The Hurricane City Power Board met on August 2, 2023, at 3:00 p.m. at the Clifton Wilson Substation on 526 W 600 N.

In attendance were Mac Hall, Pam Humphries, Charles Reeve, Dave Imlay (by phone), Joseph Prete, Scott Hughes, Brian Anderson, Michael Ramirez, Jared Ross, Gary Cupp, Fred Resch, Nanette Billings, Dayton Hall, Bruce Zimmerman, and Crystal Wright.

Mac Hall welcomed everyone to the meeting; Charles Reeve led the Pledge of Allegiance and Joseph Prete offered the prayer. Pam Humphries motioned to approve minutes from the July 2023 Regular Meeting and July 2023 Special Meeting. Charles Reeve seconded the motion. Motion passed unanimously.

**Scott Hughes:** Scott Hughes reported on the loss of one employee from the Substation Department who is leaving to return to running his own business. Another employee had an injury while working out at the Three Falls Substation site and is on light duty. He's taking care of the generator run until he's cleared to come back to work with no restrictions. We had an outage from the lightning storm on Circuit 105. A resident was able to provide video showing lightning hitting the pole, which blew the cutout. Pam Humphries asked how the generators have been keeping up with the heat. Scott Hughes replied they've been running very well, minus one issue which will be discussed later in the meeting. Pricing has stayed more stable through the summer compared to last year. Crystal Wright provided an update regarding the current fluctuations with summer prices. There was one more outage caused by a ringtail cat that got into a substation. Pictures showing the damage caused by the arc to the insulators. There will have to be some maintenance done to clean and repair those when we are able. Jared Ross makes the determination as to how serious the damage is and how quickly repairs like this need to be made.

**Brian Anderson:** Brian Anderson stated the Line Crew helped the Service Crew catch up on some of their projects. They also relocated a pole for the 700 West road project. They have been working on reconfiguring Circuit 101 to move the load to complete the 1150 West project. That whole circuit is now de-energized. Joseph Prete asked what reinsulating is and why it's necessary. Brian explained the existing line carries voltage of 34,500 and is only insulated for that amount of voltage. We are placing larger insulators to increase voltage to 69,000 which will energize the new Three Falls Substation. Nanette Billings provided an update regarding the opening of the 700 West and 100 North round-about in time for school to start on August 15$^{th}$.

**Mike Ramirez:** Mike Ramirez reported that he has nothing new to report beyond his normal tasks.

**Jared Ross:** Jared Ross provided an update on the Three Falls Substation. Bussing is being installed. Cable trenches have been installed. The Line Crew will be helping run the cabling to all the equipment and then the Substation guys will continue. Bussing is the aluminum piping that goes on top of the steel structures to help connect structures to route the power through the substation. Cabling comes out of the equipment, into cable trays and into the control house. Pam Humphries asked if December 2023 is still the plan for completion. Jared Ross stated he lost two guys from his crew, so it has really slowed things down for him. He's not sure what the completion date will be. Joseph Prete asked if there is more than one function for a substation beyond converting transmission voltage to distribution voltage. Jared Ross replied that this substation will also be what is known as a ring bus, which makes it a switchyard as well. We are only completing one side of this substation. This is a dual bay substation and will have an empty bay which can be utilized for future growth. Joseph Prete asked how many transmission lines can come in and how many distribution lines can go out. Scott Hughes replied that we have designed this substation for a transmission line in and out and a total of six distribution lines out, three per bay. There was a discussion regarding the goal to have a full transmission loop throughout the city. Discussion regarding getting distribution lines out of the substation and any progress with rights-of-way being worked on.

**Budget:** Scott Hughes reported on the regular monthly graphs and numbers. We hit a peak of 50.480 MW this year, which is an increase over last year of just over 1 MW. Charles Reeve asked if the solar graph shows a total of how much power solar customers are producing. Crystal Wright replied that this graph only shows the excess power after the homeowner's consumption. Scott Hughes stated that our revenues have looked much better due to power prices staying lower, however we've had large infrastructure projects that have kept our fund from being able to rebound. We are still working on recovering the health of our fund, and still recognize we have future infrastructure projects that will need to happen to stay on top of the growth. Those will be handled at a more manageable pace financially as impact fees come in and allow. It's possible we would continue to do engineering and obtain easements but wait for construction. There was a discussion regarding impact fee structures and a reminder that we are currently undertaking a new Capital Facilities Plan and Impact Fee Study. Scott Hughes stated ICPE is completing the study and it will take 6-8 months to complete.

**Capacity Update:** Scott Hughes provided information regarding a project to be able to run power through the Hurricane Fields subdivision. We are still waiting for one easement. The idea of the project is to determine capacity needed by developments and then split the price for the infrastructure upgrades needed to create that extra capacity. We took developments that had been approved for a preliminary plat already to calculate upgrade costs. The cost would be split between developers desiring to participate based on the number and size of the lots from their preliminary plat. Dayton Hall explained the increased capacity being discussed is the upgrade to Circuit 103. Once that capacity is used up, then the distribution lines will need to be constructed from the substation to achieve any further capacity. Dayton Hall stated it is required for the project to be fully funded before we begin our work on the infrastructure upgrade.

**Power Department Standards and Specifications Possible Recommendation of Approval:** Mike Ramirez stated that after researching to find a resolution approving the Power Board to make minor changes to the standards without City Council approval, nothing could be found. The changes that have been made throughout the years were identified and redlined to be presented for approval to the City Council with a note that minor changes may be approved by the Power Board. Nanette Billings stated that it looks like it's condensed and the redlines look reasonable to her. Joseph Prete stated that he would like to see it come before the City Council if it's a change that may create a burden of cost or oversight for the residents. He suggested a solution to provide an avenue where the Power Board could approve within a certain framework and a report would be provided to City Council for their review. If they had any concerns upon receipt of that report, they could request that a change be brought before them. Mike Ramirez highlighted a few examples of some changes that were bigger in scope. Discussion about transformer standards that are in place and things that have come up regarding transformers with the supply chain difficulties in recent years. Joseph Prete asked questions about how long lead times are currently for transformers and where the status of a letter of intent is that was signed with Wheeler regarding purchasing generators. Scott Hughes, Mike Ramirez, and Brian Anderson replied that overhead transformers are between one to three years out and large industrial transformers are three years out. Scott Hughes replied that the letter we signed with Wheeler is still in place and we have the first right of refusal in case anyone comes and wishes to purchase them from Wheeler. If we chose to forego those generators at that time, we would just go back in line and wait three years for our turn to receive one from that point. Dayton Hall clarified a statement in the final copy of the standards that would provide the ability for the Power Department to make changes in consultation with the Power Board. A report shall then be submitted to the City Council detailing the changes. Charles Reeve made a motion to recommend the Power Department Standards & Specifications for approval to the City Council. Dave Imlay seconded the motion. Charles Reeve, Joseph Prete, Dave Imlay, and Mac Hall all approved. Pam Humphries abstained.

**Discussion of Generator #5 Failure:** Jared Ross reported that Generator #5 wouldn't build power. He did some troubleshooting. He found the rotor winding was shorting to the shaft. He contacted Wheeler and received a price of $126,000 for a complete recondition. If the rotor isn't bad, it will be approximately $70,000 for the repair instead. It takes a couple weeks after they receive the generator to determine what the damage is, and which repair is required. He hasn't pushed the issue of sending it off because it will not be back in service before the generator run season is complete. Scott Hughes informed the board that we changed our focus for the generator run this year and made the decision to run the units more carefully to minimize the number and cost of repairs for this year. Jared Ross stated the units are getting older. We need to plan for major maintenance milestones. Wheeler will meet with us to come up with a maintenance proposal together.

**UAMPS Updates:** Scott Hughes reported we have a big decision coming up regarding Carbon Free Power Project (CFPP). Discussion regarding where the subscription started and how far it's come to date. The Department of Energy (DOE) contributed a large chunk of money toward the project. Money from the Inflation Reduction Act (IRA) has not currently been secured. Charles Reeve stated at this point it is a waiting game until our decision in January. Scott Hughes stated a concern with new Councilmembers being elected with their term beginning at the same time as this huge decision needs to be made. Nanette Billings suggested that the new Councilmembers should be invited to the November and December Power Board meetings so they can be brought up to speed with this project during those meetings. Scott Hughes stated coal acquisition is still an issue with the Hunter plant. We purchased coal from Deseret to help operate that plant. The IPP project is still moving forward. They have been curtailing coal for the same reason that Hunter is.

**Closed Meeting:** Mac Hall asked if we were ready to go into closed meeting. Scott Hughes stated it is unnecessary to close the meeting. This discussion is regarding the purchase of real property. There is a parcel we put an offer on, and it was accepted. We must decide whether to move forward with the purchase by tomorrow. The building would have been used as a warehouse. A positive would be gaining more property rather than having to utilize our existing parcel to build that same type of building. The location and price of the building are both positives as well. He has made the decision to back out of the purchase based on the financial position of the department. Mac Hall asked for any input from the board. The board agreed that Scott Hughes had made a sound decision in this matter.

Power Board adjourned at 5:12 p.m. The next Power Board Meeting is scheduled for September 6, 2023, at 3:00 p.m.