

# **BPA Draft 5/29/02**

This is the list currently being used by BPA

## **Prioritized List of FCRPS Operations Which May Be Used During a short term NW or SW System Reliability Event**

This list has been developed to cover an unexpected loss of generation or transmission capability. The list is to be used by the BPA duty scheduler when the system cannot be maintained using normal operating procedures. Examples of the type of incidents where lists of this nature have been needed in the past are loss of all generation at GCL due to a fire in the powerhouse. Transmission lines shorting out and causing thirteen states on the west coast to experience some form of power interruption. Fires under the transmission lines during extremely warm weather causing the lines to be taken out of service. All of these are unexpected outages where immediate actions must be taken to maintain the integrity of the power system.

1. Purchase all available energy
2. GCL – draft at 1.5 ft/day (or until restricted by JDA cutplane)
3. Banks Lake – operate PGs / sag on Banks Lake to elevation 1565 ft.
4. IHR – reduce spill to 25 kcfs
5. LGS – reduce spill to 20 kcfs (at night)
6. TDA – reduce spill to 30%
7. JDA – reduce daytime spill to zero
8. BON – reduce daytime spill to 50 kcfs
9. BON – operate outside of 1% operating efficiency
10. MCN – reduce spill to 50 kcfs (if spilling)
11. HGH – operate all available units (daily shaping as necessary)
12. MCN – operate outside 1% up to full overload (approx. 81 megawatts per unit)
13. LGS – reduce spill to zero (if spilling)
14. JDA – reduce spill to zero
15. TDA – reduce spill to zero
16. BON – reduce spill to zero

Possible options if the operation is of a long duration.

- Increase Willamette Projects' generation for peaking
- JDA – increase operating range to 265 ft. to 262.5 ft.
- Snake River Projects – go to zero nighttime flow
- GCL – increase draft to 2 ft/day
- DWR – increase discharge to 21 kcfs
- LWG – utilize full operating pool
- LIB – operate all available units (daily shaping as necessary)
- JDA – increase operating pool range to a low of 260 ft.
- MCN – pull fish screens

The above list has been coordinated with the Technical Management Team (TMT). If the emergency is expected to be longer than a day, additional coordination will occur with the TMT.

Emergency declarations, notifications, and coordination for all system reliability events will be implemented in accordance with the TMT document “FCRPS Protocols for Emergency Operations in Response to Generation , Transmission or other Emergencies” dated February 6, 2002.

*Emergency actions list 5/29/02.*