



2022 RTP – Load Review

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Load Forecast

SSWG Load– Based on 21 SSWG cases posted on 10/22/2021 less self-serve load

Year	Coast	East	Far West	North	North Central	South Central	Southern	West	NCP Total
2023	25,251	3,169	8,615	3,242	28,524	14,870	7,420	2,357	93,448
2024	25,514	3,234	9,160	3,272	29,197	15,264	7,508	2,391	95,540
2025	25,610	3,268	9,406	3,287	29,776	15,627	7,648	2,413	96,730
2026	25,787	3,304	9,595	3,327	30,321	15,865	7,751	2,440	98,390
2027	25,907	3,347	9,756	3,372	30,978	16,105	7,859	2,469	99,793
2028	25,939	3,380	9,936	3,401	31,547	16,354	7,969	2,499	101,024

ERCOT 90th percentile gross load forecast– less losses

Year	Coast	East	Far West	North	North Central	South Central	Southern	West	NCP Total
2023	22,048	2,723	5,605	2,280	26,763	13,593	7,095	2,053	82,160
2024	22,269	2,742	5,985	2,304	27,068	13,754	7,349	2,073	83,543
2025	22,467	2,757	6,369	2,316	27,379	13,908	7,443	2,089	84,728
2026	22,667	2,773	6,748	2,332	27,685	14,057	7,538	2,105	85,904
2027	22,863	2,789	6,928	2,349	27,974	14,197	7,631	2,122	86,852
2028	23,052	2,805	7,102	2,365	28,247	14,330	7,721	2,139	87,761

Load Forecast: 2022 RTP Load Level (Less Self-serve Load and Losses, Preliminary)

Year	Coast	East	Far West *	North	North Central	South Central	Southern	West *	Total
2023	23,702	2,927	6,025	2,451	28,524	14,612	7,420	2,207	87,869
2024	23,940	2,947	6,434	2,476	29,099	14,785	7,508	2,228	89,417
2025	24,152	2,964	6,846	2,490	29,433	14,951	7,648	2,246	90,729
2026	24,367	2,981	7,254	2,507	29,761	15,111	7,751	2,262	91,994
2027	24,577	2,998	7,448	2,525	30,072	15,262	7,859	2,281	93,022
2028	24,781	3,016	7,634	2,542	30,365	15,404	7,969	2,353	94,065

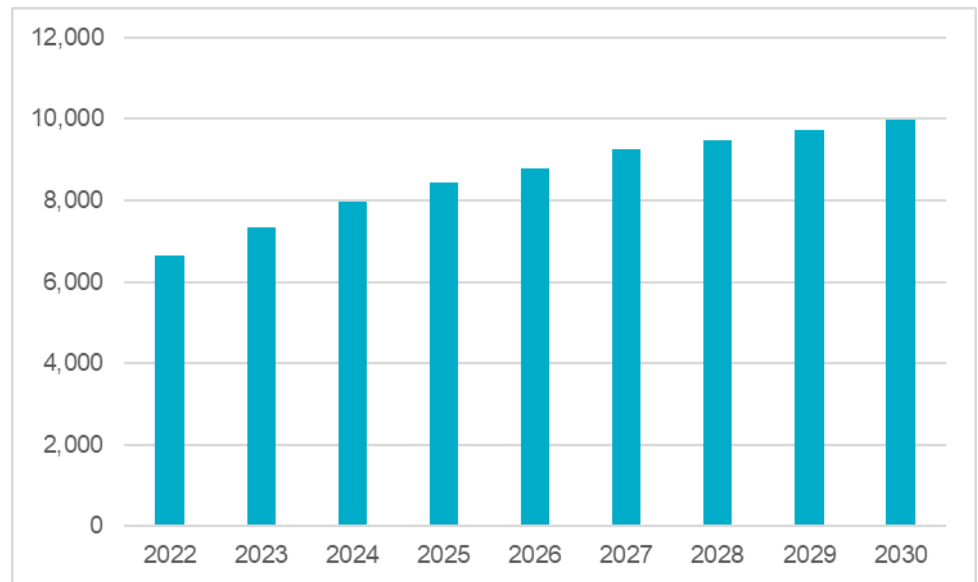
	Bounded (based on 7.5% threshold)
	ERCOT 90th percentile
	SSWG Forecast

*The load level reflects the bounded higher-of methodology outlined in Planning Guide Section 3.1.7 (1) (a)-(d). Similar to 2021 RTP, IHS Markit study Permian Basin load forecast is considered as appropriate to be incorporated into the West and Far West weather zones in 2022 RTP, which is not reflected in this table.

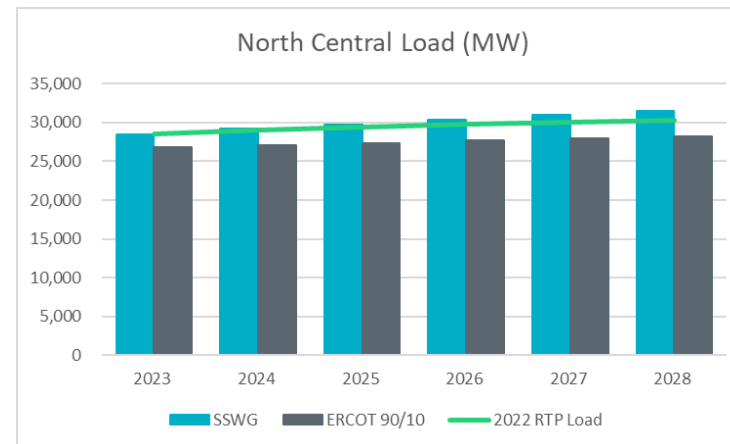
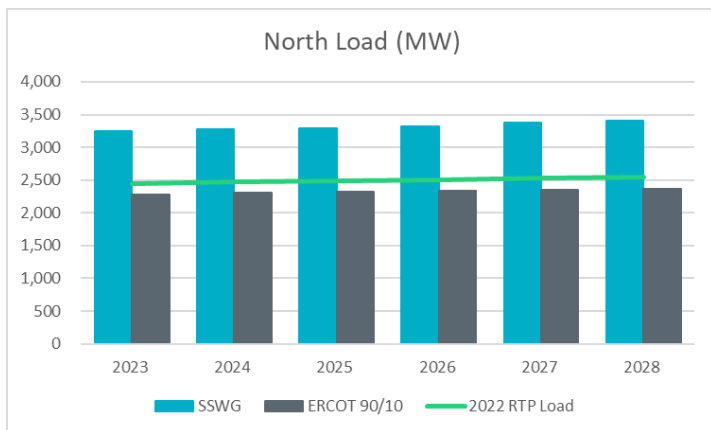
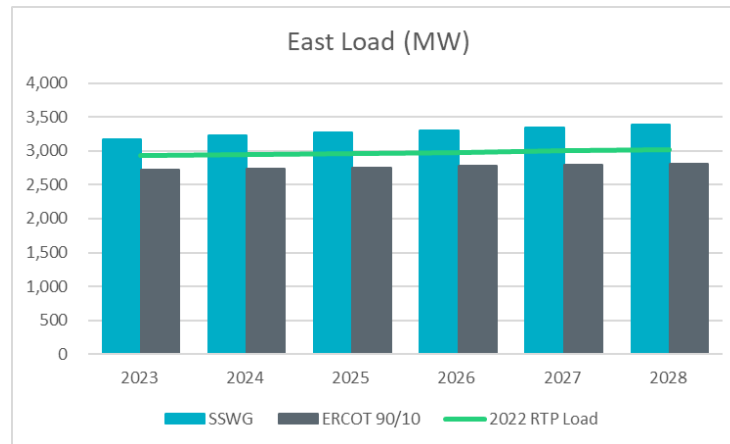
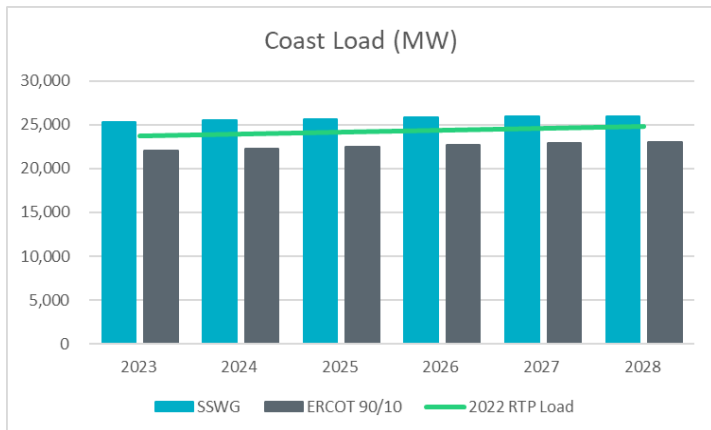
Permian Basin Counties and IHS Markit Study

Permian Basin Summer Peak Load Forecast (MW)

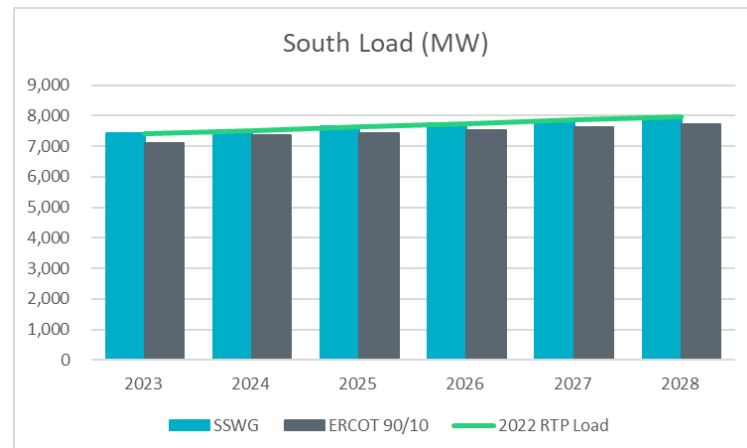
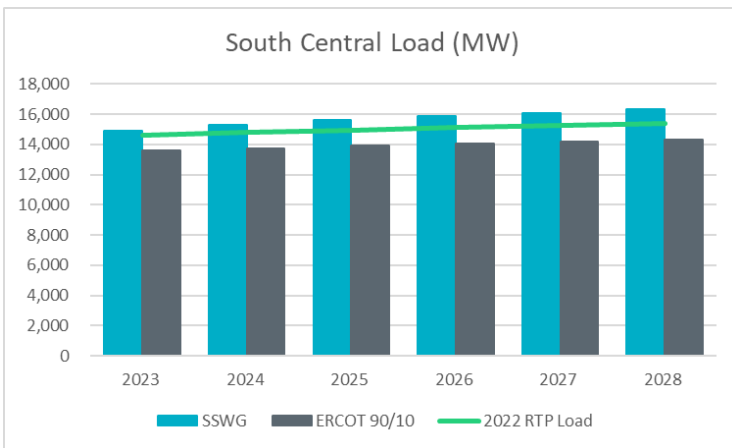
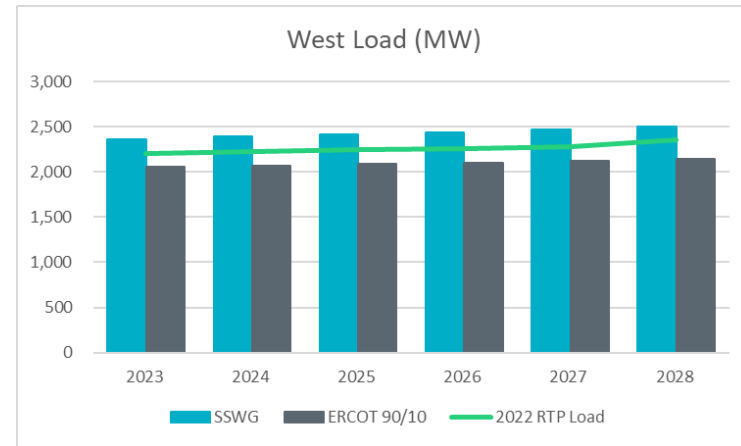
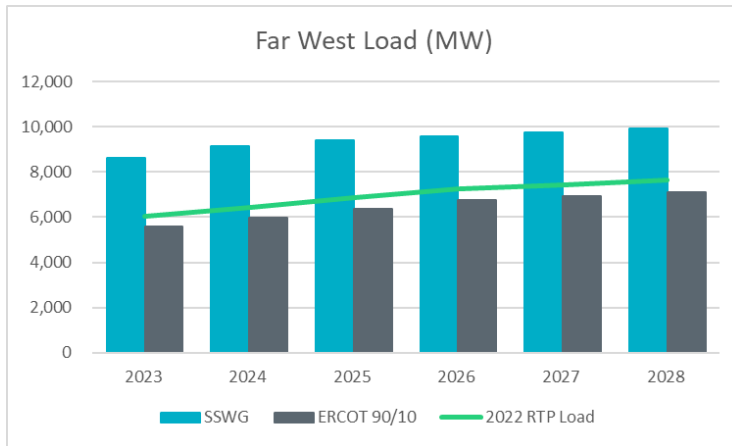
County	Weather Zone
Andrews	Far West
Borden	Far West
Crane	Far West
Crockett	Far West
Culberson	Far West
Dawson	Far West
Ector	Far West
Glasscock	Far West
Howard	Far West
Irion	West
Loving	Far West
Martin	Far West
Midland	Far West
Mitchell	West
Pecos	Far West
Reagan	Far West
Reeves	Far West
Schleicher	West
Scurry	West
Sterling	West
Upton	Far West
Ward	Far West
Winkler	Far West



SSWG Load v/s ERCOT 90/10 (Less Self-serve Load and Losses)



SSWG Load v/s ERCOT 90/10 (Less Self-serve Load and Losses)



2022 Load Review

- ERCOT will post TSP load share % for each weather zone to be used in load bounding in MIS Secure Area
- TSP load in each bounded weather zone will be scaled to the values calculated below except for the self-serve load, which will not be modified

*weather zone bounded load amount * TSP load share %*

- TSPs are requested to review these and provide feedback on the initial draft
- TSPs may choose to accept the load forecast, or
- TSPs may choose to provide additional justification for cases where the proposed levels are not consistent with their expectations

Next Steps

- TPs and TOs to provide feedback on proposed load level (by February 4, 2022)
- Feedback provided to
 - Calvin Opheim (Calvin.Opheim@ercot.com)
 - Ping Yan (Ping.Yan@ercot.com)
 - John Bernecker (John.Bernecker@ercot.com)
- ERCOT to complete load review and finalize RTP load levels (by February 14, 2022)
- TSPs to submit IDEVs to ERCOT to reflect the load review results (by February 28, 2022)



Appendix

2022 RTP Load Level with Self-serve Load (Preliminary)

Year	Coast	East	Far West	North	North Central	South Central	Southern	West	Total
2023	27,953	2,970	6,025	2,451	28,524	14,612	7,928	2,297	92,717
2024	28,191	2,990	6,434	2,476	29,099	14,785	8,016	2,318	94,266
2025	28,404	3,010	6,846	2,490	29,433	14,951	8,157	2,336	95,580
2026	28,620	3,024	7,254	2,507	29,761	15,111	8,260	2,352	96,847
2027	28,832	3,041	7,448	2,525	30,072	15,262	8,369	2,370	97,875
2028	29,037	3,059	7,634	2,542	30,365	15,404	8,478	2,443	98,920

	Bounded (based on 7.5% threshold)
	ERCOT 90th percentile
	SSWG Forecast

*The load level reflects the bounded higher-of methodology outlined in Planning Guide Section 3.1.7 (1) (a)-(d). Similar to 2021 RTP, IHS Markit study Permian Basin load forecast is considered as appropriate to be incorporated into the West and Far West weather zones in 2022 RTP, which is not reflected in this table.