



Transmission Services

2030 Planning Base Case Assumptions

This document provides the list of assumptions used to develop the base case for calculating ATC on BPA's internal paths. Base cases were developed in 2020 representing a 2030 system. Assumptions are broken into four (4) categories: Load, Infrastructure Projects, Interties, and Generation.

Assumptions were applied to three (3) seasonal studies as follows. Seasons definitions are based on load and generation patterns observed during those times of the year. The month in parentheses is the worst case month for each season from an overall system standpoint.

- Winter (January 2030) - November 2029 through February 2030,
- Spring (May 2030) - May 2030,
- Summer (August 2030) - July through August 2030

Loads	
<u>DSI</u>	<u>MW</u>
Intalco	403
Winter/Summer: Federal/Non-Federal 1 in 2 probability forecast	
Spring: 69% of peak summer forecast	

Infrastructure Projects
<u>Project</u>
Slatt-Buckley 500 kV Series Capacitor
Schultz-Wautoma 500 kV Series Capacitor

Interties				
<u>Location</u>	<u>Winter</u>	<u>Spring</u>	<u>Late Sum</u>	<u>Notes</u>
Northern Intertie	--	--	1417	N-S BPA
	-1100	-1100	--	Entitlement Return (Exports to Canada)
Montana to Northwest	1120	2200	945	
Idaho to Northwest	-690	-460	-460	
COI	3994	3994	3994	
PDCI	1344	3100	1344	

Key for intertie assumptions: 1. Positive number indicates flow either the North to South or East to West direction.