

Kevin -

We worked up the expected electrical performance data for the plants. Gross, Net, and Aux are highlighted in the tables below. This captures the power feed to the switchyard and to the CTG administration / maintenance building. The feed to the new warehouse is not captured here. I expect that power consumption will be small and likely fed off of an existing unit due to it's location.

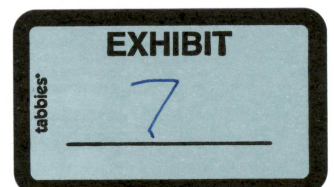
Let us know if you have questions.

See Below for RICE.

ITEM		Basin RICE
EXH. 2 - PERFORMANCE PARAMETERS		
1a. OEM Performance		
Unit Electrical Output (UEO)	kW	18,817
Plant Gross Electrical Output	kW	112,902
Auxiliary Loads (OEM Only)	kW	821
OEM Net Electrical Output	kW	112,081
1b. Expected Plant Net Performance		
Estimated BOP Plant Auxiliary Loads	kW	926
Total Plant Auxiliary Loads (Incl. OEM)	kW	1,747
Total Plant Net Output	kW	111,155

See Below for CTG.

ITEM		Basin CTG
EXH. 2 - PERFORMANCE PARAMETERS		
1a. OEM Performance		
Unit Electrical Output (UEO)	kW	229,984
Plant Gross Electrical Output	kW	459,968
Auxiliary Loads (OEM Only)	kW	790
OEM Net Electrical Output	kW	459,178



1b. Expected Plant Net Performance			
	Estimated BOP Plant Auxiliary Loads	kW	3,711
	Total Plant Auxiliary Loads (Incl. OEM)	kW	4,501
	Total Plant Net Output	kW	455,467

Ryan Carlson, PE \ Burns & McDonnell

Electrical Engineer

o 816-782-6180 \ m 913-967-9459

rccarlson@burnsmcd.com \ www.burnsmcd.com

9400 Ward Parkway \ Kansas City, MO 64114

*Registered in: FL, IL, NE, OH



Kevin L. Solie, P.E.

Senior Environmental Compliance Administrator

Basin Electric Power Cooperative

1717 E Interstate Avenue | Bismarck, ND 58503

Direct: 701.557.5495 | Cell: 701.202.5096 | Fax: 701.557.5338

ksolie@becpc.com | basinelectric.com

