



SRS Report to RAC

October 2021

Tracy Rolstad
SRS Chair

System Review Subcommittee

- Committee Purpose
 - To develop, implement, and monitor guidelines and policies for the development of interconnection-wide power flow and dynamics stability cases.
- Items for Discussion:
 - Status of SRS work products
 - EMT Task Force

Recent and Upcoming Activities

- 2022 BCCS has begun
- 2022 DPM approved
- Business practices document addition
- Case comparison tool on SRS team site
- Base Case Data Quality case
- Annual Base Case and Compilation Data Check Report
- DPM change discussions
 - Removing P_{MAX}>mwcap requirement
- DPM Guidance Appendix
 - See business practices possibly
- Gen Long ID

2022 Base Case Compilation Schedule

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
2022 LSP2S*	4/23/21	-	5/14/21	6/11/21	7/2/21	7/23/21	8/6/21	8/20/21
2025 HS3S*	6/25/21	-	7/16/21	8/13/21	9/3/21	9/17/21	10/1/21	10/15/21
2022 HS3S	7/23/21	-	-	-	-	8/20/21	9/17/21	10/15/21
2033 LSP1S	9/17/21	10/1/21	10/8/21	10/29/21	11/19/21	12/10/21	1/7/22	1/28/22
2022-23 HW3-OP	10/15/21	11/5/21	11/12/21	12/10/21	1/7/22	2/4/22	2/25/22	3/25/22
2022-23 LW1-OP								
2023 HSP1-OP	11/12/21	12/3/21	12/10/21	1/7/22	2/4/22	2/25/22	3/18/22	4/8/22
2027-28 HW2	12/10/21	12/31/21	1/7/22	2/4/22	2/25/22	3/18/22	4/8/22	5/6/22
2028 HS2								
2023 HS4-OP	3/18/22	4/8/22	4/15/22	5/13/22	6/10/22	7/1/22	7/22/22	8/12/22
2023 LS1-OP								
2032-33 HW1	4/15/22	5/6/22	5/13/22	6/10/22	7/1/22	7/22/22	8/12/22	9/2/22
2033 HS1								

Base Case Quality Project

- Drive SADD numbers down by >50% in the 2022 Heavy Summer 3

Area Number	Area Name	Current Case Total	Case Errors	Exceeded Limits	NERC Quality Metrics	Powerflow Metrics	Dynamics Metrics	% Corrected	# Corrected	Greater than 50%?
10	NEW MEXICO	23		5	5	9	4	48.89%	22	FALSE
11	EL PASO	8	8					63.64%	14	TRUE
14	APS	48	11	4	12	20	1	73.63%	134	TRUE
15	SRP	70	7	15	18	30		77.20%	237	TRUE
16	TEP	40	2	10	20	7	1	13.04%	6	FALSE
17	AEPCO							100.00%	11	TRUE
18	NEVADA	36	8	1	19	8		64.00%	64	TRUE
19	WAPA L.C.							100.00%	19	TRUE
20	MEXICO-CFE	34	4	1	11	18		46.88%	30	FALSE
21	IID	8			7	1		61.90%	13	TRUE
22	SANDIEGO	71	11	25	34	1		38.79%	45	FALSE
24	SOCALIF	434	86	32	217	74	25	30.89%	194	FALSE
26	LADWP	123	1	43	65	10	4	16.33%	24	FALSE
30	PG AND E	2164	1279	85	378	402	20	82.14%	9955	TRUE
40	NORTHWEST	812	148	99	349	197	19	74.03%	2315	TRUE
50	B.C.HYDRO	212		9	183	20		19.08%	50	FALSE
52	FORTISBC	5			4		1	89.80%	44	TRUE
54	ALBERTA	565	48	32	261	132	92	17.88%	123	FALSE
60	IDAHO	15		3	8	3	1	53.13%	17	TRUE
62	MONTANA	55		8	36	2	9	20.29%	14	FALSE
63	WAPA U.W.	3	1		2			57.14%	4	TRUE
64	SIERRA	75	1	7	52	9	6	44.85%	61	FALSE
65	PACE	72	7	3	55	2	5	67.42%	149	TRUE
70	PSCOLORADO	88	11	5	61	11		58.49%	124	TRUE
73	WAPA R.M.	90	14	4	42	30		51.09%	94	TRUE
Total		5051	1647	391	1839	986	188	73.15%	13763	TRUE

EMT Task Force

- Writing charter
- Collecting interested membership
- 93% surveyed SRS members answered 'Yes' to support developing library of generic EMT models suited for modeling IBRs
- 79% willing to provide staff support for a task force

Three-Year Work Plan Status

Title	Reliability Risk Priority	Status	Target Date
Base Case Compilation Schedule/Base Case Development	Committee Specific Priority		6/10/2021
Base Case Request Survey	Committee Specific Priority		1/31/2022
Steady State and Dynamic Data Improvement	Committee Specific Priority		10/15/2021



Proceeding



Ongoing



Attention



Assistance



Complete



Contact:

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