

HURRICANE CITY POWER
526 W 600 N
HURRICANE, UTAH 84737

The Hurricane City Power Board met on May 30, 2017, at 3:00 p.m. at the Clifton Wilson Substation at 526 W 600 N. In attendance were; Chairman Mac Hall, Pam Humphries, Dean McNeil, Terry Winter, Charles Reeve, Jerry Brisk, Dave Imlay, Brian Anderson, Scott Hughes, and April Hill.

Mac Hall welcomed everyone to the meeting; Pam Humphries led the Pledge of Allegiance, and Charles Reeve offered the prayer. Dean McNeil made the motion to approve the April minutes with the requested changes, and Terry Winter second the motion, Pam Humphries abstained. All in favor, the motion passed.

Scott Hughes Reported for Don Behunin: Scott provided an image of the mapping communications diagram that the crew has been working on. He explained in detail how the substation crew uses Intelligent Electronic Devices (IED) to communicate with the devices that are watching the power system. The substation crew recently attended a Schweitzer two-day training which was very informative and taught them how to more effectively communicate with the Schweitzer devices. They have finished setting up the radio communications for the regulator bank that were installed this year, and Scott is working on the graphics to tie the regulator bank communications into the SCADA display system. Pam Humphries asked if a Geomagnetic storm would affect the communications system causing the city to lose power. Dave Imlay reported that all of the Hurricane Power systems could be operated manually if the computer communications were offline. Dean McNeil stated that he feels the Power Department is more vulnerable to hackers than Geomagnetic storms. Dave and Scott reported that there are several security protocols that will prevent intrusion into the power grid.

Brian Anderson: Reported the line crew spent the month under building the Mulberry Estates subdivision and stringing two more phases to the Dollar Tree location to provide the three-phase power they need. Two linemen attended hotline school which left the crew somewhat shorthanded. Brian also reported that the department has been busy setting up and moving into the finished Power Department office building.

Discussion and Possible Approval of Increased Waste Heat Participation: Dave explained that previously the Power Board had decided not to have Hurricane participate in the previous Soda Lake Geo Thermal project because of the high cost of that resource. The Power Board previously approved participation in a waste heat project (May Power Board Meeting) Ormat, the company that built the Veyo Waste Heat Waste and is the company investigating this new project, has cut the price of this new waste heat project by \$6 MWH. Ormat did this by eliminating two of the marginal compressor stations and working with the one remaining compressor station. This brings the prices of the Waste Heat project in line with current resource prices. The Power Board had previously motioned to participate in this project at 500 kW. Dave stated that he would like to increase the Power Departments participation to 1 Megawatt. Dean McNeil asked about the cost of participating in the project. Dave reported that the information on the cost of the project has not been provided yet, and assured the Power Board that the

Department could exit from the project if the cost projections come in too high. Charles made a motion to increase the department participation and Terry second the motion. All in favor, the motion passed.

Capital Expenditures Update: Dean McNeil stated that some of the Substation and Generation budgeted expenses were very different from the actual cost of the project, and he asked for clarification of the differences. Dave Imlay reported that the difference was mainly due to the timing of the estimates. Therefore, some of the projects were able to be completed at a lower cost than what was estimated. Dean McNeil asked if the projects that were canceled in this budget year were indefinitely canceled or just deferred. Dave reported that the Brentwood Park rebuild, and the Quail Lake system upgrade were ongoing projects from year to year and were deferred because the crew did not have the opportunity to work on the projects in this budget year.

Monthly Purgatory Flats Substation Update: Dave Imlay reported that Rocky Mountain Power is doing a shoofly temporary connection to continue to feed their Harrisburg load. They would like to make the connection permanent but normally open. Dave stated that UAMPS will only allow the permanent connection if it is a metered connection. Dave thinks it would be a benefit to have this connection available for emergency back up to our system. Dave is working to figure out if this connection can be done outside of UAMPS. Dave explained in detail how the line is currently metered.

Discussion and possible approval of Participation in UAMPS Cool Cash and Smart Thermostat program: Dave provided the Power Board with a Power Point presentation showing the cost difference between air conditioner efficiency Seers and a graph showing the kWh savings from Seer to Seer. Dave would like to focus on offering rebates to builders who install higher efficiency air conditioner units. The goal is to reduce the overall summer peak on the power system. Dave's presentation showed the rebate amounts that are currently offered through the UAMPS Cool Cash program. Hurricane Power Department would like to increase the rebates to more effectively incentivize builders and homeowners to purchase more efficient units. The rebate amounts recommended are; \$200.00 for a 15-16 Seer unit, \$300.00 for 17-19 Seer unit, and \$450.00 for Seer ratings of 20 and higher. Dave also recommended that the department participate in the Smart Thermostat program for electrically cooled houses, offering a \$50.00 rebate on the purchase of the Smart Thermostat. Dean McNeil made a motion to accept the recommendation and Pam Humphries second the motion. All in favor, the motion passed. Pam Humphries suggested that the program be evaluated in six months to assess the effectiveness.

Budget: Dave explained in detail the budget proposal for 2017-2018. He highlighted the items in order of the importance to the department. The budget proposal should go before the city council in the next two weeks.

Hunter: There is a chance that Utah may not have to install selective catalytic reduction. Utah may get credit for closing down the carbon plant and already having SNCRs on the plant before necessary.

The Power Board adjourned at 4:50 p.m. The next Power Board Meeting is scheduled for June 27, 2017, at 3:00 p.m.