

**Columbia River Regional Forum**  
**TECHNICAL MANAGEMENT TEAM MEETING OFFICIAL MINUTES**

**April 20, 2016**  
Minutes: Pat Vivian

***1. Introduction***

Representatives of BPA, COE, NOAA, Washington, CRITFC/Umatilla, Montana and Oregon participated in today's TMT conference call. Doug Baus, COE, chaired and facilitated the meeting. These notes are an official record of the discussion, not a verbatim transcript.

***2. Ice Harbor Dam Transmission Emergency***

Yesterday, 4/19 at 1818 hours, BPA declared a transmission system emergency due to overloading issues in the Tri-Cities area during a scheduled line outage for maintenance, Tony Norris, BPA, reported. As a result of the emergency, BPA increased generation at Ice Harbor Dam, which reduced spill below the FOP level of nighttime TDG cap until approximately 10 minutes after midnight when the emergency was lifted. A major factor in the transmission emergency was April's record-setting high temperatures.

Steve Felker, BPA, who manages the Monro Control Center, gave further details of how the transmission maintenance work affected system reliability. Yesterday morning, crews took a transformer out of service for repairs that were scheduled at that time based on an analysis of expected load conditions. The transformer bank will be returned to service tonight, but the exact time is not known. To make it through the transmission emergency, IHR generation was increased from 65 to 110 MW at 6:18 pm, then to 150 MW at 6:54 pm, and to 400 MW at 7:24 pm.

Because this condition is expected to reoccur tonight, BPA is requesting to switch Ice Harbor to a 30% spill treatment as soon as possible this afternoon through 0500 tomorrow morning in order to support the increased load and avoid another transmission system emergency. BPA expects to complete the repairs and return the line to service tonight, which will alleviate the need for further spill adjustments. The AAs will resume the previously scheduled spill operation (Day 45 kcfs/Night TDG Cap) identified in the FOP tomorrow, 4/21 at 0500 hours.

In order to maintain the same number of spill treatments over the season, the AAs will change the spill operation on April 28 at 0500 from the previously scheduled 30% to Day 45 kcfs/Night TDG cap through April 29 at 0500. The revised spill treatment schedule is posted to today's agenda.

Due to the need to avoid another transmission emergency tonight, the AAs ability to modify the operation as described above was limited, Baus stated. Nevertheless,

**Umatilla, NOAA** and **Washington** voiced approval of the operation as the best possible way to handle the situation and **Oregon** had no objection.

The COE will provide an update on Ice Harbor operations at the next TMT meeting April 27.

<b><i>Name</i></b>	<b><i>Affiliation</i></b>
Tony Norris	BPA
Paul Wagner	NOAA
Charles Morrill	Washington
Tom Lorz	CRITFC/Umatilla
Jim Litchfield	Montana
Erick Van Dyke	Oregon
Scott Bettin	BPA
Trevor Conder	NOAA
Wayne Jousma	COE
Laura Hamilton	COE
Rich Ellison	BPA
Steve Felker	BPA
Steve Hitchens	BPA
James Long	BPA
Michael Bryant	CBB
Makary Hutson	BPA