

Availability at Daily Maximum Demand Hour

ST-Coal	0 MW
ST-Gas	0 MW
ST-Oil	0 MW
Hydro	2,351 MW
Distillate	0 MW
Total TNB	2,351 MW
Total IPP	16,645 MW
Total Co-Gen	0 MW
Total System	22,623 MW

Generation Mix

Type	MWh	Percentage
Hydro	26,983	7.18 %
Gas	50,303	13.38 %
Total TNB	77,286	20.56 %
ST-Coal	201,894	53.71 %
ST-Oil	1,321	0.35 %
LSS	5,074	1.35 %
Gas	89,863	23.90 %
Total IPP	298,152	79.31 %
Co-Gen	698	0.19 %
Total Co-Gen	698	0.19 %
Total Generation	376,136	100.05 %
PLTG	2,492	0.66 %
HVDC	-2,287	-0.61 %
Interconnection	205	0.05 %
Net Energy	375,931	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	18,862 MW
TNB Generation	4,559 MW
IPP Generation	13,109 MW
Spinning Reserve	1,141 MW
Maximum Demand	17,679 MW
Net Energy	375,931 MWH
Load Factor	88.60 %

Fuel Cost

Total Cost:	129,579,878.60 RM
Cost per Unit	34.45 cents/kWH

Average Spinning Reserve During Peak Hour

Type	MW
GT	1,182
Hydro	344
Syncon	262
Thermal	165
Total	1,953

Time	Weather	Temperature
Afternoon	Hot	35
Morning	Sunny	28

Gas Usage

Station	(mmscfd)
GLGR	37
SRDG	5
TJGS	125
Total TNB	167
CBPS	44
EMPP	248
NPRI	123
PCGP	75
PGLA	66
PLPS	49
SPGP	177
Total IPP	780
Total Gas	947
Total Gas Required	961

Alternate Fuel Usage

Station	(mmscfd)
PKLG	14
Total	14

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	15692	14927	14351	13836	13505	13238	13347	13364	13608	15195	16132	16560	16465	16248	16684	17399	17664	17439	16300	16027	17316	17193	16616	16417

Prepared By: -Select Name-

Checked By: -Select Name-

Printed on: Friday, July 22, 2022 10:46:18 AM

(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	U001	706	707	706	707	707	708	708	707	706	708	709	710	709	709	706	705	707	705	705	704	704	704	704	703	703	709	709	707	703																						
JMAH	U002	707	706	707	706	706	703	708	705	710	707	705	708	711	701	711	711	707	704	703	702	704	705	703	703	707	708	706	701	697	701	695																				
JMHE	U001	982	978	978	978	920	919	918	918	879	881	881	881	880	875	882	962	978	979	979	976	980	981	974	977	977	976	983	982	976	982	978	980																			
JMHE	U002	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	4	7	42	186	135	137																	
JMJG	U001	662	667	666	667	664	671	660	667	672	668	667	666	664	667	667	667	671	666	667	667	666	662	667	668	667	667	666	666	662	667	656	649	643	645																	
JMJG	U002	667	671	667	671	668	672	668	672	674	669	670	667	669	671	670	665	672	671	671	672	667	672	669	673	669	671	671	671	672	669	672	671	670	671	671																
JMJG	U003	677	668	668	668	667	671	672	669	673	672	672	666	671	668	668	672	673	672	671	672	669	672	672	671	676	671	670	671	672	672	670	671	671	671	669																
JMJG	U004	972	971	962	951	950	921	920	924	885	885	882	882	883	884	884	886	884	920	980	974	976	974	971	973	973	975	972	972	975	977	977	977	976	978	977	977															
PKLG	U003	273	274	277	278	276	277	278	246	152	146	149	150	149	148	150	150	180	261	278	280	283	273	279	275	278	276	277	278	274	275	274	276	278	279	279	280															
PKLG	U004	273	272	272	273	273	270	276	245	148	148	144	154	153	148	154	152	168	256	276	275	273	271	271	268	274	265	266	272	273	271	274	273	271	271	268	273	275	273	274	270	271	278	272	270	273	269	272	276			
PKLG	U006	449	446	449	447	447	448	449	413	406	362	290	267	269	269	327	360	436	449	448	449	448	447	447	448	449	449	448	450	451	450	449	447	449	446	450	447	448	449	450	449	449	447	445	449	446	449	450	447			
TBIN	U002	701	703	702	700	701	700	703	698	701	696	701	699	701	703	699	689	701	700	702	703	702	701	703	701	705	702	710	709	698	703	705	708	702	703	700	703	702	703	702	703	703	700	702	705	703						
TBIN	U003	699	698	699	701	698	700	698	695	700	703	699	698	704	691	700	677	696	699	701	685	694	702	697	701	608	501	501	488	454	453	451	453	453	453	451	453	453	451	453	342	207	220	213	213	211	210	211	209	211	210	204
TBIN	U004	938	939	938	939	935	920	923	920	883	885	880	883	884	883	885	881	884	940	942	942	942	945	944	943	936	945	942	945	942	943	943	934	939	939	935	937	936	935	937	937	937	936	938	936	934	935	934	936			
Total ST-Coal		8706	8700	8691	8686	8612	8580	8581	8480	8190	8128	8048	8030	8043	8027	8101	8090	8246	8615	8730	8710	8712	8706	8706	8617	8504	8504	8510	8467	8461	8473	8454	8458	8450	8441	8466	8351	8206	8228	8213	8222	8220	8221	8224	8246	8387	8327	8323				
PKLG	U001	75	71	69	69	69	69	69	69	69	69	78	127	135	95	95	95	105	123	123	123	92	85	79	75	71	71	71	71	71	71	55	34	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			
Total ST-Oil		75	71	69	69	69	69	69	69	69	69	78	127	135	95	95	95	105	123	123	123	92	85	79	75	71	71	71	71	71	71	55	34	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
Total ST-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	0		
CBPS	BLK2	218	222	221	223	226	223	218	215	222	224	221	218	222	233	222	213	222	223	223	222	226	222	223	223	217	219	219	234	357	353	353	350	351	354	352	353	305	219	222	359	357	355	360	357	349	360	356	259			
EMPP	BLK1	614	469	434	411	379	375	368	363	373	375	373	374	373	387	372	364	374	502	530	653	712	683	675	687	652	694	671	710	667	709	697	734	660	653	669	689	709	635	639	682	622	616	679	634	579	660	649	535			
EMPP	BLK2	628	470	433	410	380	375	369	364	374	376	375	375	374	388	373	365	374	503	531	656	711	685	675	686	652	692	685	711	682	709	698	737	662	648	684	705	708	643	655	681	636	636	675	650	595	681	660	650			
EMPP	BLK3	614	470	432	410	380	376	370	364	375	376	376	375	374	389	373	365	374	468	502	629	706	658	655	651	622	691	672	710	667	709	698	0	0	0	201	199	604	741	745	747	738	711	706	695	656	652	636				
GLGR	GT01	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	27	65	92	93	84	84	84	106	104	83	84	84	84	84	84				
GLGR	GT02	93	93	93	93	93	93	92	93	93	93	92	92	93	93	92	92	93	92	93	92	92	92	93	92	92	93	93	93	92	92	105	105	105	106	90	92	84	84	83	104	102	82	83	83	84	84	83	84			
GLGR	ST1C	40	41	40	41	40	40	40	40	40	40	41	41	41	41	41	40	41	41	40	39	40	40	41	39	40	40	40	40	40	40	44	46	45	43	63	93	83	83	83	92	94	85	83	83	83	83	83				
NPRI	BLK1	305	310	309	310	315	311	301	299	310	311	308	305	311	324	309	295	308	310	311	311	311	309	310	312	304	305	306	313	308	400	514	514	513	515	517	519	429	422	320	512	511	509	517	509	500	425	417	315			
NPRI	BLK2	304	309	308	310	316	311	301	298	310	310	309	303	310	322	307	293	307	309	310	308	310	309	310	311	303	303	303	313	306	400	517	524	523	524	526	526	430	316	318	517	515	513	521	516	505	529	416	400			
PCGP	PGRG	403	406	403	405	417	405	403	402	405	405	405	407	401	432	403	406	403	405	403	401	403	398	404	402	395	492	393	480	595	602	602	648	597	602	592	588	606	594	603	597	597	602	590	570	597	588	594				
PGLA	GT11	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	31	127	174	214	185	169	167	174	174	215	213	171	168	165	171	169	169			
PGLA	GT12	164	166	165	166	168	167	163	162	166	165	165	165	166	171	169	161	165	165	165	166	167	165	165	164	163	163	164	166	165	223	223	202	174	177	218	189	172	169	177	178	217	216	175	172	169	174	172	173			
PGLA	ST10	91	92	92	92	92	92	92	92	93	92	92	92	93	93	92	92	92	93	93	93	93	93	93	92	93	92	93	92	114	114	108	93	203	241	229	206	205	209	209	241	239	206	206	203	206	205	206				
PLPS	GT11	128	129	128	128	128	129	128	129	129	129	129	128	129	129	128	128	129	128	128	128	128	129	128	128	129	129	128	129	129	140	140	143	143	112	120	115	116	116	143	144	116	115	111	116	113	115					
PLPS	GT13	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	58	138	137	108	114	112	112	142	141	112	112	108	112	109	111				
PLPS	ST18	57	57	57	58	57	58	58	58	58	58	58	57	58	57	58	59	57	58	57	58	57	57	58	58	57	56	58	58																							

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	
BSIA	HY02	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	
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	
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	
CEND	HY03	8	8	8	8	8	8	8	8	8	8	9	9	9	9	9	9	9	9	9	9	9	9	9	9	
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	
HTRG	HY01	62	63	62	62	125	125	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	63	63	63	63	63	63	63	63	
HTRG	HY02	63	63	63	63	1	1	0	0	0	0	0	0	0	0	0	0	63	63	63	63	63	63	63	63	
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	
KNRG	HY01	33	33	33	33	33	33	33	33	33	33	33	33	33	33	33	33	33	33	33	33	33	33	33	33	
KNRG	HY02	37	37	37	37	37	37	37	38	37	38	37	38	38	37	37	38	37	37	37	37	37	37	37	37	
KNRG	HY03	36	36	36	36	36	36	36	36	36	36	36	36	36	36	36	36	36	35	35	35	35	35	35	35	
KNYR	HY01	100	101	101	101	101	100	101	100	101	101	101	101	101	101	100	101	101	101	100	101	101	101	100	101	
KNYR	HY02	104	104	104	104	104	104	104	104	104	104	104	104	104	104	104	104	104	104	104	104	104	104	104	104	
KNYR	HY03	104	104	104	104	104	104	104	104	104	104	104	104	104	104	104	104	104	104	104	104	104	104	104	104	
KNYR	HY04	102	102	102	102	102	102	102	102	102	102	102	102	102	102	102	102	102	104	102	102	102	102	102	102	
LPIA	HY01	22	22	22	22	22	22	22	22	22	22	22	22	22	22	21	20	20	20	20	20	21	21	21	21	
LPIA	HY02	22	22	22	22	22	22	22	22	22	22	21	21	21	21	21	21	21	21	21	21	21	21	21	21	
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	
PGAU	HY03	22	22	22	22	22	21	21	21	21	21	21	21	22	22	22	83	114	114	114	114	152	152	114	22	
PGAU	HY04	22	22	22	23	22	22	22	22	22	22	22	22	83	113	113	113	113	113	113	114	113	152	152	113	
SIHY	HY02	50	50	50	50	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	30	50	50	50	0	
SIHY	HY03	50	50	50	50	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	30	50	50	50	2	
SYPS	HY01	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	17	25	25	25	0	
SYPS	HY03	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	17	25	25	25	0	
SYPS	HY04	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	25	25	25	25	0	
TMGR	HY01	69	84	73	65	84	84	49	42	69	42	42	54	85	44	42	42	85	84	85	85	70	81	83	84	
TMGR	HY02	86	86	86	86	85	0	0	0	0	0	-1	31	90	35	33	35	33	88	84	88	88	87	87	87	
TMGR	HY03	80	81	81	81	80	80	79	30	32	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
TMGR	HY04	81	81	82	81	81	81	31	-1	-1	-1	-1	-1	21	-1	-1	-1	33	81	81	81	81	81	81	81	
UJLI	HY01	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	92	184	182	90	
UJLI	HY02	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	95	93	187	183	92	
UPIA	HY01	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	
UPIA	HY02	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	
Total Hydro		1241	1258	1248	1240	1157	1071	857	768	799	739	741	738	783	894	779	734	775	931	1031	1136	1200	1251	1262	1262	1262
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	
BDLS	LSS1	0	0	0	0	0	0	0	0	0	0	0	0	0	1	2	5	9	11	18	14	23	21	22	26	
BKLS	LSS1	0	0	0	0	0	0	0	0	0	0	0	0	0	2	5	10	14	19	22	24	27	28	6	35	
BSLS	LSS1	0	0	0	0	0	0	0	0	0	0	0	0	0	2	6	7	14	18	23	27	27	30	31	31	
CHLS	LSS1	0	0	0	0	0	0	0	0	0	0	0	0	0	1	3	8	12	14	13	25	33	36	21	39	
GBLS	LSS1	0	0	0	0	0	0	0	0	0	0	0	0	0	2	4	6	9	10	8	6	15	12	18	9	
GELS	LSS1	0	0	0	0	0	0	0	0	0	0	0	0	0	1	3	5	9	11	16	18	19	24	28	16	
GNLS	LSS1	0	0	0	0	0	0	0	0	0	0	0	0	0	2	6	10	13	17	15	29	31	37	44	34	
JELS	LSS1	0	0	0	0	0	0	0	0	0	0	0	0	0	2	4	6	9	10	18	22	20	25	20	21	
JSLs	LSS1	0	0	0	0	0	0	0	0	0	0	0	0	0	2	4	12	12	20	27	10	34	41	37	36	
KDLS	LSS1	0	0	0	0	0	0	0	0	0	0	0	0	0	4	9	18	23	39	64	62	69	86	86	93	
KKLS	LSS1	0	0	0	0	0	0	0	0	0	0	0	0	0	2	9	9	14	12	18	14	37	40	22	39	
KMLS	LSS1	0	0	0	0	0	0	0	0	0	0	0	0	0	2	5	6	9	17	22	24	26	27	25	30	

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																									
KNLS	LSS1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	9	21	31	18	43	41	35	52	55	40	50	50	50	50	50	50	66	33	55	19	15	9	4	0	0	0	0	0	0	0	0	0		
KRLS	LSS1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	3	6	9	18	16	13	26	19	19	16	30	22	30	15	26	23	21	14	22	7	5	3	1	0	0	0	0	0	0	0	0	0	0	
MCLS	LSS1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	3	7	12	14	18	25	29	28	28	38	41	33	33	23	26	40	17	14	11	15	6	3	1	0	0	0	0	0	0	0	0	0	0	
PKLS	LSS1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5	21	31	41	62	67	88	98	108	87	71	87	97	55	54	94	95	35	52	21	21	11	4	0	0	0	0	0	0	0	0	0		
SPLS	LSS1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	4	8	16	21	22	29	40	44	47	47	38	41	43	42	39	33	33	31	13	22	6	4	2	0	0	0	0	0	0	0	0	0		
SSLS	LSS1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	2	7	16	12	14	24	22	23	28	33	18	31	27	35	26	31	13	17	16	16	7	3	2	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	2	3	5	7	10	16	20	21	25	26	26	27	26	27	25	24	15	11	8	8	3	2	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	1	4	9	12	17	26	29	29	30	25	30	29	24	30	22	22	29	21	13	21	7	5	2	1	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	15	65	167	247	323	447	497	612	702	727	699	725	659	722	565	544	563	544	385	382	256	172	97	39	4	0	0	0	0	0	0	0	0	0	
PCUF	CUFG	29	30	29	28	29	9	5	4	5	5	5	3	4	5	5	4	6	4	4	4	5	3	5	6	5	4	5	5	5	5	28	28	27	28	29	28	29	30	29	28	28	30	29	28	28	28			
PCUF	CUFK	27	21	5	5	5	4	4	3	6	5	3	4	3	6	4	4	5	4	4	2	5	2	3	4	4	4	5	5	4	5	7	27	25	26	26	28	26	27	25	27	27	26	27	26	28	28	27		
Total Co-Gen		56	51	34	33	34	13	9	7	11	10	8	7	7	11	9	8	11	8	8	6	10	5	8	10	9	8	10	9	10	12	32	53	54	53	56	55	55	54	57	56	54	55	56	56	54	54	56	55	
Total Gen		15691	15130	14906	14647	14322	14149	13878	13670	13483	13364	13277	13298	13376	13540	13387	13277	13605	14604	15187	15708	16073	16440	16553	16664	16460	16368	16244	16439	16658	16989	17390	17479	17700	17721	17484	16952	16323	16047	16073	16920	17352	17318	17210	17029	16678	16594	16434	16105	
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		
TIE-HVDC		31	-97	-100	-99	-98	-100	-97	-100	-96	-99	-97	-97	-97	-96	-99	-98	-98	-100	-99	-96	-97	-99	-97	-99	-98	-97	-99	-99	-99	-96	-96	-99	-99	-99	-99	-99	-97	-99	-98	-97	-100	-96	-97	-97	-97	-99	-97		
TIE-PLTG		-32	53	79	83	69	89	139	139	75	67	137	138	126	96	122	123	95	144	91	120	38	181	90	57	93	72	93	22	73	54	87	49	135	141	144	145	120	172	144	121	136	142	114	95	159	121	116	121	
Interconnection		-1	-43	-21	-17	-29	-11	42	39	-22	-33	39	41	29	0	23	24	-3	45	-8	24	-59	82	-7	-42	-5	-28	-4	-75	-26	-45	-9	-47	36	42	45	47	23	73	46	24	36	47	17	-2	62	24	17	24	
System Total		15692	15173	14927	14664	14351	14160	13836	13631	13505	13397	13238	13257	13347	13540	13364	13253	13608	14559	15195	15684	16132	16358	16560	16706	16465	16396	16248	16514	16684	17034	17399	17526	17664	17679	17439	16905	16300	15974	16027	16896	17316	17271	17193	17031	16616	16570	16417	16081	
SRev ST-Coal		138	144	153	158	232	264	263	341	393	418	423	428	415	425	416	456	391	228	114	134	132	138	138	138	205	140	140	134	127	133	121	140	136	144	153	128	137	282	260	141	132	134	133	130	148	167	227	231	
SRev ST-Oil		65	69	71	71	71	71	71	71	71	71	62	13	5	45	45	45	35	17	17	17	48	55	61	65	69	69	69	69	69	15	36	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
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	9	12	7	33	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
SRev CCGT-Gas		2337	2900	2732	2977	3146	3180	3234	3250	3182	3178	3194	3200	3188	3083	3193	3261	3193	2836	2548	2186	1984	1700	1710	1687	1822	1410	1552	1314	1096	721	837	836	783	644	446	678	1108	1566	1523	665	494	522	662	763	959	1215	1300	1636	
SRev ST-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	0
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	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	0
Syncon		374	374	374	374	374	374	500	588	588	588	588	676	588	500	588	588	588	500	500	500	500	374	374	374	374	374	374	374	374	187	0	0	0	0	187	500	500	500	500	500	187	187	187	187	500	500	500	500	
Hydro		443	426	436	444	302	301	389	390	359	332	330	332	375	352	379	424	383	402	302	235	171	246	235	235	235	243	253	235	255	325	494	32	82	346	559	399	399	443	427	387	617	622	592	550	412	381	398	386	
S.Reserve Total		3357	3913	3766	4024	4125	4190	4457	4640	4593	4587	4684	4649	4571	4405	4621	4774	4590	3983	3481	3072	2835	2513	2518	2499	2705	2236	2388	2126	1921	1435	1467	1053	1013	1141	1378	1705	2144	2791	2710	1693	1430	1465	1574	1630	2019	2263	2425	2753	