



Mayor
John Bramall

City Manager
Clark R. Fawcett

City of Hurricane

Power Board
Mac J. Hall, Chair
Jerry Brisk
Dean McNeil
Charles Reeve
Kelly Carlson
Pam Humphries

Power Board Meeting Agenda

02/26/2018

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.

AGENDA

1. Pledge of Allegiance
2. Prayer
3. Approval of Minutes from Previous Meeting

SYSTEM UPDATES

Don Behunin/Substation Supervisor

Brian Anderson/Power Superintendent

NEW BUSINESS

1. Approval to Serve Customer Outside of Hurricane City Limits (By Shooting Park)
2. Meter Count in Relation to Load Growth
3. Budget
4. UAMPS
5. Other



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The Hurricane City Power Board met on January 29, 2018, at 3:00 p.m. at the Clifton Wilson Substation on 526 W 600 N. In attendance were; Chairman Mac Hall, Dean McNeil, Jerry Brisk, Charles Reeve, Kelly Carlson, Dave Imlay, Brian Anderson, and Don Behunin.

Mac Hall welcomed everyone to the meeting; Kelly Carlson led the Pledge of Allegiance, and Brisk offered the prayer. Dean McNeill made the motion to approve the minutes from the previous meeting with the necessary changes and Charles Reeve second the motion. All in favor, the motion passed.

Don Behunin: The substation crew is working on the annual generator repair and maintenance. The generators are fully inspected and repaired each year in preparation for the summer generation schedule. Scott Hughes is continuously updating the SCADA program and app programs. Don also reported that the 69KV breaker is now in service.

Brian Anderson: Brian stated that removing the Christmas lights and the new Christmas tree was a smooth process. Dave Imlay showed the Power Board a time lapsed video of the crew disassembling the tree. Main Street Café requested an upgrade to their electric service. Many of the service poles in that area of Main Street are located on the back of properties. The Power Department installed an underground service to feed the properties in that area. Brian reported that the line crew participated in the apprentice applicant interviews. There were several qualified applicants and the line crew's feedback was beneficial in making the final decision. The line crew has been spending most of the month installing conduit in Sand Hollow RV. The Power Department has been working on the Sand Hollow RV project for six years. Each year, the line crew installs conduit in the areas that do not have homes. The area's that have electric services directly buried will be updated as needed.

Generation Cost Analysis: The Power Board went over Dean McNeil's generation cost report that was previously provided to the member. Dean McNeil asked for clarification on the growth rate information Hurricane City collects each year. Clark Fawcett reported that the growth rate is calculated using the count of building permits issued each year. Dave Imlay stated that he would provide the Power Board with the updated meter count each quarter. The meter count is a reliable indicator of growth within Hurricane City. Dave Imlay presented the bond payment schedule worksheet. The Power department has paid \$12,246,606 in bond repayments since 2005. The high amount of debt has hindered the department causing the department to work with less manpower than is needed. Dave Imlay does think a new generator is important and will be beneficial to the department, he would like to gather more power cost information during this summer before committing to the addition of generator #9

DAQ Permit Update: Don Behunin submitted the application, DAQ can take up to one hundred eighty days to respond to the application. If there is additional information requested, it could be another six months before the submission is reviewed. When the permit is approved the new generator must be installed and operation within eighteen months.

Operation #1 Replacement (Central/St. George Cost Sharing): Participants in the Central to St. George project have rejected several cost allocation scenarios. UAMPS hired a professional analysis firm to provide a cost study that included each scenario for all of the participants. Hurricane Power Department

cost in the project was reported to be between thirteen and fourteen percent. Dave reported that the other project participants agree with the new cost allocation report. The Project Management Committee is the deciding body. Dave Imlay will update the Power Board with the final draft before the Project Management Committee approves the cost allocations.

Connection Fee Follow-up: Dave Imlay reported the City Council approved the updated connection fee schedule.

Power Fund Report by Clark Fawcett: Clark Fawcett met with the Power Board members to discuss the financial status of the power department at the close of 2018. The power department depreciation fund has increased to \$8,425,876.00 The rainy-day reserve is \$1,819,979.71. Clark showed how he keeps track of revenues from power sales each month and compares revenues month to month. Clark stated that the power fund is the highest it has ever been.

Prior Year Report: Dave provided the Power Board with a printout listing the department's major accomplishments in 2018.

Budget: Dave Imlay discussed the difference in the cost of power from Nebo power plant and market power between in 2017 and 2018. In December 2017 power from Nebo Power Plant was \$33.73 per MGW and the cost of market power was \$35.00 per MGW. In December 2018 power from Nebo Power Plant was \$56.47 per MGW and the cost of market power was \$40.46 per MWh. Dave Imlay reported that he does not anticipate the cost of power to decrease. Overall cost per MWh hour for December was \$62.05. Cost of sales is 7.49% over budget, kWh revenue is 1.21% over budget, and overall revenue is 1.31% ahead of budget.

UAMPS: UAMPS energy load growth report shows that Hurricane Power Department was six percent of UAMPS overall growth in 2017.

Other: Charles Reeve received UAMPS 2018 Appointed Official of the Year Award

The Power Board adjourned at 4:40 p.m. The next Power Board Meeting is scheduled for February 26, 2019, at 3:00 PM.

**AMENDMENT
AGREEMENT FOR ELECTRIC SERVICE BY MUNICIPALITY TO
ADDITIONAL CUSTOMER(S) AFTER JUNE 15, 2013 OUTSIDE OF
MUNICIPAL BOUNDARY**

This Amendment (“Amendment”) to the Agreement for Electric Service by Municipality to Additional Customer(s) After June 15, 2013 Outside of Municipal Boundary Agreement, dated October 29, 2013, and approved by the Utah Public Service Commission on November 8, 2013, in Docket 13-035-186, and entered into between Hurricane City, a municipal corporation organized under the laws of the state of Utah (the “Municipality”), and PacifiCorp, an Oregon corporation doing business in Utah as Rocky Mountain Power (“Rocky Mountain Power”) (collectively, the “Parties”) amends the Agreement by adding another customer to the Agreement. All capitalized terms not defined herein shall have the meanings ascribed thereto in the Agreement. The Agreement is amended in the following respects only:

1. Exhibits A and B attached hereto shall be incorporated into and become part of the Agreement and shall be subject to the terms of the Agreement.
2. All other terms of the Agreement shall remain unchanged and in full force and effect.

IN WITNESS WHEREOF, the Parties hereto have caused this Amendment to be executed by their duly authorized officers as of the last of the dates set forth below.

HURRICANE CITY, a municipal corporation organized under the laws of the State of Utah

PACIFICORP, an Oregon corporation doing business in Utah as ROCKY MOUNTAIN POWER

Signature: _____

Signature: _____

Print Name: _____

Print Name: Mark Tourangeau

Title: _____

Title: Vice President, Customer Solutions & Business Development

Date: _____

Date: _____

ATTEST:

Approved as to form:

Signature: _____

Signature: _____

Print Name: _____

Print Name: R. Jeff Richards

Title: _____

Title: Vice President & General Counsel

Date: _____

CONFIDENTIAL

EXHIBIT A

IDENTIFICATION OF ADDITIONAL CUSTOMER(S) LOCATED OUTSIDE THE MUNICIPAL BOUNDARY OF THE MUNICIPALITY THAT THE MUNICIPALITY PROVIDES ELECTRIC SERVICE TO PURSUANT TO PARAGRAPH 1 (THE “ADDITIONAL CUSTOMER(S)”)

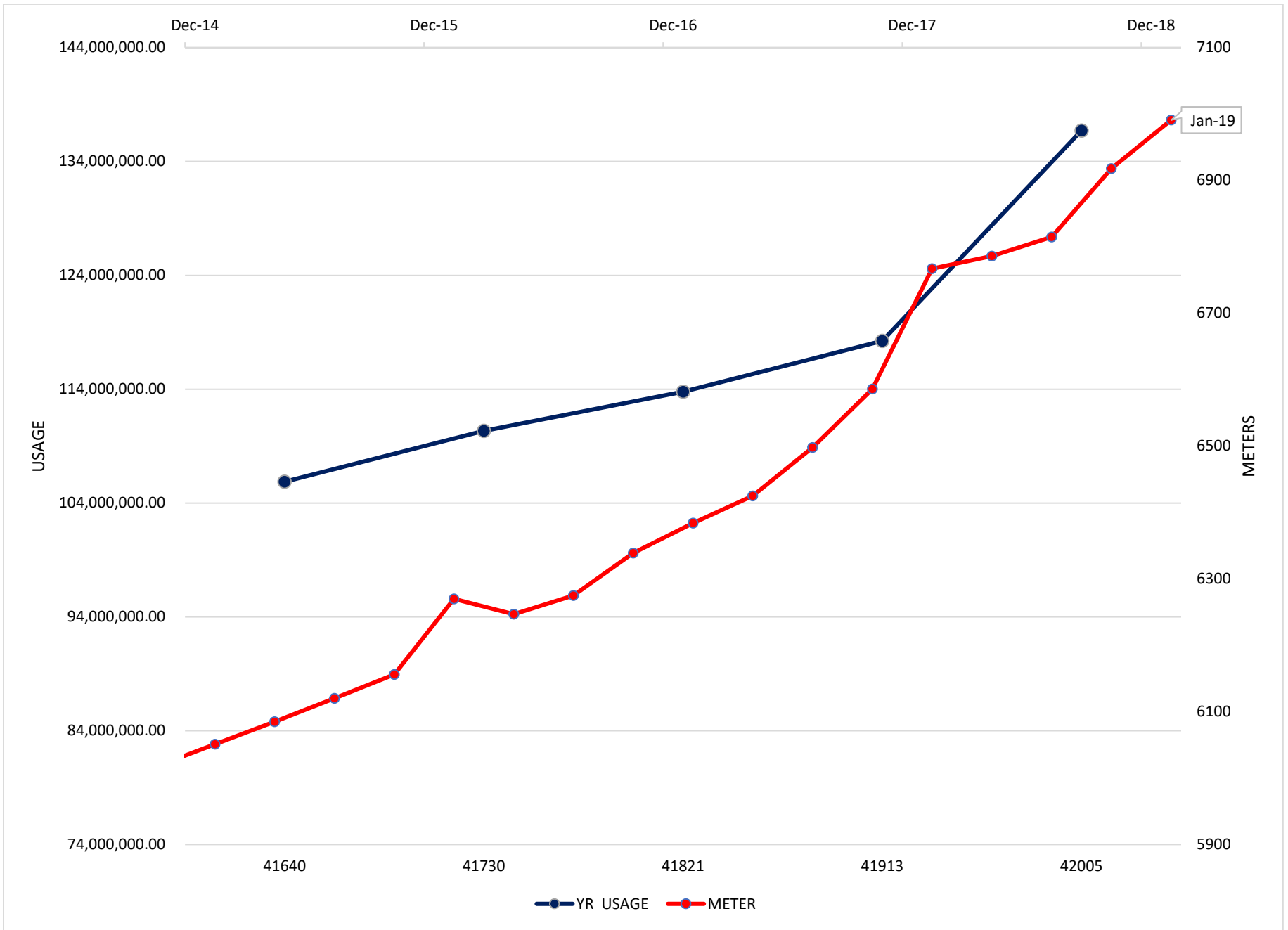
No.	Customer Name & Mailing Address	Customer Site Address
1.	Jade Taylor / JTD Trucking, Inc. 210 Mall Drive #68 St. George, UT 84790	Approx. 930 Regional Park Road, Hurricane, UT, 84737

**EXHIBIT B
MAP OF SITE LOCATIONS**



Legend

- Hurricane facilities (500 ft. from customer)
- RMP facilities (3,000 ft. from customer)



HURRICANE CITY LOAD 2015 to 2019 (All usage in Kilowatt Hours)

	<i>Washington CountyConservancy District Hurricane Hydro Meter 4605</i>					<i>UAMPS Meter At Millcreek 4675 (Hurricane Substations)</i>					<i>Pacificore Gate Way Meter 4660</i>					<i>Roof Top Solar</i>				
<i>YEAR</i>	<i>2015</i>	<i>2016</i>	<i>2017</i>	<i>2018</i>	<i>2019</i>	<i>2015</i>	<i>2016</i>	<i>2017</i>	<i>2018</i>	<i>2019</i>	<i>2015</i>	<i>2016</i>	<i>2017</i>	<i>2018</i>	<i>2019</i>	<i>2015</i>	<i>2016</i>	<i>2017</i>	<i>2018</i>	<i>2019</i>
<i>JAN</i>	89,274	345,394	306,505	89,673	103,343	8,254,309	8,510,366	8,970,214	9,647,359	10,030,514	15,995	19,639	20,537	0	21,131	3,642	5,200	6,690	7,364	7,317
<i>FEB</i>	59,711	315,176	296,123	66,377	0	6,844,670	7,234,434	7,154,821	8,776,997	0	17,524	18,786	18,753	0	0	4,748	7,381	7,659	8,506	0
<i>MAR</i>	120,088	274,326	331,747	224,338	0	7,351,782	7,545,218	7,538,524	9,265,397	0	19,663	19,487	22,007	0	0	5,819	14,601	9,300	9,834	0
<i>APR</i>	154,376	257,110	117,788	310,394	0	7,185,998	7,433,468	7,502,044	8,483,725	0	19,149	17,724	20,229	15,657	0	8,637	16,263	14,017	14,323	0
<i>MAY</i>	185,782	332,625	210,438	345,380	0	7,872,571	8,661,881	9,322,946	10,537,898	0	19,186	19,956	21,709	20,284	0	8,974	15,789	17,843	17,226	0
<i>JUN</i>	295,333	281,332	377,958	244,665	0	11,339,478	12,968,260	13,090,695	12,911,456	0	20,967	21,767	23,557	24,149	0	8,957	17,040	16,352	18,862	0
<i>JUL</i>	361,883	332,623	390,340	280,295	0	12,207,261	14,499,290	15,200,585	15,238,949	0	21,560	23,320	24,854	25,161	0	7,009	11,819	12,941	12,780	0
<i>AUG</i>	369,461	319,927	393,821	259,900	0	13,079,157	13,330,138	14,252,412	15,178,640	0	21,860	20,097	24,501	24,626	0	7,320	9,409	9,232	8,730	0
<i>SEP</i>	337,450	330,246	386,624	234,479	0	11,470,071	10,464,853	10,926,507	13,203,594	0	16,194	21,731	24,501	23,003	0	7,093	11,255	8,601	11,886	0
<i>OCT</i>	326,631	344,940	199,457	299,120	0	8,413,561	8,603,484	8,083,288	8,943,987	0	18,750	21,933	22,944	11,209	0	7,494	9,400	8,164	11,090	0
<i>NOV</i>	293,411	324,761	96,117	178,581	0	7,552,351	7,740,508	7,799,619	8,690,609	0	18,750	20,375	21,958	17,755	0	8,074	10,521	8,866	12,751	0
<i>DEC</i>	315,336	317,960	92,224	120,137	0	8,735,132	9,195,771	9,124,728	9,890,025	0	18,670	20,438	2,675	21,287	0	8,579	9,273	7,013	11,130	0
<i>TOT</i>	2,908,736	3,776,420	3,199,142	2,653,339	103,343	110,306,341	116,187,671	118,966,383	130,768,636	10,030,514	228,268	245,253	248,225	183,131	21,131	86,346	137,951	126,678	144,482	7,317

	<i>Hurricane City Generators Meter 4608</i>					<i>UAMPS, Pacificore, Generators & Hydro Meters 4646</i>					<i>PERCENTAGE OF GROWTH</i>					
<i>YEAR</i>	<i>2015</i>	<i>2016</i>	<i>2017</i>	<i>2018</i>	<i>2019</i>	<i>2015</i>	<i>2016</i>	<i>2017</i>	<i>2018</i>	<i>2019</i>	<i>2015</i>	<i>2016</i>	<i>2017</i>	<i>2018</i>	<i>2019</i>	<i>4or5yr Avg</i>
<i>JAN</i>	6,127	7,948	6,379	6,511	7,194	8,370,291	8,884,903	9,310,325	9,661,234	10,169,499	-2.39%	5.79%	4.57%	3.63%	5.00%	3.32%
<i>FEB</i>	5,525	7,224	6,286	6,124	0	6,933,265	7,581,715	7,483,642	8,791,627	0	-3.25%	8.55%	-1.31%	14.88%	#DIV/0!	4.72%
<i>MAR</i>	5,246	13,319	6,403	5,102	0	7,503,771	7,578,024	7,898,681	9,270,499	0	-1.49%	2.24%	0.98%	14.80%	#DIV/0!	4.13%
<i>APR</i>	13,872	7,280	7,043	23,515	0	7,383,644	7,458,472	7,647,104	8,522,897	0	1.78%	1.00%	2.47%	10.28%	#DIV/0!	3.88%
<i>MAY</i>	6,738	7,266	6,554	5,872	0	8,094,699	8,689,103	9,561,647	10,581,280	0	-6.84%	6.84%	9.13%	9.64%	#DIV/0!	4.69%
<i>JUN</i>	1,155,585	897,100	412,941	1,515,276	0	12,820,320	13,887,127	13,905,151	14,469,743	0	10.51%	7.68%	0.13%	3.90%	#DIV/0!	5.56%
<i>JUL</i>	897,323	1,081,715	737,165	2,095,313	0	13,495,036	15,604,325	16,352,944	17,372,203	0	-6.16%	13.52%	4.58%	5.87%	#DIV/0!	4.45%
<i>AUG</i>	683,312	784,737	772,879	1,446,526	0	14,161,110	14,134,972	15,443,613	16,658,522	0	15.10%	-0.18%	8.47%	7.29%	#DIV/0!	7.67%
<i>SEP</i>	13,487	2,009	124,404	5,883	0	11,844,295	10,488,593	11,462,036	13,244,366	0	9.23%	-12.93%	8.49%	13.46%	#DIV/0!	4.56%
<i>OCT</i>	6,696	0	32,947	7,072	0	8,773,132	8,625,417	8,338,636	8,973,358	0	7.75%	-1.71%	-3.44%	7.07%	#DIV/0!	2.42%
<i>NOV</i>	7,182	6,423	8,010	13,451	0	7,906,589	7,767,306	7,925,704	8,734,566	0	6.36%	-1.79%	2.00%	9.26%	#DIV/0!	3.96%
<i>DEC</i>	6,880	6,582	9,689	6,463	0	9,204,145	9,222,791	9,229,316	9,928,905	0	7.65%	0.20%	0.07%	7.05%	#DIV/0!	3.74%
<i>TOT</i>	2,807,973	2,821,603	2,130,700	5,137,108	7,194	116,490,297	119,922,748	124,558,799	136,209,200	10,169,499	2.06%	2.86%	3.72%	9.35%	5.00%	4.60%
<i>TOT</i>									9,661,234	10,169,499				YTD	5.00%	

144.482

2015 - 2019 KW LOAD

