



HANNIBAL BOARD OF PUBLIC WORKS

ELECTRIC, WATER AND WASTEWATER

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DATE: August 8, 2017
TO: Hannibal Board of Public Works
FROM: Robert W. Stevenson, P.E.
Re: General Manager's Report for July 2017

Operations were routine for the month of July. The Operations Report will provide the statistics and details of the activities of the crews. The new Dashboard provides an operating summary at a glance.

The diesel generator project continues. The construction agreement with Ameren to provide protective relays in their substations has been signed and we expect about a six month completion schedule or sometime in December. Early in August, we began the start-up procedure for each of the engines which is not yet complete. We were able to start each engine but were unable to close any generator breakers due to a variety of relatively minor causes related to equipment failures. Altorfer technicians made a punchlist of required repairs needed and we will try again soon to put each generator on line. We have confirmed that transformer to generator wiring and transformer to grid wiring is correct and complete.

Black & Veatch is working along under their contract to provide an approved plan to replace chloramines. The pilot testing equipment has arrived from Calgon for installation in the Water Treatment Plant as of this writing. Piping and electrical work needed to start the pilot testing under the supervision of Calgon and B&V will commence immediately with our staff.

Work continues on establishing the new Stormwater Utility. Staff met with Mr. Michael Abbott, the Director of the Storm Water Management Program with the MoDNR. We outlined for him our situation of taking over the City's MS4 Permit which expires in 2018. We heard from him that MS4 permit requirements are being revised by the State and we may experience some relaxation of some of the previous requirements. He also advised that Hannibal was scheduled for a MS4 audit by his department sometime before the end of the year and that audit schedule has been delayed due to the transfer of responsibility in Hannibal. We have received a draft proposal from Black and Veatch for the engineering services we need to start our system planning process. Finally, we have posted internally and advertised for our first permanent position within the new department. This position is for a Coordinator primarily responsible for mapping, data gathering, and record keeping. We are in the process of purchasing desk top and laptop computers and associated software licenses to get this position up and running in the near future.

Prairie State Energy Campus plant performance rolling 12 month avg:

Unit 1 Capacity Factor = 70.8%
Unit 2 Capacity Factor = 76.3%
Average plant LMP = \$25.40 (2017 YTD)

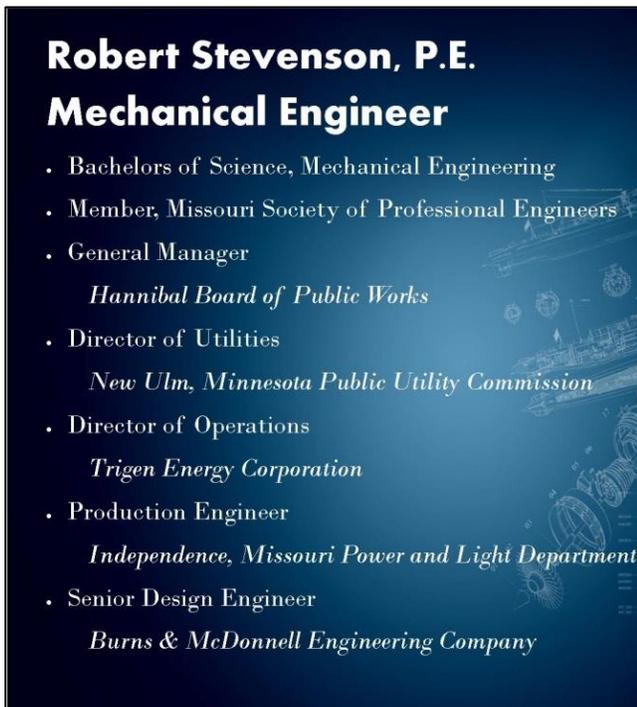
July performance was as follows:

Unit 1 Capacity Factor = 79.1%
Unit 2 Capacity Factor = 96.1%

Both units are available for full load operation.

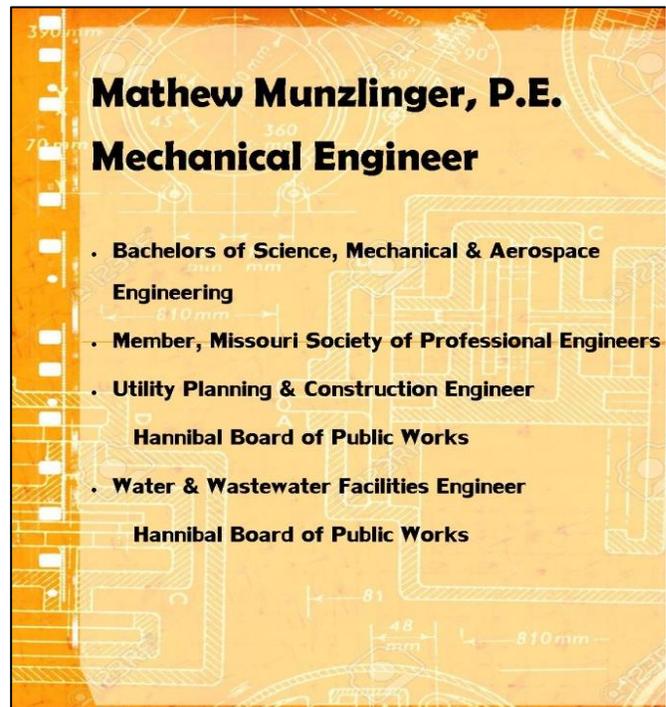
Public Relations

August 2nd was the second annual National Professional Engineers Day, and the HBPW is honored to have two professional engineers on staff. General Manager, Bob Stevenson (42 years engineering experience), and Utility Planning and Construction Engineer, Mathew Munzlinger (10 years engineering experience). You can visit the HBPW YouTube or Facebook pages to view full videos over each Engineer.



Robert Stevenson, P.E.
Mechanical Engineer

- Bachelors of Science, Mechanical Engineering
- Member, Missouri Society of Professional Engineers
- General Manager
Hannibal Board of Public Works
- Director of Utilities
New Ulm, Minnesota Public Utility Commission
- Director of Operations
Trigen Energy Corporation
- Production Engineer
Independence, Missouri Power and Light Department
- Senior Design Engineer
Burns & McDonnell Engineering Company



Mathew Munzlinger, P.E.
Mechanical Engineer

- Bachelors of Science, Mechanical & Aerospace Engineering
- Member, Missouri Society of Professional Engineers
- Utility Planning & Construction Engineer
Hannibal Board of Public Works
- Water & Wastewater Facilities Engineer
Hannibal Board of Public Works

Last week, the HBPW announced they will be hosting a Kids Coloring Contest for children ages 12 and under. The coloring contest winners will be announced during this year's Public Utilities Week celebration in October, and the winning entries will be posted to the HBPW website and social media pages. For more information about the event, visit the following link: <http://www.hannibalbpw.org/events/2017/09/01/hbpw-kids-coloring-contest/>

Internal

The Water and Meter Department won the annual Rib Cook-Off Challenge last week. Seasonal water crew member, Dale Howe, entered a delicious smoked rib that won the most votes among his co-workers. These friendly competitions are a fun way for employees to spend their lunch break and we enjoy planning several of these events throughout the year.

Social Media Updates

Facebook followers: 1,875

Twitter followers: 26

Instagram followers: 12

