

Webster, Clay

From: Falk, John
Sent: Thursday, February 15, 2018 2:51 PM
To: Webster, Clay
Subject: FW: Magic Hydroelectric turbine tests

fyi

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Subject: Magic Hydroelectric turbine tests

The first series of testing has been performed at the Magic Hydroelectric Plant.

Each unit was operated for at least ten minutes at a load of about one megawatt. No issues with the generators or the bearings arose. The repairs performed by HCMS and Riverside were well done and worked quite well.

The issues that did arise included a power factor controller that wouldn't respond as well as needed for continued operation. This controller is scheduled to be repaired tomorrow.

The other issues are the seating of the Turbine Inlet Valve on Unit 2 and some wicket gate adjusting. The scheduling of work that will involve draining of the tunnel will be scheduled with the Big Wood Canal Company to avoid interruption of water flow for the irrigation season.

The water flow resulting from the tests was calculated to be only 4.76 acre feet for Tuesday and 24.86 acre feet for Wednesday.

If you have any questions or comments, please contact me.

Thanks,

Bill



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