

Daily System Generation Summary on Friday

Friday, December 30, 2022

Availability at Daily Maximum Demand Hour

ST-Coal	0 MW
ST-Gas	0 MW
ST-Oil	0 MW
Hydro	2,510 MW
Distillate	0 MW
Total TNB	2,510 MW
Total IPP	17,976 MW
Total Co-Gen	0 MW
Total System	23,744 MW

Generation Mix

Type	MWh	Percentage
Hydro	23,908	7.03 %
Gas	68,561	20.17 %
Total TNB	92,469	27.20 %
ST-Coal	169,001	49.72 %
ST-Gas	8,289	2.44 %
LSS	6,496	1.91 %
Gas	63,619	18.72 %
Total IPP	247,405	72.79 %
Co-Gen	685	0.20 %
Total Co-Gen	685	0.20 %
Total Generation	340,559	100.19 %
PLTG	-73	-0.02 %
HVDC	720	0.21 %
Interconnection	647	0.19 %
Net Energy	339,912	100.00 %

Maximum Demand Record

Date: 5/24/2022	19,183 MW
Date: 5/24/2022	398,523 MWH

Set On Bus, TNB, IPP And MD

Daily Maximum Demand Hour at:	16:30:00 Hour
Total Set On Bus	17,018 MW
TNB Generation	4,734 MW
IPP Generation	11,169 MW
Spinning Reserve	1,087 MW
Maximum Demand	15,911 MW
Net Energy	339,912 MWH
Load Factor	89.01 %

Fuel Cost

Total Cost:	103,886,488.82 RM
Cost per Unit	30.50 cents/kWH

Average Spinning Reserve During Peak Hour

Type	MW
GT	224
Hydro	710
Syncon	333
Thermal	313
Total	1,580

Time	Weather	Temperature
Afternoon	Hot	34
Morning	Sunny	24

Gas Usage

Station	(mmscfd)
GLGR	31
TJGS	210
Total TNB	241
CBPS	54
EMPP	14
NPRI	161
PCGP	88
PGLA	103
SPGP	208
PKLG	78
Total IPP	706
Total Gas	947
Total Gas Required	947

Alternate Fuel Usage

Station	(mmscfd)
Total	0

Hourly System MW Generation

	00:00	01:00	02:00	03:00	04:00	05:00	06:00	07:00	08:00	09:00	10:00	11:00	12:00	13:00	14:00	15:00	16:00	17:00	18:00	19:00	20:00	21:00	22:00	23:00
System Total	13913	13247	12809	12399	12062	11929	12069	12251	12596	13956	14577	14993	14928	14585	14878	15615	15864	15695	14986	15031	15847	15549	14946	14691

Prepared By: -Select Name-

Checked By: -Select Name-

Printed on: Wednesday, January 4, 2023 2:37:17 PM

(Ir. Shanmugam Thoppalan)
Head
Grid System Operator

Daily MW Generation on Friday

Station	Unit	0000	0100	0200	0300	0400	0500	0600	0700	0800	0900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300			
JMAH	U002	215	215	216	215	213	214	214	218	210	214	215	216	213	216	214	214	216	214	213	213	216	216	215	214	215	214	213
JMHE	U001	979	975	899	899	800	801	800	801	802	802	800	800	799	801	796	801	801	798	834	961	978	982	980	979	978	979	978
JMHE	U002	979	979	897	902	802	800	798	801	801	800	799	799	799	801	798	801	802	799	856	954	983	980	981	979	980	980	978
JMJG	U001	671	672	669	672	666	667	669	671	668	671	668	672	671	671	668	670	671	671	663	673	671	672	667	667	672	670	673
JMJG	U002	672	672	673	677	671	675	684	674	673	674	677	673	675	672	673	678	677	674	673	676	677	666	668	671	672	673	676
JMJG	U003	675	677	685	674	683	666	691	668	680	669	683	671	681	679	678	674	672	677	677	679	672	676	676	678	677	673	675
JMJG	U005	977	976	900	896	799	785	800	807	799	798	800	801	799	800	801	801	801	801	853	941	979	979	980	978	975	977	975
PKLG	U005	268	269	269	269	270	268	269	270	269	270	270	268	269	267	267	269	269	269	270	269	269	271	268	270	267	270	271
TBIN	U001	682	352	207	212	210	209	211	210	210	210	211	211	210	210	210	233	379	653	706	703	698	697	701	697	697	701	694
TBIN	U002	211	210	212	213	212	210	211	211	211	211	210	210	210	213	210	212	212	211	209	211	212	211	211	210	211	210	211
TBIN	U003	210	211	207	142	79	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TBIN	U004	941	942	890	802	805	803	803	801	804	803	804	803	803	804	801	802	804	802	858	942	943	942	943	944	943	943	945
Total ST-Coal		7480	7150	6724	6573	6210	6098	6150	6132	6127	6122	6137	6124	6129	6134	6116	6155	6302	6572	6819	7221	7299	7292	7296	7291	7282	7297	7276
Total ST-Oil		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
PKLG	U006	326	267	267	270	267	269	270	270	270	267	269	269	268	269	268	269	268	269	268	331	415	449	426	327	269	267	269
Total ST-Gas		326	267	267	270	267	269	270	270	270	267	269	269	268	269	268	269	268	269	268	331	415	449	426	327	269	267	269
CBPS	BLK2	346	355	354	353	359	361	354	361	357	357	349	362	344	361	355	351	352	357	362	353	356	358	356	358	353	355	360
EMPP	BLK3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	83
GLGR	GT01	93	91	92	94	93	94	93	95	95	93	93	95	93	93	91	92	106	108	108	107	107	107	107	92	92	90	93
GLGR	ST1C	44	42	42	41	42	42	42	42	42	42	43	42	42	41	41	44	43	48	49	48	49	48	43	42	41	42	41
NPRI	BLK1	503	514	515	514	520	523	514	522	519	518	508	523	500	524	515	511	510	513	516	504	509	513	508	514	505	509	515
NPRI	BLK2	498	508	509	507	515	519	508	514	512	513	502	519	493	518	509	503	504	514	517	506	511	514	509	515	506	511	518
PCGP	PGRG	565	585	586	583	599	603	583	604	593	593	572	604	555	604	586	577	574	593	604	577	590	593	586	597	580	589	602
PGLA	GT11	199	203	217	217	219	174	135	136	135	135	136	136	136	136	136	136	204	220	214	211	216	214	217	152	131	132	132
PGLA	GT12	200	203	217	217	221	175	136	136	136	136	136	136	136	136	137	136	136	204	220	215	216	218	216	217	154	133	133
PGLA	ST10	233	216	238	236	239	218	182	182	182	182	183	183	182	182	182	182	182	217	238	235	237	239	237	239	205	183	182
SPGP	BLK1	696	708	711	709	718	719	707	719	712	715	700	719	691	720	710	700	704	713	719	707	705	713	710	711	703	705	715
SPGP	BLK2	696	710	711	706	718	718	707	718	713	714	701	719	691	720	710	700	703	714	718	705	709	716	711	716	708	704	718
TJGS	GT1A	215	223	223	226	227	228	224	227	157	198	151	114	228	162	228	216	223	225	224	224	225	225	222	152	105	111	224
TJGS	GT1B	201	212	211	213	215	216	213	215	143	187	143	100	214	148	216	207	208	214	215	210	213	211	213	212	210	142	96
TJGS	ST1C	234	244	244	241	245	244	243	244	220	216	208	149	207	191	241	238	235	245	246	243	247	248	245	248	247	210	163
TJGS	GT2A	218	218	218	219	218	218	219	130	132	132	132	133	132	133	171	219	219	219	219	218	218	217	217	217	217	216	217
TJGS	GT2B	213	213	213	213	213	213	125	127	127	127	127	127	127	166	214	213	213	213	212	212	212	212	212	212	211	213	211
TJGS	ST2C	251	251	251	251	251	251	197	193	193	193	193	193	193	211	250	250	251	251	252	252	253	253	253	253	253	253	253
Total CCGT-Gas		5405	5496	5552	5540	5612	5516	5324	5167	4968	5051	4875	4855	4964	4990	5208	5272	5282	5546	5634	5531	5566	5601	5608	5606	5362	5140	5133
Total OCGT-Gas		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
BSIA	HY01	23	23	23	23	12	12	12	12	12	12	12	12	12	12	12	12	22	22	22	22	22	22	22	22	22	22	22
BSIA	HY02	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
BSIA	HY03	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	24	24	24
CEND	HY01	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9
CEND	HY02	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9
CEND	HY03	9	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	7	7	7	7	7	7	7	7	7	7
CEND	HY04	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7
HTRG	HY01	0	0	0	0	0	0	0	0	0	0	0	0	0	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1
HTRG	HY02	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1
HTRG	HY03	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7
HTRG	HY04	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7

Daily MW Generation on Friday

Station	Unit	0000	0100	0200	0300	0400	0500	0600	0700	0800	0900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300								
KNRG	HY02	37	37	37	37	23	23	23	23	23	23	23	23	23	23	23	23	37	37	37	37	24	25	25	24	24	24	24	24	25	25	24	
KNRG	HY03	38	38	38	38	21	21	21	21	21	21	21	21	21	21	21	21	38	38	38	38	20	20	20	20	20	20	20	20	20	20	20	
KNYR	HY01	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	101	101	100	100	100	101	101	100	100	100	100	100	100	100	100	
KNYR	HY02	104	105	104	104	104	104	104	104	105	104	105	103	105	105	104	104	104	104	104	105	105	105	105	105	105	104	104	104	104	105	104	104
KNYR	HY03	98	98	97	97	96	96	95	95	95	96	96	97	98	98	98	98	97	96	96	95	95	95	95	95	96	97	98	98	98	98	98	
KNYR	HY04	101	101	101	101	101	101	100	101	101	101	101	101	101	101	100	100	101	100	100	100	101	100	100	100	100	100	101	100	100	100	100	100
LPJA	HY01	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	
MNOR	HY01	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	
PGAU	HY01	20	20	21	21	21	21	21	21	21	21	21	21	21	21	21	21	21	21	21	21	21	21	21	21	21	21	21	21	21	21	21	
PGAU	HY02	21	21	22	22	22	22	22	22	22	22	22	21	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	21	22	
PGAU	HY03	21	21	21	21	21	22	22	22	22	22	22	21	22	22	22	22	22	21	22	22	22	22	22	22	22	21	112	152	151	151	82	
PGAU	HY04	22	22	22	22	22	22	22	22	22	22	22	21	22	22	22	22	22	22	63	82	82	146	146	146	146	146	146	146	147	147	81	81
SIHY	HY01	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
SIHY	HY02	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
SIHY	HY03	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
SYPS	HY01	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
SYPS	HY02	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
SYPS	HY03	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
SYPS	HY04	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
TMGR	HY01	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	32	32	30	31	32	31	32	31	32	32	32	32	84	84	84	84	84	
TMGR	HY02	28	31	33	32	0	0	0	0	0	0	0	0	0	0	33	34	32	33	33	33	34	32	32	33	34	33	83	84	84	84	33	
TMGR	HY03	37	42	42	42	65	84	40	63	41	41	38	84	36	84	42	40	40	42	84	38	40	63	41	58	41	45	84	65	41	43	41	
TMGR	HY04	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
UJLI	HY01	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	77	-1	-1	-1	-1	-1	-1	88	86	89	84	87	-1	93	91	89	88	91	179	183	-1	
UJLI	HY02	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	84	88	90	87	92	86	88	94	93	93	90	182	184	182	184	
UPIA	HY01	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	
UPIA	HY02	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	
Total Hydro		730	737	739	738	686	706	660	684	662	663	659	708	730	709	667	657	656	736	780	812	818	934	957	983	953	962	965	1120	1093	1246	1539	1530
Total Distillate		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
BDLS	LSS1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	5	9	8	13	19	19	19	25	28	27	26	18	7	24	23	19	
BKLS	LSS1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	3	6	8	14	27	19	25	32	34	31	24	29	31	27	18	15	
BSLS	LSS1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	5	7	15	17	17	18	19	30	32	32	32	32	32	15	23	18	
CHLS	LSS1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4	9	16	17	30	25	36	34	40	30	46	33	37	14	12	30	12	
GBLS	LSS1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	4	11	21	22	26	35	43	22	36	44	47	42	14	44	27	24	
GELS	LSS1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4	8	6	17	18	22	16	17	15	21	24	26	28	27	25	25	14	8
GNLS	LSS1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	8	11	16	34	24	25	35	41	48	50	50	45	29	25	16	35	
JELS	LSS1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	5	9	13	18	21	17	26	27	24	28	29	26	21	13	28	18	
JSLs	LSS1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	4	10	16	15	23	27	25	33	35	31	27	37	47	25	16	4	
KDLS	LSS1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5	13	29	40	48	57	58	53	77	89	90	91	91	82	42	51	32	
KKLS	LSS1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	8	16	21	27	28	25	39	45	47	47	46	43	21	28	17	33	
KMLS	LSS1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	5	9	14	15	19	26	20	30	30	30	30	30	16	19	15	27	
KNLS	LSS1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	8	26	36	47	52	48	69	46	98	96	99	99	99	99	37	33	19	
KRLS	LSS1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	8	10	14	17	17	20	16	29	30	29	30	30	30	30	13	14	
MCLS	LSS1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	6	16	18	19	28	28	27	36	31	38	45	48	22	50	49	35	
MNLS	LSS1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	18	53	58	76	65	45	52	57	57	81	69	96	47	99	90	82	
PKLS	LSS1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	14	29	50	45	81	92	113	113	107	113	111	98	110	109	78	67	104	
SPLS	LSS1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5	14	20	22	34	36	43	46	32	52	52	46	52	41	31	47	45	

Daily MW Generation on Friday

Station	Unit	0000		0100		0200		0300		0400		0500		0600		0700		0800		0900		1000		1100		1200		1300		1400		1500		1600		1700		1800		1900		2000		2100		2200		2300			
SSLS	LSS1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	6	13	13	20	22	31	25	34	41	47	47	38	16	24	13	33	26	19	12	7	3	0	0	0	0	0	0	0	0	0	0	0	
STLS	LSS1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	5	6	8	11	16	16	20	15	13	18	19	22	23	21	19	16	13	10	7	3	2	0	0	0	0	0	0	0	0	0	0	0	
TBLS	LSS1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	3	11	19	26	30	30	30	29	30	30	21	30	30	27	30	18	12	24	14	6	4	1	0	0	0	0	0	0	0	0	0	0	0	0
Total LSS		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5	96	258	385	476	615	654	731	716	860	950	970	980	893	879	715	638	599	559	455	275	198	80	13	5	0	0	0	0	0	0	0	0	0	0
ESTL	ESTL	19	19	19	19	18	21	21	23	24	23	19	19	20	22	21	21	23	21	22	21	17	17	18	18	17	19	19	20	16	15	15	20	20	16	17	20	12	10	10	18	17	17	21	24	18	19	19			
KHTC	BLK1	3	2	3	3	3	2	3	2	3	3	4	1	0	4	3	2	1	2	2	2	3	3	0	1	1	0	0	0	0	0	0	0	0	0	0	0	1	2	0	2	3	3	3	4	1	1				
PCUF	CUFG	4	3	3	3	4	4	3	4	3	3	4	5	2	3	2	3	4	3	4	2	4	4	3	4	4	3	2	4	4	3	4	3	4	3	4	3	4	4	2	4	5	3	4	0	1	4				
PCUF	CUFK	6	3	3	5	4	5	5	5	5	4	5	4	5	6	4	4	4	5	4	4	3	3	5	4	4	3	4	7	8	6	4	4	5	5	6	3	4	5	6	6	5	5	6	4	5	6	5	5		
PFTZ	PFTZ	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	0	1	0		
Total Co-Gen		32	27	28	30	29	32	32	34	35	33	32	29	27	35	30	30	32	31	32	29	27	27	26	27	26	25	25	30	32	26	22	23	28	28	26	23	28	21	21	23	26	29	32	32	37	28	26	29		
Total Gen		13973	13677	13310	13151	12804	12621	12436	12287	12062	12136	11972	11985	12118	12137	12290	12387	12637	13412	13918	14338	14593	14839	15033	15072	14909	14701	14638	14737	14945	15340	15624	15761	15912	15931	15692	15335	15074	14889	15063	15841	15872	15737	15581	15283	14998	14793	14712	14448		
TIE-EGAT		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
TIE-HVDC		30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30			
TIE-PLTG		30	30	33	8	-35	-42	7	-20	-30	13	13	-54	19	-48	9	34	11	-22	-68	-24	-14	-23	10	-33	-49	-45	23	23	37	44	-21	-55	18	-10	-33	72	58	64	2	-20	-5	36	2	-16	22	-83	-9	-7		
Interconnection		60	60	63	38	-5	-12	37	10	0	43	43	-24	49	-18	39	64	41	8	-38	6	16	7	40	-3	-19	-15	53	53	67	74	9	-25	48	20	-3	102	88	94	32	10	25	66	32	14	52	-53	21	23		
System Total		13913	13617	13247	13113	12809	12633	12399	12277	12062	12093	11929	12009	12069	12155	12251	12323	12596	13404	13956	14332	14577	14832	14993	15075	14928	14716	14585	14684	14878	15266	15615	15786	15864	15911	15695	15233	14986	14795	15031	15831	15847	15671	15549	15269	14946	14846	14691	14425		
SRev ST-Coal		792	1125	1548	1653	1725	1138	1100	1132	1123	1130	1115	1123	1115	1119	1127	1100	954	683	618	374	298	302	301	303	314	299	319	315	304	306	239	252	308	282	239	424	417	311	258	271	254	231	238	234	271	289	314	234		
SRev OCGT-Gas		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
SRev CCGT-Gas		367	276	220	232	160	256	448	605	804	721	897	917	808	782	564	500	490	226	138	241	206	171	264	166	410	632	739	712	405	205	195	149	214	160	175	323	322	220	151	98	232	225	261	139	313	176	232	225		
SRev ST-Gas		45	45	45	45	45	44	45	45	45	45	45	45	44	45	45	44	45	45	44	45	44	44	28	-6	17	44	44	45	44	45	28	-6	-7	-6	-6	-4	-4	13	44	44	1	-2	-4	-5	-5	-3	-2	7		
SRev LSS		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
SRev Co-Gen		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
Syncon		588	588	588	588	588	588	588	588	588	588	588	588	588	401	714	714	714	714	626	626	439	439	252	252	252	252	252	439	252	252	252	252	126	252	439	626	626	626	252	252	252	252	527	714	714	714	714			
Hydro		734	640	638	639	604	584	630	606	628	627	631	582	747	580	622	632	633	728	684	839	833	904	931	905	935	926	736	768	795	666	473	532	417	399	669	600	746	723	837	625	577	671	784	775	701	720	570	594		
S.Reserve Total		2526	2761	3126	3244	3122	2610	2811	2976	3188	3111	3276	3255	3115	3240	3072	2990	2836	2308	2110	1938	1820	1673	1776	1620	1928	2153	2277	2092	1800	1474	1187	1179	1058	1087	1516	1969	2107	1893	1542	1290	1316	1377	1531	1670	1994	1896	1828	1774		