

## Ritter, Ashley

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**From:** Alan Hansten <awh@northsidecanal.com>  
**Sent:** Tuesday, June 18, 2019 8:43 AM  
**To:** Ritter, Ashley  
**Subject:** Re: NSEC Hydro Turbine Performance Curve

Hi Ashley,

On August 8, 2017 at 2 a.m. the project was producing 1,249 kW at a flow rate of 1,246 cfs.

**Alan W. Hansten, P.E.**  
**Manager**  
**North Side Canal Co., Ltd.**  
**921 North Lincoln**  
**Jerome, ID 83338**

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On Mon, Jun 17, 2019 at 10:41 AM Ritter, Ashley <[Ashley.Ritter@idwr.idaho.gov](mailto:Ashley.Ritter@idwr.idaho.gov)> wrote:

Alan,

Thank you for the sending the performance curve information. I was going to check with you to see if you could provide the maximum instantaneous flow for the entire system along with power generation at the same time stamp during the development period. I think this can be queried from the SCADA system. Let me know if you have any questions. Thanks.

**Ashley M. Ritter, E.I.T., G.I.T. | Associate Engineer**

Idaho Department of Water Resources-State Office

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**From:** Alan Hansten [mailto:[awh@northsidecanal.com](mailto:awh@northsidecanal.com)]  
**Sent:** Friday, June 14, 2019 3:13 PM  
**To:** Ritter, Ashley <[Ashley.Ritter@idwr.idaho.gov](mailto:Ashley.Ritter@idwr.idaho.gov)>  
**Subject:** NSEC Hydro Turbine Performance Curve

Hi Ashley,

I got on MAVEL's website and the product brochure has the performance curve information that you requested on page 7 for the TM 10 turbine that we are using. I've attached a copy to this email for your reference. Let me know if you have any questions.

**Alan W. Hansten, P.E.**  
**Manager**  
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