<Public>

Attachment 1—Specialized Case Request Form

The purpose of this form is to provide details on what information is expected when requesting a specialized base case. To request a specialized base case, submit a base case request by emailing this completed form to the SRS liaison, Logan Affleck, by March 15, 2024. Please complete the highlighted sections.

Requested by: Operating Studies Subcommittee (OSS)

Name: Piyasak Poonpun on behalf of the OSS Organization: SMUD

Email: Piyasak.Poonpun@smud.org Phone: 916-732-6052

Case Description

Specialized base case requests are intended to represent critical operating conditions such as severe weather events, equipment out of service (transmission lines, reactive devices, or static VAr compensators), unusual generation patterns due to forced outages, and insecure voltage conditions. Some cases may represent extreme load conditions (up to 105% of forecast peak) in a particular sub-region. Data submitters should not be reluctant to model a condition due to lack of historical record of the scenario occurring.

The requester should detail the critical operating conditions desired in the base case under the Purpose section of the Case Description Form. A specialized request should outline how the case is unique compared to the typical cases produced in the base case compilation schedule. If the request is similar to a case already produced in the compilation schedule, the Case Description Form must clearly identify why a new case is necessary. For example, a two-year heavy winter (HW) case with no specific changes to load, generation, or interchange targets is unlikely to be built since the HW operating case could simply be scaled accordingly.

Requested Completion Date

If applicable, the date and reason the case needs to be completed to be useful for the requester should be provided, so the Base Case Coordinator can determine whether the case can be fit accordingly into the base case compilation schedule.

Needed Completion Date [if a specific completion date for the specialized request is needed, please provide it here]**:**

Reason for Needed Completion Date:

Case Description Details

[Description of details defined in the requested Case Description Sheet]

LOADS: Load levels refer to the season being studied. All loads are coincident unless indicated otherwise. Please specify load percentage or degree (heavy, light) of loading for a specific season or month(s).

TIME: Specified time supersedes specified percentage of load. Please specify the time the special study wishes to simulate for the WECC interconnection-wide model with the hour range and time zone.

GENERATION: Generation levels refer to the season being studied. For example, high hydro generation in a winter case may be lower than median hydro generation in the spring. Renewable generation, when specified, should be based on the individual entity's Renewable Portfolio Standard. If desired in the requester's special study, please specify the generation dispatch of HYDRO, THERMAL, and RENEWABLE by AREA with HIGH, LOW, or MEDIAN, or by percentage.

INTERCHANGE: Interchange schedules 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 more clearly known. If no target flows are specified, actual scheduled transfers will be based on each area's load and generation balance and economical generation dispatch.

If the special study requires it, please specify per area the CONDITION as LIGHT, MODERATE, HEAVY, or MAXIMUM; the TARGET as the desired MW Interchange, with a negative sign indicating reverse flow on the path (**Note**: Many Path Ratings have different transfer limits depending on the flow direction. Please refer to the WECC Path Rating Catalog.); the % RATING specifies the percentage of the Interchange Transfer Limit based on the WECC Path Rating Catalog.

Case Description Form — Attachment 1

CASE DUE DATES: (to be completed by SRS and WECC staff)

PURPOSE: *Operating Case*—To represent anticipated operating conditions during light net load periods. The primary goal is to obtain a base case with Path flows stated below and high solar .

ITEMS TO BE PREPARED:

From Case	(TBD)
Stability Data	Master Dynamics File
Significant Changes	From Existing System

LOADS: Load on typical spring weekday aligned with timeframe below.

TIME: 1500 PDT Weekday

GENERATION:	**HYDRO**	**THERMAL**	**RENEWABLE**
Canada	--	--	--
Northwest	--	--	--
Idaho/Montana	--	--	--
Colorado/Wyoming	--	--	--
Northern California Hydro	--	--	--
Northern California	70%	--	High Solar
Southern California	--	--	High Solar
Arizona/New Mexico/Southern Nevada	--	--	--
INTERCHANGE	**CONDITION**	**TARGET**	**% RATING**
Northwest to British Columbia (Path 3)	--	--	--
Northwest to California/Nevada			
COI (Path 66)	South to North	2,000	--
PDCI (Path 65)	South to North	600	--
Midway – Los Banos S-N (Path 15)	South to North	3,600	--
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	2,000	--

Requested by:

Name: <<Name>>

Organization: <<Org.>>

Email: <<Email>>

Phone: <<Phone>>

Please provide the following information for the requested disturbance. The format of the following table allows for use of the WECC Contingency and RAS Definition Standard Format.

Disturbance Name	
NERC Category	
Base Case Area	
Time, Object, Actions, Criteria, Criteria Status, and Comment	
Associated Remedial Action Scheme	

Memo (If the requested disturbance is replacing or modifying an existing disturbance, please provide details here)	