

GREEN BAY METROPOLITAN SEWERAGE DISTRICT
PROCEEDINGS OF THE COMMISSION

Special meeting of the Commission held March 12, 2013.

PRESENT: Commissioners Hasselblad, Mainz, Blumreich, Tumpach, and Hoffmann

ALSO PRESENT: T. Sigmund, P. McCarthy, P. Wescott, B. Hafs, P. Kaster, M. Erschnig, N. Qualls, T. Garrison, C. Schweiner, M. Pyke, B. Angoli, B. Bartel, L. Frisch, J. Nicks-Legal Counsel; G. Clabots and J. Henkelmann–Wisconsin Public Service Commission

Commission President Hasselblad called the meeting to order at 8:25 a.m.

1) Electrical generation and power distribution workshop.

P. Wescott stated this meeting is to provide a review of the 2012 power related issues and the corrective action work. Staff will also provide an overview of the electrical distribution systems at the Green Bay and De Pere Facilities. He reviewed the following:

- Introductions
- 2012 Electrical Issues Review
- Wisconsin Public Service Corporation (WPSC) Power Distribution Service (Green Bay and De Pere Facilities)
- Green Bay and De Pere Facilities Power Distribution Layout – Critical Processes
- Standby Generator Study and Design
- Standby Generator Operational Strategy
- Electrical System Vulnerabilities
- Risk Based Asset Management (RBAM) Asset Criticality Assessment and Capital Improvement Plan (CIP) Projects
- Open Discussion

P. Wescott gave an overview of the 2012 electrical issues along with the 2010 primary sub station fire.

G. Clabots, WPSC Regional Electrical Engineer, gave an overview of the WPSC power distribution layout for the Green Bay Facility, discussed outage history, sub station preventive maintenance practices, and corrective actions taken in 2012 as a result of outages. He then gave an overview of the WPSC power distribution layout for the De Pere Facility, discussed outage history, and sub station preventive maintenance practices.

Commissioner Hasselblad stated she recognizes WPSC as a reputable organization and would like to know with all the catastrophic events, what GBMSD can do internally. She asked if GBMSD has a plan in place in the event of a catastrophe.

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P. Wescott replied that staff has identified internal vulnerabilities and is working on minimizing or eliminating them. Plans are in place to run trials with portable emergency generators at both facilities in 2013 in the event of a major power distribution failure.

C. Schweiner discussed the power distribution layout within the property lines at both facilities along with a review of the staff evaluation and priority process when a power outage happens.

B. Angoli discussed the Wisconsin Department of Natural Resources' requirements for emergency operation and the purpose of the generator study and design.

B. Bartel reviewed how the generators are used for standby power, peak shaving, and the WPSC direct load control program.

M. Pyke discussed the vulnerabilities with the electrical system at both facilities. He provided discussion on preventive and predictive maintenance practices currently being used to minimize those vulnerabilities.

P. Wescott provided a review of the CIPs in place to address vulnerabilities at both facilities.

Commissioner Hasselblad thanked staff. She asked what the impact of high risk events would be internally and what is considered high risk. G. Clabots replied porcelain risk, aging equipment, and to prioritize what needs to be replaced now.

T. Sigmund asked what the life expectancy of medium voltage equipment is. G. Clabots replied a pole is 40 - 50 years; inspections need to be done.

P. Wescott stated GBMSD is approaching 40 years of service with a large portion of the power distribution equipment. He stated the next 10 years will require more monitoring and equipment updates.

The Commission felt this workshop was helpful and thanked staff.

There being no further business to come before the Commission, the meeting adjourned at 9:50 a.m.

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Secretary