

2026 AND 2027 RATE APPLICATION
SRRP INFORMATION REQUESTS – ROUND 2

Round 2 SRRP Q33 Reference: System Energy & Capacity

- a) With reference to the 2022 and 2023 Rate Application, second round information request SRRP Q8(b), please provide an updated version of the “Capacity” table included in the response, with years aligned to the SaskPower 2025-26 Q1 Load Forecast.
- b) With reference to the 2022 and 2023 Rate Application, first round information request SRRP Q102(a), please provide an updated version of the “Energy” table included in the response, showing both percentage shares and MWh values, with years aligned to the SaskPower 2025-26 Q1 Load Forecast.

Response:

- a) The following table shows the forecast generation mix installed by year as well as the forecast mix available to meet both the winter and summer peaks. There are 3 main differences in the seasonality of planning capacity by generation type:
- It is expected that 10% of installed wind capacity will be available to meet winter peak, and 5% of installed wind capacity will be available to meet summer peak.
 - Solar capacity is expected to have 50% of installed capacity available at summer peak and zero capacity available at winter peak.
 - Gas units have higher derates in warm weather, resulting in lower capacity available in the summer.

Capacity (MW)												
	Installed	2025		Installed	2026		Installed	2027		Installed	2028	
		Winter	Summer		Winter	Summer		Winter	Summer		Winter	Summer
Coal	1390	1390	1375	1390	1390	1375	1390	1390	1375	1390	1390	1375
Gas	2524	2406	1953	2527	2406	1982	2589	2468	2044	2966	2845	2415
Wind	817	82	41	817	82	41	817	82	41	1207	101	40
Hydro	864	861	862	864	861	862	864	861	862	864	861	862
Imports	290	290	290	290	290	290	290	290	290	290	290	290
Other Renewable	143	20	30	148	20	30	368	135	76	557	120	196
Total Renewable	2114	1253	1223	2119	1253	1223	2339	1368	1269	2918	1372	1389
Total Non-Renewable	3913	3795	3327	3916	3795	3357	3978	3857	3419	4355	4234	3789
TOTAL	6027	5049	4550	6035	5049	4580	6317	5226	4688	7273	5606	5178

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Capacity (MW)												
	2029			2030			2031			2032		
	Installed	Winter	Summer	Installed	Winter	Summer	Installed	Winter	Summer	Installed	Winter	Summer
Coal	1390	1390	1375	1105	1105	1090	1099	1099	1084	1113	1113	1113
Gas	2966	2845	2415	2980	2900	2415	2980	2900	2470	2903	2827	2470
Wind	1207	101	50	1207	101	50	1207	101	50	1057	106	53
Hydro	864	861	862	864	861	862	864	861	862	864	861	862
Imports	290	290	290	290	290	290	290	290	290	290	290	290
Other Renewable	562	120	235	567	120	235	567	120	235	567	120	285
Total Renewable	2923	1372	1437	2928	1372	1437	2928	1372	1437	2778	1377	1490
Total Non-Renewable	4355	4234	3789	4086	4005	3505	4079	3998	3553	4016	3940	3583
TOTAL	7278	5606	5226	7013	5377	4942	7006	5370	4990	6794	5317	5073

Capacity (MW)									
	2033			2034			2035		
	Installed	Winter	Summer	Installed	Winter	Summer	Installed	Winter	Summer
Coal	1099	1099	1084	1282	1282	1267	1251	1251	1236
Gas	2903	2827	2412	2843	2767	2352	2843	2767	2352
Wind	1056	105	53	1056	105	53	1033	103	52
Hydro	864	861	862	864	861	862	864	861	862
Imports	290	290	290	290	290	290	290	290	290
Other Renewable	567	120	285	565	120	285	565	120	285
Total Renewable	2777	1377	1490	2776	1377	1490	2753	1375	1489
Total Non-Renewable	4001	3926	3496	4124	4049	3619	4093	4018	3588
TOTAL	6778	5303	4985	6900	5426	5108	6846	5392	5076

Response:

- b) The following tables show the forecast energy mix by fuel type installed, in both GWh and as a percentage.

Energy, GWh										
	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035
Coal	6,953	6,885	6,130	6,939	5,830	5,692	5,850	5,778	6,952	6,794
Gas	13,428	13,607	14,435	13,098	14,198	13,972	14,470	14,170	13,096	13,222
Wind	2,891	2,900	3,062	4,298	4,313	4,317	3,799	3,786	3,786	3,729
Hydro	3,508	3,520	3,524	3,519	3,535	3,525	3,532	3,525	3,522	3,498
Imports	1,914	1,914	1,919	1,914	1,914	1,914	1,919	1,914	1,914	1,914
Other Renewable	214	423	1,302	1,650	1,654	1,646	1,652	1,655	1,655	1,646
TOTAL	28,909	29,249	30,372	31,418	31,445	31,066	31,222	30,827	30,925	30,804
Total Renewable	8,528	8,757	9,807	11,382	11,416	11,402	10,902	10,879	10,877	10,787
Total Non-renewable	20,381	20,492	20,565	20,036	20,028	19,664	20,320	19,948	20,048	20,017

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Energy, %	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035
Coal	24%	24%	20%	22%	19%	19%	19%	19%	22%	22%
Gas	46%	47%	48%	42%	45%	45%	46%	46%	43%	43%
Wind	10%	10%	10%	14%	14%	14%	13%	13%	13%	13%
Hydro	12%	12%	12%	11%	11%	11%	11%	11%	11%	11%
Imports	7%	7%	6%	6%	6%	6%	6%	6%	6%	6%
Other Renewable	1%	1%	4%	5%	5%	5%	5%	5%	5%	5%