

Idaho Power Redundant line
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Sent: Friday, October 21, 2016 11:06 AM
To: pzcounter
Attachments: BLaine P and Z 2.docx (130 KB)

letter to the p and Z

RECEIVED
OCT 24 2016
BLAINE COUNTY
LAND USE & BUILDING SERVICES



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October 20, 2016
Blaine County Planning and Zoning Commission,

Idaho Power bases their need to supply adequate reliability on data from 2007 when the historic winter peak load was 64 MW on New Years Eve. Since 2007 the winter peak load has decreased progressively. During the 2013 Christmas holidays the peak was 54.30MW. I have requested the most current data from IPCo. This is significant when addressing alternative emergency backup generation.

The average winter peak load (all of winter including the Christmas holidays) is 45 MW and that figure has declined from 2007.

In addition to declining peak loads there are more generators for emergency use than in the past. Before any decisions are made about the proposed line, an inventory of north valley generators should be obtained: their location and capacity.

The commission would benefit in their decision making by requesting from Sun Valley Company and IPCO the percentage of capacity for non essential use. All of the electrical operations on Baldy are added to the total load. It seems clear that running the lifts and making snow should be considered non essential uses during an emergency. However, community members involved in economic development feel that running operations on the mountain are essential uses. I consider choices for food, warmth and shelter, concerns for the elderly to be essential. Recreation is non essential.



I have supplied the commissioners with the outage history in an email sent on October 19th. The existing line has an excellent record of reliability with minimal outages over its lifetime.

1995-2014

2 momentary outages less than one minute

2 sustained unplanned outages

8/14/98 5 minutes unknown

2/08/05 58 minutes equipment failure

3 maintenance outages

5/31/95 1 hour 44 minutes maintenance

10/11/04 1 hour 48 minutes / maintenance due to vandalism
shot out conductor

9/27/11 5 hours 42 minutes maintenance

7.5 hours of planned maintenance

There were no outages from 2007 – 2010

I request the commission to ask for an independent cost analysis for alternative energy generation in the North Valley, including an emergency generating plant that addresses the more accurate peak load data included here.

I understand that the P and Z doesn't take need into account for their decision making. However, when a project of this scale is impacting so many properties and our view corridor need should be a consideration. Residential wind turbines of much less height were disallowed in the view corridor.

Also, Kiki Tidwell is sending you a proposal from NRG for an emergency generation system .

Kerrin McCall