Path 3: NW-BC Interchange

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Data Sources

BPA

- https://transmission.bpa.gov/business/operations/paths/

EIA

- https://www.eia.gov/electricity/gridmonitor/dashboard/electric_overview/US48/US48
- -> Download Data -> 6 Month Files -> Balance Files

BCHA Loads

- https://www.bchydro.com/energy-in-bc/operations/transmission/transmission-system/balancing-authority-load-data.html

NW-BC Heavy Summer

27HS3-OP has a 2300 Schedule, N-S.

CASE DESCRIPTION	2027 HEAVY SUMMER–27HS3-OP		
CASE DUE DATES:	To Area Coordinator: April 10, 2026 To WECC Staff: May 8, 2026		
PURPOSE: *Operating Case*—To represent anticipated operating conditions during heavy load periods. Heavy flows to California from the Northwest and moderate flows elsewhere.			
ITEMS TO BE PREPARED:	From Case	2026 HS3 OP	
	Stability Data	Master Dynamics File	
	Significant Changes	From Existing System	
LOADS:	Expected peak load for the months of June through August		
TIME:	1500–1700 hours MDT		
INTERCHANGE	CONDITION	TARGET	% RATING
Northwest to British Columbia (Path 3)	Heavy	-2300	73%

2300 MW

NW-BC Heavy Summer

5Y & 10Y

CASE DESCRIPTION	2032 HEAVY SUMMER—32HS2
CASE DUE DATES:	To Area Coordinator: January 9, 2026 To WECC Staff: February 6, 2026
PURPOSE: *General Five-year Case*—With typical flows through WECC.	

INTERCHANGE	CONDITION	TARGET	% RATING
Northwest to British Columbia (Path 3)	Moderate	<2000	66%

CASE DESCRIPTION	2037 HEAVY SUMMER—37HS1
CASE DUE DATES:	To Area Coordinator: May 8, 2026 To WECC Staff: June 5, 2026
PURPOSE: *General 10-year Case*—With typical flows through WECC.	

INTERCHANGE	CONDITION	TARGET	% RATING
Northwest to British Columbia (Path 3)	Moderate	<-2000	66%

<2000 ?
<-2000 ?
…
Change them both to:
-2000

NW-BC Heavy Summer

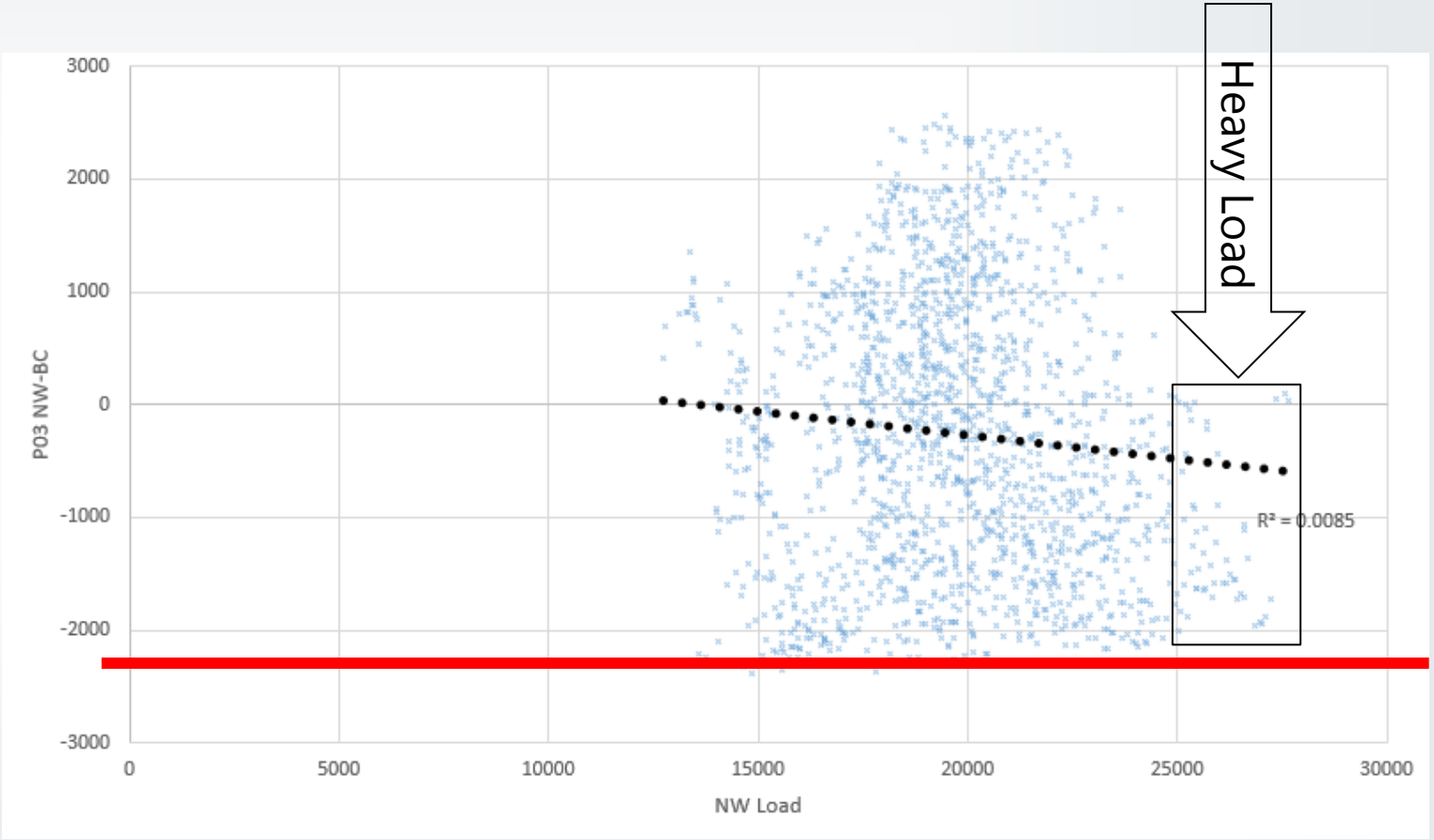
Historical is between [-2, 0] GW of Flow

Ops:	-2300
5Y:	-2000
10Y:	-2000

Year: 2020-2025

Hour: 14-16 Pacific

Season: Summer



Keep as-is! ☺

This is a heavy NW-CA case, per description. Keep 5Y & 10Y as-is as well.

NW-BC: Heavy Winter

27HW3-OP has a 1500MW S-N Schedule

CASE DESCRIPTION	2026-27 HEAVY WINTER—27HW3-OP		
CASE DUE DATES:	To Area Coordinator: November 7, 2025		
	To WECC Staff: December 5, 2025		
PURPOSE: *Operating Case*—To represent anticipated operating conditions at winter peak loads.			
ITEMS TO BE PREPARED:	From Case	2025-26 HW3 OP	
	Stability Data	Master Dynamics File	
	Significant Changes	From Existing System	
LOADS:	Expected peak load for the months of December through February		
TIME:	1800–2000 hours MST		
INTERCHANGE	CONDITION	TARGET	% RATING
Northwest to British Columbia (Path 3)	Moderate	1500[1]	50%

NW-BC: Heavy Winter

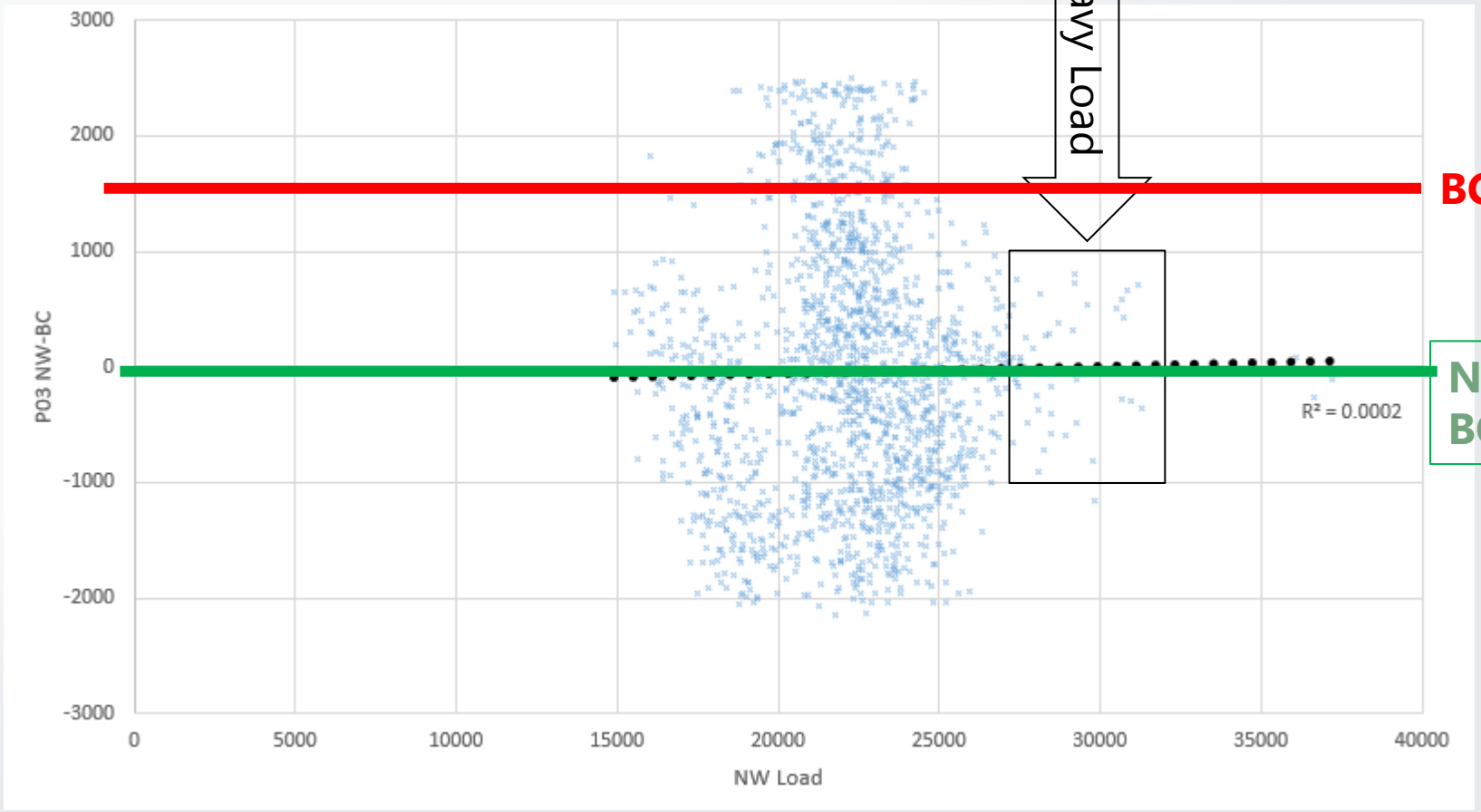
Historical Flow is between +/- 1GW of Flow

Proposed 0 MW for Heavy Winter cases for:
- Ops
- 5 Year
- 10 Year

Year: 2020-2025

Hour: 17-19 Pacific

Season: Winter



Note: Trend is similar when plotted against BCHA Load instead of NW Load

BCCS: Path 3 Interchange Targets Proposed Edits

N	Case	Type	Season	Hours (MT)	*Seed Case MW Transaction	* 2026 BCCS MW	Proposed for 2027 BCCS
2	2026-27 HW3-OP	Heavy	Winter	1800–2000	1500	1500	0
3	2026-27 LW1-OP	Light	Winter	0300–0500	n/a - not a similar seed.	1500	1500
4	2027 HSP1-OP	Heavy	Spring	1600–2000	1400	1400	1400
5	2031-32 HW2	Heavy	Winter	1800–2000	1500	1500	0
6	2032 HS2	Heavy	Summer	1500–1700	-2000	<2000	-2000
7	2027 HS3-OP	Heavy	Summer	1500–1700	-2300	-2300	-2300
8	2027 LS1-OP	Light	Summer	0400–0600	n/a - not a similar seed.	-2300	-2300
9	2036-37 HW1	Heavy	Winter	1800–2000	1500	1500	0
10	2037 HS1	Heavy	Summer	1500–1700	-2000	<-2000	-2000

Heavy Winter:
Ops, 5Y, 10Y
Path 3 = 0 MW

Heavy Summer:
5Y, 10Y
Path 3 = 2000 MW N-S

WPP


Questions?