

The Nova Scotia Wholesale and Renewable to Retail Electricity Market Rules indicate that the Nova Scotia Power System Operator should provide a monthly load and resource assessment as forecasted for the next 10 years. This information is posted to OASIS by the end of June each year.

The following notes apply to the monthly Load and Resources tables:

1) Values in these tables are based on information provided in the NS Power 2023 10-Year System Outlook (10YSO):

<https://www.nspower.ca/oasis/forecasts-assessments>

2) Demand values as per NSPI 2023 Load Forecast Report. Firm peaks include the effects of both DSM and DR programs.

3) Existing Resources NS Power Owned and IPPs include firm capacity contribution from hydro, steam, combined cycle, combustion turbine, Independent Power Producers (IPP) and renewable resources. Energy Resource Interconnection Service (ERIS) and Network Resource Interconnection Service (NRIS) wind projects are assumed to have an ELCC of 18%.

4) Existing Resources Wholesale Market Resources include resources managed by wholesale market participants served under the Backup/ Top-up (BUTU) Tariff. Assuming 18% ELCC for wind to align with current NS Power planning practices.

5) Hydro firm capacity based on an Effective Load Carrying Capability (ELCC) approach as discussed in the 2023 10 Year System Outlook.

6) Firm Resource Additions can be found in the 2023 10-Year System Outlook (Section 3.3).

Biomass Additions include the Port Hawkesbury Biomass plant which will be converted to NRIS and able to provide firm service following the system upgrades associated with Transmission Service Request 400.

7) Derations include thermal unit reductions due to planned maintenance, ambient temperature and seasonal shut downs.

Planned maintenance includes Wreck Cove life extension & modernization.

8) NSPI planning criteria requires a minimum reserve margin equal to 20% of its forecasted firm peak load.

The current forecast indicates a small PRM deficit from 2023 to 2026. NS Power will continue to monitor potential deficits or apparent surpluses as forecasts continue to evolve and will adjust decisions accordingly.

9) These tables reflects the firm capacity value of intermittent generation assumed for long-term planning purposes. For short-term assessments (e.g. 18-Month Load and Capacity Assessment) the assumed on peak capacity may be less.

Load and Resource Assessment for NSPI

(All values in MW except as noted)

2024

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
A Total System Peak	2271	2188	2068	1636	1405	1338	1436	1375	1382	1460	1830	2015
B Interruptible Demand & DR Programs	159	156	206	209	223	220	207	216	236	219	224	168
C Firm Peak (A - B)	2111	2032	1861	1427	1182	1118	1228	1158	1146	1241	1606	1847
D Required Reserve (C x 20%)	422	406	372	285	236	224	246	232	229	248	321	369
E Required Capacity (C + D)	2534	2439	2234	1713	1418	1342	1474	1390	1375	1489	1927	2217
F Existing Resources (NS Power and IPPS)	2551	2551	2551	2551	2551	2551	2551	2551	2551	2551	2551	2551
G Existing Resources (Wholesale Market resources)	4	4	4	4	4	4	4	4	4	4	4	4
H Total Existing Resources (F + G)	2555	2555	2555	2555	2555	2555	2555	2555	2555	2555	2555	2555
I Firm Resource Additions: Biomass												
J New Wind - Rate Base Procurement												
K Additions - Wind												
L Additions - Coal to Gas Conversion												
M Additions - New CTs												
N Additions - Battery												
O Additions - Tidal	2	2	2	2	2	2	2	2	2	2	2	2
P Additions - Coal to HFO Conversion												
Q Retirements												
R Derations and Planned Maintenance	-101	-101	-251	-434	-482	-482	-659	-685	-648	-434	-251	-101
S Total Firm Supply Resources (H + I + J + K + L + M + N + O + P + Q + R)	2456	2456	2306	2123	2075	2075	1898	1872	1909	2123	2306	2456
+ Surplus / - Deficit (S - E)	-78	17	72	410	656	733	424	482	534	634	379	239
Reserve Margin % (S - C)/ C	16%	21%	24%	49%	76%	86%	54%	62%	67%	71%	44%	33%

Load and Resource Assessment for NSPI

(All values in MW except as noted)

2025

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
A Total System Peak	2291	2211	2084	1642	1407	1335	1438	1379	1387	1466	1841	2035
B Interruptible Demand & DR Programs	172	169	207	210	224	221	209	220	243	225	232	189
C Firm Peak (A - B)	2119	2042	1877	1433	1183	1114	1229	1158	1144	1241	1610	1846
D Required Reserve (C x 20%)	424	408	375	287	237	223	246	232	229	248	322	369
E Required Capacity (C + D)	2542	2451	2252	1719	1420	1337	1475	1390	1373	1489	1932	2216
F Existing Resources (NS Power and IPPS)	2551	2551	2551	2551	2551	2551	2551	2551	2551	2551	2551	2551
G Existing Resources (Wholesale Market resources)	4	4	4	4	4	4	4	4	4	4	4	4
H Total Existing Resources (F + G)	2555	2555	2555	2555	2555	2555	2555	2555	2555	2555	2555	2555
I Firm Resource Additions: Biomass	43	43	43	43	43	43	43	43	43	43	43	43
J New Wind - Rate Base Procurement	19	19	19	19	19	19	19	19	19	19	19	19
K Additions - Wind	13	13	13	13	13	13	13	13	13	13	13	13
L Additions - Coal to Gas Conversion												
M Additions - New CTs												
N Additions - Battery												
O Additions - Tidal	2	2	2	2	2	2	2	2	2	2	2	2
P Additions - Coal to HFO Conversion												
Q Retirements												
R Derations and Planned Maintenance	0	0	-150	-333	-381	-482	-659	-584	-547	-333	-150	0
S Total Firm Supply Resources (H + I + J + K + L + M + N + O + P + Q + R)	2632	2632	2482	2299	2251	2150	1973	2048	2085	2299	2482	2632
+ Surplus / - Deficit (S - E)	90	181	230	580	831	814	499	658	712	810	550	416
Reserve Margin % (S - C)/ C	24%	29%	32%	60%	90%	93%	61%	77%	82%	85%	54%	43%

Load and Resource Assessment for NSPI

(All values in MW except as noted)

2026

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
A Total System Peak	2340	2259	2129	1682	1444	1365	1472	1410	1417	1497	1879	2082
B Interruptible Demand & DR Programs	191	188	213	216	232	227	215	224	247	227	233	202
C Firm Peak (A - B)	2149	2071	1916	1466	1212	1138	1257	1186	1170	1270	1646	1880
D Required Reserve (C x 20%)	430	414	383	293	242	228	251	237	234	254	329	376
E Required Capacity (C + D)	2579	2485	2299	1759	1454	1365	1509	1424	1404	1524	1975	2256
F Existing Resources (NS Power and IPPS)	2551	2551	2551	2551	2551	2551	2551	2551	2551	2551	2551	2551
G Existing Resources (Wholesale Market resources)	4	4	4	4	4	4	4	4	4	4	4	4
H Total Existing Resources (F + G)	2555	2555	2555	2555	2555	2555	2555	2555	2555	2555	2555	2555
I Firm Resource Additions: Biomass	43	43	43	43	43	43	43	43	43	43	43	43
J New Wind - Rate Base Procurement	19	19	19	19	19	19	19	19	19	19	19	19
K Additions - Wind	33	33	33	33	33	33	33	33	33	33	33	33
L Additions - Coal to Gas Conversion												
M Additions - New CTs												
N Additions - Battery	26	26	26	26	26	26	26	26	26	26	26	26
O Additions - Tidal	2	2	2	2	2	2	2	2	2	2	2	2
P Additions - Coal to HFO Conversion												
Q Retirements	-148	-148	-148	-148	-148	-148	-148	-148	-148	-148	-148	-148
R Derations and Planned Maintenance	0	0	-150	-333	-381	-482	-659	-584	-547	-333	-150	0
S Total Firm Supply Resources (H + I + J + K + L + M + N + O + P + Q + R)	2530	2530	2380	2197	2149	2048	1871	1946	1983	2197	2380	2530
+ Surplus / - Deficit (S - E)	-49	44	81	437	694	683	362	522	579	673	404	274
Reserve Margin % (S - C)/ C	18%	22%	24%	50%	77%	80%	49%	64%	69%	73%	45%	35%

Load and Resource Assessment for NSPI

(All values in MW except as noted)

2027

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
A Total System Peak	2395	2311	2177	1723	1479	1393	1504	1441	1444	1528	1917	2127
B Interruptible Demand & DR Programs	196	193	214	218	233	228	216	225	248	228	234	207
C Firm Peak (A - B)	2199	2118	1963	1506	1245	1164	1288	1216	1197	1300	1684	1921
D Required Reserve (C x 20%)	440	424	393	301	249	233	258	243	239	260	337	384
E Required Capacity (C + D)	2639	2541	2356	1807	1494	1397	1546	1459	1436	1560	2020	2305
F Existing Resources (NS Power and IPPS)	2551	2551	2551	2551	2551	2551	2551	2551	2551	2551	2551	2551
G Existing Resources (Wholesale Market resources)	4	4	4	4	4	4	4	4	4	4	4	4
H Total Existing Resources (F + G)	2555	2555	2555	2555	2555	2555	2555	2555	2555	2555	2555	2555
I Firm Resource Additions: Biomass	43	43	43	43	43	43	43	43	43	43	43	43
J New Wind - Rate Base Procurement	37	37	37	37	37	37	37	37	37	37	37	37
K Additions - Wind	53	53	53	53	53	53	53	53	53	53	53	53
L Additions - Coal to Gas Conversion												
M Additions - New CTs	50	50	50	50	50	50	50	50	50	50	50	50
N Additions - Battery	33	33	33	33	33	33	33	33	33	33	33	33
O Additions - Tidal	2	2	2	2	2	2	2	2	2	2	2	2
P Additions - Coal to HFO Conversion												
Q Retirements	-148	-148	-148	-148	-148	-148	-148	-148	-148	-148	-148	-148
R Derations and Planned Maintenance	0	0	-150	-333	-381	-482	-659	-584	-547	-333	-150	0
S Total Firm Supply Resources (H + I + J + K + L + M + N + O + P + Q + R)	2625	2625	2475	2292	2244	2143	1966	2041	2078	2292	2475	2625
+ Surplus / - Deficit (S - E)	-14	83	119	485	750	746	420	582	642	732	454	320
Reserve Margin % (S - C) / C	19%	24%	26%	52%	80%	84%	53%	68%	74%	76%	47%	37%

Load and Resource Assessment for NSPI

(All values in MW except as noted)

2028

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
A Total System Peak	2454	2362	2228	1765	1512	1418	1532	1469	1470	1558	1957	2176
B Interruptible Demand & DR Programs	195	192	214	217	233	228	215	225	247	227	234	206
C Firm Peak (A - B)	2259	2170	2014	1547	1279	1190	1317	1244	1222	1331	1724	1970
D Required Reserve (C x 20%)	452	434	403	309	256	238	263	249	244	266	345	394
E Required Capacity (C + D)	2711	2603	2416	1857	1535	1428	1580	1492	1467	1597	2068	2365
F Existing Resources (NS Power and IPPS)	2551	2551	2551	2551	2551	2551	2551	2551	2551	2551	2551	2551
G Existing Resources (Wholesale Market resources)	4	4	4	4	4	4	4	4	4	4	4	4
H Total Existing Resources (F + G)	2555	2555	2555	2555	2555	2555	2555	2555	2555	2555	2555	2555
I Firm Resource Additions: Biomass	43	43	43	43	43	43	43	43	43	43	43	43
J New Wind - Rate Base Procurement	37	37	37	37	37	37	37	37	37	37	37	37
K Additions - Wind	73	73	73	73	73	73	73	73	73	73	73	73
L Additions - Coal to Gas Conversion												
M Additions - New CTs	250	250	250	250	250	250	250	250	250	250	250	250
N Additions - Battery	66	66	66	66	66	66	66	66	66	66	66	66
O Additions - Tidal	2	2	2	2	2	2	2	2	2	2	2	2
P Additions - Coal to HFO Conversion												
Q Retirements	-298	-298	-298	-298	-298	-298	-298	-298	-298	-298	-298	-298
R Derations and Planned Maintenance	0	0	-150	-333	-381	-482	-659	-584	-547	-333	-150	0
S Total Firm Supply Resources (H + I + J + K + L + M + N + O + P + Q + R)	2728	2728	2578	2395	2347	2246	2069	2144	2181	2395	2578	2728
+ Surplus / - Deficit (S - E)	17	124	161	538	812	818	488	651	714	798	509	363
Reserve Margin % (S - C)/ C	21%	26%	28%	55%	83%	89%	57%	72%	78%	80%	50%	38%

Load and Resource Assessment for NSPI

(All values in MW except as noted)

2029

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
A Total System Peak	2520	2426	2282	1812	1551	1447	1564	1499	1498	1592	2002	2230
B Interruptible Demand & DR Programs	195	192	214	217	233	228	215	225	247	227	234	205
C Firm Peak (A - B)	2325	2234	2068	1595	1318	1219	1349	1274	1251	1365	1768	2025
D Required Reserve (C x 20%)	465	447	414	319	264	244	270	255	250	273	354	405
E Required Capacity (C + D)	2790	2681	2482	1914	1582	1462	1619	1529	1501	1638	2122	2430
Existing Resources (NS Power and IPPS)	2551	2551	2551	2551	2551	2551	2551	2551	2551	2551	2551	2551
Existing Resources (Wholesale Market resources)	4	4	4	4	4	4	4	4	4	4	4	4
H Total Existing Resources (F + G)	2555	2555	2555	2555	2555	2555	2555	2555	2555	2555	2555	2555
Firm Resource Additions:												
I Biomass	43	43	43	43	43	43	43	43	43	43	43	43
J New Wind - Rate Base Procurement	37	37	37	37	37	37	37	37	37	37	37	37
K Additions - Wind	93	93	93	93	93	93	93	93	93	93	93	93
L Additions - Coal to Gas Conversion	150	150	150	150	150	150	150	150	150	150	150	150
M Additions - New CTs	600	600	600	600	600	600	600	600	600	600	600	600
N Additions - Battery	91	91	91	91	91	91	91	91	91	91	91	91
O Additions - Tidal	2	2	2	2	2	2	2	2	2	2	2	2
P Additions - Coal to HFO Conversion												
Q Retirements	-770	-770	-770	-770	-770	-770	-770	-770	-770	-770	-770	-770
R Derations and Planned Maintenance	0	0	-150	-333	-381	-482	-659	-584	-547	-333	-150	0
Total Firm Supply Resources (H + I + J + K + L + M + N + O + P + Q + R)	2801	2801	2651	2468	2420	2319	2142	2217	2254	2468	2651	2801
+ Surplus / - Deficit (S - E)	11	120	169	554	838	857	523	688	753	830	529	371
Reserve Margin % (S - C)/ C	20%	25%	28%	55%	84%	90%	59%	74%	80%	81%	50%	38%

Load and Resource Assessment for NSPI
(All values in MW except as noted)

2030

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
A Total System Peak	2589	2489	2338	1860	1589	1473	1593	1527	1524	1625	2046	2285
B Interruptible Demand & DR Programs	194	191	214	217	233	228	215	225	247	227	233	205
C Firm Peak (A - B)	2395	2298	2124	1642	1356	1245	1378	1302	1277	1397	1813	2080
D Required Reserve (C x 20%)	479	460	425	328	271	249	276	260	255	279	363	416
E Required Capacity (C + D)	2874	2758	2549	1971	1627	1494	1653	1562	1532	1677	2175	2496
F Existing Resources (NS Power and IPPS)	2551	2551	2551	2551	2551	2551	2551	2551	2551	2551	2551	2551
G Existing Resources (Wholesale Market resources)	4	4	4	4	4	4	4	4	4	4	4	4
H Total Existing Resources (F + G)	2555	2555	2555	2555	2555	2555	2555	2555	2555	2555	2555	2555
I Firm Resource Additions: Biomass	43	43	43	43	43	43	43	43	43	43	43	43
J New Wind - Rate Base Procurement	37	37	37	37	37	37	37	37	37	37	37	37
K Additions - Wind	113	113	113	113	113	113	113	113	113	113	113	113
L Additions - Coal to Gas Conversion	150	150	150	150	150	150	150	150	150	150	150	150
M Additions - New CTs	650	650	650	650	650	650	650	650	650	650	650	650
N Additions - Battery	91	91	91	91	91	91	91	91	91	91	91	91
O Additions - Tidal	2	2	2	2	2	2	2	2	2	2	2	2
P Additions - Coal to HFO Conversion	459	459	459	459	459	459	459	459	459	459	459	459
Q Retirements	-1229	-1229	-1229	-1229	-1229	-1229	-1229	-1229	-1229	-1229	-1229	-1229
R Derations and Planned Maintenance (H + I + J + K + L + M + N + O + P + Q + S R)	0	0	-150	-333	-381	-482	-659	-584	-547	-333	-150	0
S	2871	2871	2721	2538	2490	2389	2212	2287	2324	2538	2721	2871
+ Surplus / - Deficit (S - E)	-3	113	172	567	863	895	559	725	792	861	546	375
Reserve Margin % (S - C) / C	20%	25%	28%	55%	84%	92%	61%	76%	82%	82%	50%	38%

Load and Resource Assessment for NSPI
(All values in MW except as noted)

2031

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
A Total System Peak	2662	2555	2396	1909	1627	1499	1621	1553	1549	1658	2091	2341
B Interruptible Demand & DR Programs	194	191	213	217	233	228	215	224	247	227	233	204
C Firm Peak (A - B)	2468	2365	2183	1692	1394	1271	1406	1329	1302	1431	1858	2137
D Required Reserve (C x 20%)	494	473	437	338	279	254	281	266	260	286	372	427
E Required Capacity (C + D)	2962	2838	2619	2030	1673	1526	1687	1595	1563	1717	2230	2564
F Existing Resources (NS Power and IPPS)	2551	2551	2551	2551	2551	2551	2551	2551	2551	2551	2551	2551
G Existing Resources (Wholesale Market resources)	4	4	4	4	4	4	4	4	4	4	4	4
H Total Existing Resources (F + G)	2555	2555	2555	2555	2555	2555	2555	2555	2555	2555	2555	2555
I Firm Resource Additions: Biomass	43	43	43	43	43	43	43	43	43	43	43	43
J New Wind - Rate Base Procurement	37	37	37	37	37	37	37	37	37	37	37	37
K Additions - Wind	133	133	133	133	133	133	133	133	133	133	133	133
L Additions - Coal to Gas Conversion	150	150	150	150	150	150	150	150	150	150	150	150
M Additions - New CTs	700	700	700	700	700	700	700	700	700	700	700	700
N Additions - Battery	114	114	114	114	114	114	114	114	114	114	114	114
O Additions - Tidal	2	2	2	2	2	2	2	2	2	2	2	2
P Additions - Coal to HFO Conversion	459	459	459	459	459	459	459	459	459	459	459	459
Q Retirements	-1229	-1229	-1229	-1229	-1229	-1229	-1229	-1229	-1229	-1229	-1229	-1229
R Derations and Planned Maintenance (H + I + J + K + L + M + N + O + P + Q + S R)	0	0	-150	-333	-381	-482	-659	-584	-547	-333	-150	0
S	2964	2964	2814	2631	2583	2482	2305	2380	2417	2631	2814	2964
+ Surplus / - Deficit (S - E)	2	126	195	601	910	956	618	785	854	914	584	400
Reserve Margin % (S - C) / C	20%	25%	29%	56%	85%	95%	64%	79%	86%	84%	51%	39%

Load and Resource Assessment for NSPI
(All values in MW except as noted)

2032

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
A Total System Peak	2738	2620	2456	1961	1668	1527	1650	1581	1576	1692	2139	2400
B Interruptible Demand & DR Programs	193	190	213	217	233	228	215	224	247	227	233	204
C Firm Peak (A - B)	2545	2430	2243	1744	1435	1299	1435	1356	1329	1465	1906	2196
D Required Reserve (C x 20%)	509	486	449	349	287	260	287	271	266	293	381	439
E Required Capacity (C + D)	3054	2915	2692	2093	1722	1559	1722	1628	1594	1758	2287	2635
Existing Resources (NS Power and IPPS)	2551	2551	2551	2551	2551	2551	2551	2551	2551	2551	2551	2551
Existing Resources (Wholesale Market resources)	4	4	4	4	4	4	4	4	4	4	4	4
H Total Existing Resources (F + G)	2555	2555	2555	2555	2555	2555	2555	2555	2555	2555	2555	2555
Firm Resource Additions:												
I Biomass	43	43	43	43	43	43	43	43	43	43	43	43
J New Wind - Rate Base Procurement	37	37	37	37	37	37	37	37	37	37	37	37
K Additions - Wind	153	153	153	153	153	153	153	153	153	153	153	153
L Additions - Coal to Gas Conversion	150	150	150	150	150	150	150	150	150	150	150	150
M Additions - New CTs	720	720	720	720	720	720	720	720	720	720	720	720
N Additions - Battery	114	114	114	114	114	114	114	114	114	114	114	114
O Additions - Tidal	2	2	2	2	2	2	2	2	2	2	2	2
P Additions - Coal to HFO Conversion	459	459	459	459	459	459	459	459	459	459	459	459
Q Retirements	-1229	-1229	-1229	-1229	-1229	-1229	-1229	-1229	-1229	-1229	-1229	-1229
R Derations and Planned Maintenance (H + I + J + K + L + M + N + O + P + Q + R)	0	0	-150	-333	-381	-482	-659	-584	-547	-333	-150	0
S	3004	3004	2854	2671	2623	2522	2345	2420	2457	2671	2854	3004
+ Surplus / - Deficit (S - E)	-50	88	162	578	900	963	623	792	863	912	566	369
Reserve Margin % (S - C) / C	18%	24%	27%	53%	83%	94%	63%	78%	85%	82%	50%	37%

Load and Resource Assessment for NSPI
(All values in MW except as noted)

2033

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
A Total System Peak	2819	2698	2520	2016	1712	1556	1680	1609	1603	1729	2190	2463
B Interruptible Demand & DR Programs	192	190	213	217	233	228	215	224	247	227	233	203
C Firm Peak (A - B)	2627	2508	2307	1799	1479	1328	1465	1385	1356	1502	1958	2259
D Required Reserve (C x 20%)	525	502	461	360	296	266	293	277	271	300	392	452
E Required Capacity (C + D)	3152	3009	2769	2159	1775	1594	1758	1662	1627	1803	2349	2711
F Existing Resources (NS Power and IPPS)	2551	2551	2551	2551	2551	2551	2551	2551	2551	2551	2551	2551
G Existing Resources (Wholesale Market resources)	4	4	4	4	4	4	4	4	4	4	4	4
H Total Existing Resources (F + G)	2555	2555	2555	2555	2555	2555	2555	2555	2555	2555	2555	2555
I Firm Resource Additions: Biomass	43	43	43	43	43	43	43	43	43	43	43	43
J New Wind - Rate Base Procurement	37	37	37	37	37	37	37	37	37	37	37	37
K Additions - Wind	173	173	173	173	173	173	173	173	173	173	173	173
L Additions - Coal to Gas Conversion	150	150	150	150	150	150	150	150	150	150	150	150
M Additions - New CTs	870	870	870	870	870	870	870	870	870	870	870	870
N Additions - Battery	114	114	114	114	114	114	114	114	114	114	114	114
O Additions - Tidal	2	2	2	2	2	2	2	2	2	2	2	2
P Additions - Coal to HFO Conversion	459	459	459	459	459	459	459	459	459	459	459	459
Q Retirements	-1229	-1229	-1229	-1229	-1229	-1229	-1229	-1229	-1229	-1229	-1229	-1229
R Derations and Planned Maintenance (H + I + J + K + L + M + N + O + P + Q + S R)	0	0	-150	-333	-381	-482	-659	-584	-547	-333	-150	0
S	3174	3174	3024	2841	2793	2692	2515	2590	2627	2841	3024	3174
+ Surplus / - Deficit (S - E)	22	165	255	682	1018	1098	757	928	1000	1038	675	463
Reserve Margin % (S - C) / C	21%	27%	31%	58%	89%	103%	72%	87%	94%	89%	54%	40%