing on the video and audio feed of the May 2, 2017 meeting.

UAMPS CONFERENCE

UAMPS Conference is a way to educate members, including Power Boards, City Council Members and Mayors. It is family friendly by holding activities for attending family members. They will be having excursions and dinner banquets for family members while attendees are in meetings.

The conference will be held:
August 13-16 2017
The Village at Squaw Valley
Olympic Valley, California

City Council Member Lee made a motion to adjourn the special meeting and to start the regular meeting. Board Member John Loveless seconded the motion.
The Motion passed unanimously

POWER COMMISSION BOARD MEETING

Present: Chairman Brok Thayn, Board Member Jordan Stephensen, Board Member Patrick Hein, Board Member John Loveless, Board Member Alan Farnes, City Council Member Susan Lee

Other Present: Power Superintendent Gary Hatch, Resource and Service Manager Bruce Rigby, Administrative Assistant Stacie Harward, Jackie Coombs-UAMPS, Kelton Andersen-UAMPS, Kaysville City Financial Director Dean Storey, John Guerra, Deb Henry, Gary Petersen, Jeff Dixon-CHP Working Group

Opening Provided by Chairman Brok Thayn
Prayer given by Board Member Jordan Stephenson

BILLING SOFTWARE

Mr. Dean Storey, Financial Director for Kaysville City proceeded to explain the process of the billing software. Board Member John Loveless was involved with the Solar Power Customer and how the credit is credited to the customer. John would like to see the credit be calculated and credited back on a monthly basis. Mr. Dean Storey was asking "What specific information the Board is looking for?" He was willing to answer the questions that related to the billing software. Council Member Lee was looking for specific information relating to how and why the solar net metering is hand calculated. Dean Storey explained that in a billing cycle the carry-over is the issue. The two readings involved in the net metering is combined and they are able to arrive at cost. This is done every month. The software sees the readings up to a certain point and after that calculates it at a different rate. This is why it is hand calculated so the correct rate is charged and credited to the Solar Power Customer. Caselle Billing Software is the program that is currently being used for calculating the bills. This Particular software is used with numerous utilities throughout the State of Utah and throughout the Country. Other Utilities use two meters. The City looked at the meters we use and have come up with ideas and solutions to make our meters workable. Energy Delivered-Energy Received- net those together and come up with a cost. The City would like to calculate the bills in a billing cycle and not in a carry-over situation. Bruce Rigby would like to wait. Reason being until we can come up with a true value of Solar and being able to change our Net Metering Agreement all at the same time. The Solar customer will be charged the delivery at retail rate and everything received at the value of Solar which will be decided by the Power Commission Board/ City Council. New Meters will need to be ordered once this has been decided upon. For the moment the meters we have installed now can be reprogrammed to reflect this change. Chairman Thayn was wondering if a check would be sent to the solar customer every month. Dean

Storey said that there will be a credit on the bill for that customer. The bill will reflect either a Credit or a charge. The credit then can be used toward other utility costs for that month (City Bill). This Item will be discussed at a further meeting once all the data has been collected. Smart Meters are still being discussed and looked at. More Information will be forthcoming in future meetings.

REGULATORY ASSISTANT PROJECT TRAINING

Meeting will be held May 11, 2017. 1:00-5:00 P.M in the City Council Room. Arrangements have been made for the room to be available. Meeting is open and encouraged by the public to attend.

Jordan Stephenson made a motion to approve the meeting
Second be Council Member Lee
The Motion passed unanimously

SOLAR CLASS OUTLINE

Board Member Loveless began the discussion about the need for the customer to take a solar class when installing a solar power system. He would like to inform the consumer what solar can and cannot do. Also he would like to see some education for the customer on what the salesman is telling them. So that they can make a more informed decision. Where the panels should be placed for optimal benefit. Information on the costs of the material compared to the installation of the panels. Section on Energy Efficiency in the home. Giving examples of other Energy Efficiency options such as Electric Vehicles. Section on Battery Storage. There is 14 topics and giving a good overview of Solar Power. It was suggested that these classes be available on-line and be no longer than 10 Minutes. Board Member Loveless would like to see it be required. Board Member Stephenson suggested that the customer be encouraged that they watch these on-line episodes. Board Member Loveless would like to see that the Solar Power Customer sign a form that the City is not held liable that the residents Solar Power is under performing to their expectations. Bruce Rigby made the comment that this really shouldn't be mandatory and that the residents/customers should make that choice on their own and that we really can't mandate that they come to a class or watch it online. This is something that should be made available to them. It will be suggested to the resident to watch the online videos when they have a question. It will save time on the City Staff part to be able to suggest this option. Bruce Rigby would like to see a part about the how the billing process works, how the meter works and the different components to the meter. Bruce will also make a list of frequently asked questions and answers. Chairman Thayn commented that Heber City Power and Light has a mandatory requirement that the customer attend a class. Other cities require that the installer attend a mandatory city provided class. Suggestions for further discussions and if they are mandatory or optional:

Value the Power Grid still provides-optional

Rate Scale Orientation-Optional

Type of Solar Panels-Optional

Type of Invertors-Optional

Solar Installation- Cost of material and installation Costs-Mandatory

The consensus is that the topics be presented on-line and that the customer be directed to them for more in-depth information. The City needs to remind the resident that the city is not held liable or

suggesting they buy from a particular vendor. There needs to be a disclaimer that the city is not responsible for the choices that the consumer makes. It's their choice exclusively.

OTHER DISCUSSIONS ITEMS FOR UPCOMING MEETINGS

Rate Increase Model that Board Member Stephensen has created.

Work Session has been scheduled for May 16th, 2017 at 12:00 P.M. to be held at Hunt Electric 1920 Alexander Street, West Valley Utah. The agenda item to be discussed is Net Metering and customer charge and the presentation and recommendation to the City Council in June.

Bruce Rigby pointed out that a study has already been done and maybe that they should be looking at that study. Bruce Rigby suggested that Board Member Stephensen contact UFS about the study. The study is available in the packet that was provided to the Board.

General Introduction to finding value of solar.

APPROVAL OF MINUTES

Chairman Brok Thayn made the Motion to approve the minutes of April 4, 2017
Board Member Alan Farnes seconded the motion.

The motion passed unanimously

CALL TO PUBLIC

Gary Petersen asked about the \$13.00 charge and if that is only for Solar Power customers. Board Member Hein informed him that the charge would be for every customer.

Jeff Dixon with CHP Working Group. Wanted to let the group know about his company. Co-generation with power companies and raise awareness. General Introduction to finding value with co-generation. He would like to introduce the concept of his company. He would like to have the opportunity to be put on a future agenda for a meeting.

Power Board Commission meeting for July will be cancelled due to the 4th of July Holiday.
Re-convene in the Month of August.

ADJOURNMENT

Council Member Lee made the motion for adjournment at 8:15 p.m.
Board Member Hein seconded the motion and passed unanimously.

Stacie Harward

Stacie Harward, Administrative Assistant

