

2026 Base Case Compilation Schedule

System Review Subcommittee (SRS)

Approved June 12, 2025

Introduction

The System Review Subcommittee (SRS) compiles steady-state and dynamic base cases to meet WECC's requirements to compile interconnection-wide base cases. The 2026 Base Case Compilation Schedule provides descriptions of and a schedule for base cases to be compiled during the 2025–26 calendar year.

Objectives

1. Provide a detailed schedule to appropriate stakeholders to identify necessary data submissions and data review milestones to compile base cases.
2. Identify base cases to be compiled. A typical annual base case compilation schedule includes:
 - a. Five operating cases;
 - b. Two specialized cases;
 - c. One five-year summer planning case;
 - d. One five-year winter planning case;
 - e. One 10-year summer planning case; and
 - f. One 10-year winter planning case.

Supporting Information

Promptly submitting steady-state and dynamics data is necessary to maintain the 2026 Base Case Compilation Schedule. If steady-state and dynamic data is submitted late, the SRS will follow the Late Data Procedure provided in WECC's Data Preparation Manual (DPM).

Typical base cases are meant to model anticipated load level but may model slightly heavier or slightly lighter than anticipated load levels to get desired stressed transfer levels on designated paths. Base cases usually include operating cases, five-year cases, 10-year cases, and other cases as requested by the Reliability Assessment Committee (RAC). Specialized base cases aim to represent critical operating conditions like severe weather events, equipment out of service (transmission lines, reactive devices, or static Var compensators), unusual generation patterns due to forced outages, or insecure voltage conditions. Some cases may represent extreme load conditions (up to 105% of forecast peak) in a sub-region. Data submitters should not be reluctant to model a condition due to lack of historical record of the specialized case actually occurring.



The 2026 Base Case Compilation Schedule includes the following base cases:

- Operating base cases
 - [2026–27 Heavy Winter](#)
 - [2026–27 Light Winter](#)
 - [2027 Heavy Spring](#)
 - [2027 Heavy Summer](#)
 - [2027 Light Summer](#)
- Five-year base cases
 - [2031–32 Heavy Winter](#)
 - [2032 Heavy Summer](#)
- 10-year base cases
 - [2036-37 Heavy Winter](#)
 - [2037 Heavy Summer](#)
- Specialized base cases
 - [2027 Light Autumn](#)
 - [2046 Heavy Summer](#)

Generation and load levels in the base case description sheets refer to the season being studied. For example, if a case description sheet for a winter base case calls for high hydro in a specific area, this means high levels of hydro generation for a winter condition. In some areas, a high level of hydro generation in the winter may be less than median hydro generation levels in the spring or summer. Also, light loads may be increased in the importing areas or heavy loads may be decreased in exporting areas to represent the desired interchange schedules. Renewable generation, when specified, should be based on each entity's Renewable Portfolio Standard. Specific information on the desired load levels is in the base case description sheets and should be used as a guide in preparing cases. All loads are coincident unless indicated otherwise. Specified time supersedes specified percentage of load.

Interchange Schedules in the base case description sheets refer to the target flows that should be reached to represent anticipated flow levels and direction for the season being studied. Targets may be changed as anticipated operating conditions become clearer. Where no target flows are specified, actual scheduled transfers should be based on each area's load and generation balance (deficiency/surplus) and economical generation dispatch. Keep the purpose of the case in mind and coordinate schedules between areas before data submission.

Only corrections to the Master Dynamics File or new data for it need to be submitted for each case build.

During the process of compiling each base case, WECC staff and the functional entities participating in the process should follow the data requirements and procedures outlined in the WECC DPM.

Following the documented requirements and procedures will help develop base cases with compatible steady-state and dynamic data, ensure that the interconnection-wide model is adequate, and continually improve the accuracy of the data submitted.

Case	Date Data Request Mailed	Date Data Due to Sub-Coordinate L&R Info	Date Data Due to Area Coordinator	Date Area Coordinator Due to WECC Staff	WECC Staff Send Case for Review	Date Comments Due to Area Coordinator	Date Area Coordinator Comments Due to WECC Staff	WECC Staff Finalize Date
2035-36 HW1*	4/11/25	5/2/25	5/9/25	6/6/25	6/27/25	7/18/25	8/8/25	8/29/25
2036 HS1*								
2026 HS4S*	5/9/25	5/30/25	6/6/25	6/27/25	7/18/25	8/8/25	9/5/25	9/26/25
2027 LA1S	9/12/25	9/26/25	10/3/25	10/24/25	11/21/25	12/12/25	1/16/26	2/6/26
2026-27 HW3-OP	10/10/25	10/31/25	11/7/25	12/5/25	1/9/26	2/6/26	2/27/26	3/27/26
2026-27 LW1-OP								
2027 HSP1-OP	11/7/25	11/26/25	12/5/25	1/9/26	2/6/26	2/27/26	3/20/26	4/10/26
2031-32 HW2	12/5/25	12/19/25	1/9/26	2/6/26	3/6/26	3/27/26	4/17/26	5/15/26
2032 HS2								
2027 HS3-OP	3/13/26	4/3/26	4/10/26	5/8/26	6/5/26	6/26/26	7/17/26	8/7/26
2027 LS1-OP								
2036-37 HW1	4/10/26	5/1/26	5/8/26	6/5/26	7/3/26	7/24/26	8/14/26	9/4/26
2037 HS1								
2046 HS1S	5/8/26	5/29/26	6/5/26	7/10/26	7/24/26	8/14/26	9/11/26	10/2/26

* [2025 Case Schedule](#)



CASE DESCRIPTION**2027 LIGHT AUTUMN—27LA1S****CASE DUE DATES:**

To Area Coordinator: October 3, 2025

To WECC Staff: October 24, 2025

PURPOSE: *Specialized Case*—Prepare a fall case with low spinning reserves / system inertia in the British Columbia, Northwest, and Northern California areas (few units online) with light interarea transfers, except for moderate-to-heavy interarea transfers from California to Northwest to study the year 2027. Light transfers on transmission paths could produce higher voltages in these areas. The case proposal was based upon a similar system scenario that occurred on 9/24/2023 at 1200 MDT.

ITEMS TO BE PREPARED:

From Case 2026 HS3-OP

Stability Data Master Dynamics File

Significant ChangesFrom Existing System

LOADS:

Light; minimum daytime loads for Autumn.

TIME:

1100–1300 hours MDT

RATINGS:

As appropriate for temperatures associated with the conditions modeled.

GENERATION:

	<u>HYDRO</u>	<u>THERMAL</u>	<u>RENEWABLE</u>
Canada	Light	--	--
Northwest	Light	--	--
Idaho/Montana	--	--	--
Utah/Colorado/Wyoming	--	--	--
Northern California Hydro	Light	--	--
Northern California	--	--	--
Southern California	--	--	High
Arizona/New Mexico/Southern Nevada	--	--	--

INTERCHANGE

	<u>CONDITION</u>	<u>TARGET</u>	<u>% RATING</u>
Northwest to British Columbia (Path 3)	Light	0	0%
Northwest to California/Nevada			
COI (Path 66)	South to North	2000	54%
PDCI (Path 65)	South to North	2200	71%
Midway–Los Banos S-N (Path 15)	--	--	--
Idaho to Northwest (Path 14)	East to West	350	15%
Montana to Northwest (Path 8)	East to West	500	23%
Utah/Colorado to Southwest (Path 31, 35, 78)	--	--	--
Southwest to Calif. (EOR Path 49/WOR Path 46)	--	--/--	--/--



Intermountain to Adelanto DC (Path 27)	--	--	--
San Diego to CFE (Path 45)	--	--	--
Northern to Southern California (Path 26)	--	--	--

¹Minimum flows are required to represent the Canadian Entitlement.

CASE DESCRIPTION		2026-27 HEAVY WINTER—27HW3-OP	
CASE DUE DATES:		To Area Coordinator: November 7, 2025	
		To WECC Staff: December 5, 2025	
PURPOSE: <i>Operating Case</i> —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	
RATINGS:		As appropriate for temperatures associated with the conditions modeled.	
GENERATION:	<u>HYDRO</u>	<u>THERMAL</u>	<u>RENEWABLE</u>
Canada	High/Median	--	--
Northwest	High/Median	High	--
Idaho/Montana	Median	High	--
Utah/Colorado/Wyoming	Low	High	--
Northern California Hydro	Median	--	--
Northern California	Low	High	--
Southern California	Low	High	--
Arizona/New Mexico/Southern Nevada	Low	High	--
INTERCHANGE	<u>CONDITION</u>	<u>TARGET</u>	<u>% RATING</u>
Northwest to British Columbia (Path 3)	Moderate	1500 ¹	50%
Northwest to California/Nevada			
COI (Path 66)	South to North	1500	41%
PDCI (Path 65)	Low	0	0%
Midway–Los Banos S-N (Path 15)	--	--	--
Idaho to Northwest (Path 14)	--	--	--
Montana to Northwest (Path 8)	Moderate	1400	64%
Utah/Colorado to Southwest (Path 31, 35, 78)	--	--	--
Southwest to Calif. (EOR Path 49/WOR Path 46)	Moderate	4000/5000	43%/47%
Intermountain to Adelanto DC (Path 27)	Heavy	2100	88%
San Diego to CFE (Path 45)	--	60	15%



Northern to Southern California (Path 26)	South to North	700	23%
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¹Minimum flows are required to represent the Canadian Entitlement.

CASE DESCRIPTION**2026-27 LIGHT WINTER—27LW1-OP****CASE DUE DATES:**

To Area Coordinator: November 7, 2025

To WECC Staff: December 5, 2025

PURPOSE: *Operating Case*—To represent anticipated operating conditions during light load periods.**ITEMS TO BE PREPARED:**

From Case 2025-26 HW3 OP

Stability Data Master Dynamics File

Significant Changes From Existing System

LOADS:

Expected minimum load for the months of December through February

TIME:

0300–0500 hours MST

RATINGS:

As appropriate for temperatures associated with the conditions modeled.

GENERATION:

	<u>HYDRO</u>	<u>THERMAL</u>	<u>RENEWABLE</u>
Canada	Median/Low	--	--
Northwest	Low	Median/Low	--
Idaho/Montana	Median	Median	--
Utah/Colorado/Wyoming	Low	Median	--
Northern California Hydro	Median	--	--
Northern California	Low	Median	--
Southern California	--	Median	--
Arizona/New Mexico/Southern Nevada	--	Median	--

INTERCHANGE

	<u>CONDITION</u>	<u>TARGET</u>	<u>% RATING</u>
Northwest to British Columbia (Path 3)	Moderate	1500 ¹	50%
Northwest to California/Nevada			
COI (Path 66)	Low	500-1000	10–20%
PDCI (Path 65)	Low	300	10%
Midway–Los Banos S-N (Path 15)	Moderate	3450	64%
Idaho to Northwest (Path 14)	Moderate	>1000	42%
Montana to Northwest (Path 8)	Heavy	1600	73%
Utah/Colorado to Southwest (Path 31, 35, 78)	--	--	--
Southwest to Calif. (EOR Path 49/WOR Path 46)	Moderate	5100/6900	54%/65%
Intermountain to Adelanto DC (Path 27)	Moderate	1600	67%
San Diego to CFE (Path 45)	Low	60	15%
Northern to Southern California (Path 26)	Low	-1000	33% (S-N)



¹Minimum flows are required to represent the Canadian Entitlement.

CASE DESCRIPTION**2027 HEAVY SPRING—27HSP1-OP****CASE DUE DATES:**

To Area Coordinator: December 5, 2025

To WECC Staff: January 9, 2026

PURPOSE: *Operating Case*—To represent anticipated operating conditions with high flows from Northwest to California.

ITEMS TO BE PREPARED:

From Case 2026 HSP1 OP

Stability Data Master Dynamics File

Significant Changes From Existing System

LOADS:

Expected peak load for the months of March through May

TIME:

1600–2000 hours MDT

RATINGS:

As appropriate for temperatures associated with the conditions modeled.

GENERATION:

	<u>HYDRO</u>	<u>THERMAL</u>	<u>RENEWABLE</u>
Canada	Median	--	--
Northwest	High	Low	--
Idaho/Montana	High	Median	--
Utah/Colorado/Wyoming	Median	Median	--
Northern California Hydro	Median	--	--
Northern California	High	Low	--
Southern California	--	--	--
Arizona/New Mexico/Southern Nevada	Median	Median	--

INTERCHANGE

	<u>CONDITION</u>	<u>TARGET</u>	<u>% RATING</u>
Northwest to British Columbia (Path 3)	Moderate	1400 ¹	46%
Northwest to California/Nevada			
COI (Path 66)	Maximum	4800	100%
PDCI (Path 65)	Heavy	2800	88%
Midway–Los Banos S-N (Path 15)	--	--	--
Idaho to Northwest (Path 14)	Low	-400	33%
Montana to Northwest (Path 8)	Moderate	1500	68%
Utah/Colorado to Southwest (Path 31, 35, 78)	--	--	--
Southwest to Calif. (EOR Path 49/WOR Path 46)	Low	3600/4500	38%/43%
Intermountain to Adelanto DC (Path 27)	Heavy	2000	83%
San Diego to CFE (Path 45)	Low	60	15%
Northern to Southern California (Path 26)	Moderate	2800	70%



¹Minimum flows are required to represent the Canadian Entitlement.

CASE DESCRIPTION**2031-32 HEAVY WINTER—32HW2****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.***ITEMS TO BE PREPARED:**

From Case 2030-31 HW2

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

RATINGS:

As appropriate for temperatures associated with the conditions modeled.

GENERATION:

	<u>HYDRO</u>	<u>THERMAL</u>	<u>RENEWABLE</u>
Canada	High	--	--
Northwest	High	High	--
Idaho/Montana	Median	High	--
Utah/Colorado/Wyoming	Low	High	--
Northern California Hydro	Median	--	--
Northern California	Low	Median	--
Southern California	Low	Median	--
Arizona/New Mexico/Southern Nevada	Low	Median	--

INTERCHANGE

	<u>CONDITION</u>	<u>TARGET</u>	<u>% RATING</u>
Northwest to British Columbia (Path 3)	Moderate	1500 ¹	50%
Northwest to California/Nevada			
COI (Path 66)	South to North	2000	54%
PDCI (Path 65)	Low	0	0%
Midway–Los Banos S-N (Path 15)	--	--	--
Idaho to Northwest (Path 14)	--	--	--
Montana to Northwest (Path 8)	--	--	--
Utah/Colorado to Southwest (Path 31, 35, 78)	--	--	--
Southwest to Calif. (EOR Path 49/WOR Path 46)	--	--/--	--/--
Intermountain to Adelanto DC (Path 27)	--	--	--
San Diego to CFE (Path 45)	--	--	--
Northern to Southern California (Path 26)	South to North	3000	100%



¹Minimum flows are required to represent the Canadian Entitlement.

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.***ITEMS TO BE PREPARED:**

From Case 2031 HS2

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

RATINGS:

As appropriate for temperatures associated with the conditions modeled.

GENERATION:

	<u>HYDRO</u>	<u>THERMAL</u>	<u>RENEWABLE</u>
Canada	High	--	--
Northwest	Median	High	--
Idaho/Montana	Median	High	--
Utah/Colorado/Wyoming	Low	High	--
Northern California Hydro	High	--	--
Northern California	High	High	--
Southern California	Low	High	--
Arizona/New Mexico/Southern Nevada	Low	High	--

INTERCHANGE

	<u>CONDITION</u>	<u>TARGET</u>	<u>% RATING</u>
Northwest to British Columbia (Path 3)	Moderate	<2000	66%
Northwest to California/Nevada			
COI (Path 66)	--	--	--
PDCI (Path 65)	--	--	--
Midway–Los Banos S-N (Path 15)	--	--	--
Idaho to Northwest (Path 14)	--	--	--
Montana to Northwest (Path 8)	--	--	--
Utah/Colorado to Southwest (Path 31, 35, 78)	--	--	--
Southwest to Calif. (EOR Path 49/WOR Path 46)	--	--/--	--/--
Intermountain to Adelanto DC (Path 27)	--	--	--
San Diego to CFE (Path 45)	--	--	--
Northern to Southern California (Path 26)	--	--	--





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

RATINGS:

As appropriate for temperatures associated with the conditions modeled.

GENERATION:

	<u>HYDRO</u>	<u>THERMAL</u>	<u>RENEWABLE</u>
Canada	High	--	--
Northwest	Median/High	High	--
Idaho/Montana	Median	High	--
Utah/Colorado/Wyoming	Low	High	--
Northern California Hydro	High	--	--
Northern California	High	High	--
Southern California	Low	High	--
Arizona/New Mexico/Southern Nevada	Low	High	--

INTERCHANGE

	<u>CONDITION</u>	<u>TARGET</u>	<u>% RATING</u>
Northwest to British Columbia (Path 3)	Heavy	-2300	73%
Northwest to California/Nevada COI (Path 66)	Maximum	4800	100%
PDCI (Path 65)	Heavy	2800	88%
Midway–Los Banos S-N (Path 15)	--	--	--
Idaho to Northwest (Path 14)	Light	--	--
Montana to Northwest (Path 8)	Moderate	1200	55%
Utah/Colorado to Southwest (Path 31, 35, 78)	--	--	--
Southwest to Calif. (EOR Path 49/WOR Path 46)	Low/Moderate	3000/5800	32%/57%
Intermountain to Adelanto DC (Path 27)	Heavy	2200	92%
San Diego to CFE (Path 45)	Low	150	37%
Northern to Southern California (Path 26)	Heavy	4000	100%



CASE DESCRIPTION**2027 LIGHT SUMMER—27LS1-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 light load periods. Moderate flows from the Northwest to California and moderate to heavy flows from Idaho/Montana to the Northwest.

ITEMS TO BE PREPARED:

From Case	2026 HS3 OP
Stability Data	Master Dynamics File
Significant Changes	From Existing System

LOADS:

Expected minimum load for the months of June through August

TIME:

0400–0600 hours MDT

RATINGS:

As appropriate for temperatures associated with the conditions modeled.

GENERATION:

	<u>HYDRO</u>	<u>THERMAL</u>	<u>RENEWABLE</u>
Canada	Median	--	--
Northwest	Median	--	--
Idaho/Montana	Median	High	--
Utah/Colorado/Wyoming	Median	Median	--
Northern California Hydro	Median	--	--
Northern California	--	High	--
Southern California	--	--	--
Arizona/New Mexico/Southern Nevada	--	--	--

INTERCHANGE

	<u>CONDITION</u>	<u>TARGET</u>	<u>% RATING</u>
Northwest to British Columbia (Path 3)	Heavy	-2300	73%
Northwest to California/Nevada			
COI (Path 66)	Maximum	4800	100%
PDCI (Path 65)	Heavy	2800	88%
Midway–Los Banos S-N (Path 15)	--	--	--
Idaho to Northwest (Path 14)	Light	--	--
Montana to Northwest (Path 8)	Moderate	1200	55%
Utah/Colorado to Southwest (Path 31, 35, 78)	--	--	--
Southwest to Calif. (EOR Path 49/WOR Path 46)	Low/Moderate	3000/5800	32%/57%
Intermountain to Adelanto DC (Path 27)	Low	900-1000	38-42%
San Diego to CFE (Path 45)	Low	150	37%
Northern to Southern California (Path 26)	Heavy	4000	100%



CASE DESCRIPTION**2036-37 HEAVY WINTER—37HW1****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.***ITEMS TO BE PREPARED:**

From Case 2035-36 HW1

Stability Data Master Dynamics File

Significant From Existing System
Changes**LOADS:**

Expected peak load for the months of December through February

TIME:

1800–2000 hours MST

RATINGS:

As appropriate for temperatures associated with the conditions modeled.

GENERATION: Ensure that your entity's resource planner is consulted concerning the resources being represented in this power flow base case.

	<u>HYDRO</u>	<u>THERMAL</u>	<u>RENEWABLE</u>
Canada	High	--	--
Northwest	High	High	--
Idaho/Montana	Median	High	--
Utah/Colorado/Wyoming	Low	High	--
Northern California Hydro	Median	--	--
Northern California	Low	Median	--
Southern California	Low	Median	--
Arizona/New Mexico/Southern Nevada	Low	Median	--
INTERCHANGE	<u>CONDITION</u>	<u>TARGET</u>	<u>% RATING</u>
Northwest to British Columbia (Path 3)	Moderate	1500 ¹	50%
Northwest to California/Nevada			
COI (Path 66)	South to North	2500	68%
PDCI (Path 65)	Low	0	0%
Midway–Los Banos S-N (Path 15)	--	--	--
Idaho to Northwest (Path 14)	--	--	--
Montana to Northwest (Path 8)	--	--	--
Utah/Colorado to Southwest (Path 31, 35, 78)	--	--	--
Southwest to Calif. (EOR Path 49/WOR Path 46)	--	--/--	--/--



Intermountain to Adelanto DC (Path 27)	--	--	--
San Diego to CFE (Path 45)	--	--	--
Northern to Southern California (Path 26)	South to North	3000	100%

¹Minimum flows are required to represent the Canadian Entitlement.

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.

ITEMS TO BE PREPARED:

From Case	2036 HS1
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

RATINGS: As appropriate for temperatures associated with the conditions modeled.

GENERATION: Ensure that your entity's resource planner is consulted concerning the resources being represented in this power flow base case.

	<u>HYDRO</u>	<u>THERMAL</u>	<u>RENEWABLE</u>
Canada	High	--	--
Northwest	Median	High	--
Idaho/Montana	Median	High	--
Utah/Colorado/Wyoming	Low	High	--
Northern California Hydro	High	--	--
Northern California	High	High	--
Southern California	Low	High	--
Arizona/New Mexico/Southern Nevada	Low	High	--

INTERCHANGE	<u>CONDITION</u>	<u>TARGET</u>	<u>% RATING</u>
Northwest to British Columbia (Path 3)	Moderate	<-2000	66%
Northwest to California/Nevada			
COI (Path 66)	--	--	--
PDCI (Path 65)	--	--	--
Midway–Los Banos S-N (Path 15)	--	--	--
Idaho to Northwest (Path 14)	--	--	--
Montana to Northwest (Path 8)	--	--	--
Utah/Colorado to Southwest (Path 31, 35, 78)	--	--	--
Southwest to Calif. (EOR Path 49/WOR Path 46)	--	--/--	--/--
Intermountain to Adelanto DC (Path 27)	--	--	--



San Diego to CFE (Path 45)	--	--	--
Northern to Southern California (Path 26)	--	--	--

CASE DESCRIPTION**2046 HEAVY SUMMER—46HS1S****CASE DUE DATES:**

To Area Coordinator: June 5, 2026

To WECC Staff: July 10, 2026

PURPOSE: *Specialized Case*—Develop a heavy summer base case power flow only that represents 2046, consistent with the [LTPTF Recommendation](#). This case will require internal coordination between the transmission planners that typically develop base cases and the resource planners that develop Year 20 forecasts for generation and demand. This case must include the same generation and demand provided through the 2026 Loads and Resources data submit that includes a Year 20 forecast. This case will serve as one of the starting cases for the studies required under FERC order 1920.

ITEMS TO BE PREPARED:

From Case	2036 HS1
Stability Data	None needed
Significant Changes	From Existing System with in-service dates

LOADS:

100% summer peak 1-in-2 years load in 2046.

TIME:

Forecasted Peak Hour for data submitter area.

RATINGS:

As appropriate for temperatures associated with the conditions modeled.

GENERATION:

Consistent with the 20-year generation forecast developed by your entity's resource planners.

	<u>HYDRO</u>	<u>THERMAL</u>	<u>RENEWABLE</u>
Canada	--	--	--
Northwest	--	--	--
Idaho/Montana	--	--	--
Utah/Colorado/Wyoming	--	--	--
Northern California Hydro	--	--	--
Northern California	--	--	--
Southern California	--	--	--
Arizona/New Mexico/Southern Nevada	--	--	--
INTERCHANGE	<u>CONDITION</u>	<u>TARGET</u>	<u>% RATING</u>
Northwest to British Columbia (Path 3)	--	--	--
Northwest to California/Nevada COI (Path 66)	--	--	--
PDCI (Path 65)	--	--	--
Midway–Los Banos S-N (Path 15)	--	--	--
Idaho to Northwest (Path 14)	--	--	--



Montana to Northwest (Path 8)	--	--	--
Utah/Colorado to Southwest (Path 31, 35, 78)	--	--	--
Southwest to Calif. (EOR Path 49/WOR Path 46)	--	--	--
Intermountain to Adelanto DC (Path 27)	--	--	--
San Diego to CFE (Path 45)	--	--	--
Northern to Southern California (Path 26)	--	--	--

WECC Base Cases Listed by Year of Compilation

(i.e., 20 = 2020 Compiled Base Case) winter cases identified by the second year of case (e.g., 20 for 19–20 HW)								
Year	Winter		Spring		Summer		Autumn	
	Light	Heavy	Light	Heavy	Light	Heavy	Light	Heavy
2022	21OP	11G, 16G, 21OP	12S, 21S	21OP	11S, 21OP	16G, 21OP, 22S		
2023	22OP	17G, 20G, 22OP		22OP	22OP	12G, 17G, 20G, 22OP		
2024	23OP	13G, 18G, 23OP	20S, 23S	23OP, 23S	23OP	13S, 18G, 23OP		
2025	24OP	14G, 19G, 24OP	24S	25OP	24OP	14G, 19G, 21S, 24OP		
2026	25OP	15G, 20G, 25OP	25S	25OP	25OP	15G, 20G, 25OP, 25S		
2027	26OP	16G, 21G, 26OP		26OP	26OP	16G, 21G, 26OP	26S	
2028		17G, 22G				17G, 22G		
2029		18G, 23G		18S		18G, 23G		
2030		19G, 24G	19S			19G, 24G		
2031		20G, 25G				20G, 25G		
2032		21G, 26G				21G, 26G		
2033		22G	22S			22G		
2034		23G	24S			23G		
2035		24G				24G		
2036		25G				25G		
2037		26G				26G		
2046						26S		
S—Specialized Case					Current Compilation Schedule			
G—General/Planning Case								
OP—Operating/OTC Case					Proposed Cases			
V—Validation Case (placeholder)								