

Daily System Generation Summary on Tuesday

Tuesday, September 27, 2022

Availability at Daily Maximum Demand Hour

ST-Coal	0 MW
ST-Gas	0 MW
ST-Oil	0 MW
Hydro	2,410 MW
Distillate	0 MW
Total TNB	2,410 MW
Total IPP	18,175 MW
Total Co-Gen	0 MW
Total System	23,612 MW

Generation Mix

Type	MWh	Percentage
Hydro	28,092	7.47 %
Gas	30,754	8.17 %
Total TNB	58,846	15.64 %
ST-Coal	230,594	61.28 %
LSS	5,418	1.44 %
Gas	80,793	21.47 %
Total IPP	316,805	84.19 %
Co-Gen	1,110	0.29 %
Total Co-Gen	1,110	0.29 %
Total Generation	376,761	100.13 %
PLTG	2,175	0.58 %
HVDC	-1,700	-0.45 %
Interconnection	475	0.13 %
Net Energy	376,286	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	18,877 MW
TNB Generation	3,227 MW
IPP Generation	14,384 MW
Spinning Reserve	1,211 MW
Maximum Demand	17,612 MW
Net Energy	376,286 MWH
Load Factor	89.02 %

Fuel Cost

Total Cost:	132,622,785.98 RM
Cost per Unit	35.18 cents/kWH

Average Spinning Reserve During Peak Hour

Type	MW
GT	1,486
Hydro	220
Syncon	303
Thermal	145
Total	2,154

Time Weather Temperature

Afternoon	Hot	32
Morning	Sunny	28

Gas Usage

Station	(mmscfd)
GLGR	33
TJGS	100
Total TNB	133
CBPS	37
EMPP	155
KLPP	33
NPRI	62
PCGP	75
PGLA	86
PLPS	68
SGB3	32
SKSP	29
SPGP	83
Total IPP	659
Total Gas	793

Total Gas Required 793

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	15646	14878	14272	13752	13359	13216	13359	13392	13704	15308	16083	16573	16487	16340	16973	17506	17604	17194	16313	16543	17378	17145	16688	16442

Prepared By: -Select Name-

Checked By: -Select Name-

Printed on: Wednesday, October 5, 2022 9:31:17 AM

(Ir. Shanmugam Thoppalan)
Head
Grid System Operator

Daily MW Generation on Tuesday

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	703	707	698	700	701	695	703	702	700	703	681	702	699	703	710	701	704	708	704	705	707	704	706	703	704	706	705	706	703	707	705	704	705	708	704	726	706	705	697	700	701	684	699	702	697	703	
JMAH	U002	706	707	705	704	705	706	705	704	706	707	704	704	707	704	708	705	706	706	705	705	704	704	706	692	690	706	712	703	706	708	718	709	703	705	706	705	704	704	708	704	707	708	704	707	703	707	722	718
JMHE	U001	972	971	970	973	900	902	901	903	903	894	846	848	850	899	898	898	899	973	976	979	975	976	978	976	981	976	978	980	980	979	976	980	978	981	976	977	978	976	981	979	980	980	976	973	979	978	976	981
JMJG	U001	686	685	678	679	677	668	679	609	637	678	677	677	678	679	680	677	677	681	682	682	676	679	682	612	598	673	682	684	676	681	681	666	673	673	660	668	672	668	668	666	672	668	671	672	668	668	667	668
JMJG	U002	686	685	683	685	687	691	687	679	684	685	686	687	686	683	683	687	684	680	688	687	685	683	687	687	685	682	686	682	684	686	686	671	673	673	673	668	672	679	673	678	672	682	672	674	679	674	677	669
JMJG	U003	667	654	660	659	663	666	655	658	649	664	658	660	660	661	665	651	663	657	660	659	662	652	653	660	661	666	663	664	666	667	667	666	661	662	666	662	677	660	666	668	663	664	675	666	663	663	666	667
JMJG	U004	976	975	974	974	958	901	900	901	902	901	854	854	854	892	902	901	902	939	979	976	977	1011	1020	1023	1021	1019	1023	1020	1024	1023	1023	974	977	981	977	975	978	977	975	974	974	977	974	978	975	975	975	974
JMJG	U005	980	979	983	970	949	899	897	906	899	900	848	848	849	902	903	903	897	975	983	979	983	983	982	977	978	990	964	976	974	980	980	931	932	937	923	928	925	934	897	900	897	906	902	884	815	795	800	796
PKLG	U003	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	6	17	25	20	21	24	12	17	20	
PKLG	U004	273	273	274	277	276	278	215	160	154	152	157	154	153	154	153	155	154	212	256	274	273	272	271	278	271	274	274	276	275	274	272	269	269	269	267	268	270	272	271	271	272	268	271	272	270	273	271	277
PKLG	U005	465	469	470	464	466	447	384	312	275	269	269	269	268	270	270	269	267	323	427	468	451	460	464	462	460	460	468	459	462	454	461	450	450	450	464	466	470	455	466	466	468	461	467	470	466	466	467	466
PKLG	U006	450	449	449	449	438	453	433	356	281	269	269	270	269	281	362	442	450	446	449	449	446	446	449	449	446	446	449	447	448	449	446	451	451	451	448	445	446	447	449	449	449	448	448	443	445	445	449	449
TBIN	U002	702	699	700	700	701	698	707	703	699	702	702	703	699	700	705	700	702	703	701	700	705	706	705	697	701	708	698	705	700	701	702	702	709	702	699	700	702	706	699	703	702	700	704	698	702	704	681	681
TBIN	U003	700	700	699	701	698	705	702	699	703	701	700	700	700	700	699	697	699	699	698	699	699	700	700	695	697	703	698	707	696	698	699	695	696	696	687	649	650	650	649	651	652	651	650	652	653	649	650	650
TBIN	U004	873	872	874	872	875	874	872	873	874	872	871	873	873	872	873	872	873	872	876	871	874	869	873	872	872	873	871	873	871	870	873	873	875	876	874	872	872	874	874	870	877	872	870	875	874	875		
Total ST-Coal		9842	9821	9826	9805	9693	9589	9432	9166	9068	9094	8944	8928	8948	9096	9204	9270	9273	9570	9786	9833	9817	9848	9878	9781	9768	9878	9871	9882	9867	9879	9885	9741	9750	9757	9726	9695	9722	9726	9680	9694	9696	9708	9712	9666	9611	9586	9589	9594
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	0	0	0	0	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
CBPS	BLK2	199	201	202	200	201	193	195	198	198	188	198	199	201	202	202	189	192	202	201	191	201	201	204	208	196	196	195	209	207	201	202	205	272	274	267	245	200	201	207	270	264	269	266	270	213	201	198	204
EMPP	BLK1	410	422	429	411	409	402	401	413	409	391	406	408	427	435	424	360	362	372	373	363	374	375	380	382	373	371	372	387	380	374	570	714	709	712	692	709	568	546	720	698	691	699	687	708	694	711	686	554
EMPP	BLK3	410	422	429	410	409	400	400	414	410	392	406	409	424	423	417	360	362	373	372	362	375	374	380	382	372	371	372	387	381	507	709	714	711	712	691	709	565	550	715	702	690	699	687	708	692	711	685	554
GLGR	GT01	92	93	93	91	93	91	92	93	92	91	92	92	92	93	91	92	92	92	92	92	93	93	93	93	92	92	90	92	91	91	93	91	93	91	91	91	91	92	101	90	108	67	65	65	65	67		
GLGR	GT02	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	25	25	60	87	110	108	66	65	66	66	66			
GLGR	ST1C	40	41	40	41	42	41	42	42	41	41	41	41	42	41	42	41	41	40	41	40	41	40	41	40	40	40	41	41	40	40	40	40	41	40	40	40	43	42	37	98	99	79	71	70	70	70		
KLPP	GT15	110	110	110	110	110	110	110	110	110	110	110	110	110	110	110	110	110	110	110	110	110	110	110	110	52	109	109	110	104	110	110	105	110	105	105	105	105	105	111	105	105	105	109	105	105	105	108	
KLPP	ST17	60	61	61	60	60	60	58	59	58	57	58	58	60	58	60	56	58	59	58	58	58	58	59	58	58	58	59	58	58	58	59	58	59	58	58	58	58	58	58	59	57	58	58	58	59	58	57	58
NPRI	BLK2	427	311	311	310	309	299	301	307	305	292	305	308	310	310	311	291	296	313	311	298	308	312	314	320	304	305	302	322	317	310	314	526	521	523	512	517	518	518	526	518	512	517	512	517	512	407	394	402
PCGP	PGRG	396	402	403	398	403	395	396	397	397	394	397	395	403	401	402	399	399	400	403	392	402	399	413	528	398	400	398	463	619	601	607	611	600	607	590	598	602	600	622	600	589	596	588	602	592	600	592	609
PGLA	GT11	136	135	136	135	136	136	135	135	137	135	136	137	136	136	136	136	137	137	136	138	141	140	141	139	140	140	140	140	140	136	135	135	135	171	172	168	136	136	135	135	219	202	135	135	135	135	127	
PGLA	GT12	139	139	139	139	139	140	139	138	139	140	137	140	139	140	139	139	138	139	139	139	139	138	138	138	139	137	138	138	139	139	138	139	174	175	171	139	139	138	139	221	205	138	138	139	139	138	138	138
PGLA	ST10	181	182	182	182	182	181	181	181	182	182	181	181	181	181	181	182	182	182	182	183	183	183	183	183	184	184	184	183	183	183	183	183	204	206	205	182	1											

Daily MW Generation on Tuesday

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	HY01	23	23	23	23	23	23	23	22	22	22	22	22	22	22	22	22	22	23	23	23	22	23	23	23	23	
BSIA	HY02	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	
BSIA	HY03	23	23	23	23	23	23	22	22	22	22	22	22	22	22	23	23	23	23	23	23	23	23	23	23	23	
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	
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	
CEND	HY03	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	
HTRG	HY01	62	62	62	62	-1	-1	-1	-1	-1	-1	0	0	-1	-1	-1	-1	62	62	62	62	63	63	62	62	119	119
HTRG	HY02	120	119	0	0	0	0	0	0	0	0	0	0	-1	-1	66	-1	63	63	63	63	119	119	120	120	117	117
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	
KNRG	HY01	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	21	21	
KNRG	HY02	38	38	38	38	38	38	38	38	38	38	38	38	38	38	38	38	38	38	38	38	38	38	38	38	38	
KNRG	HY03	37	37	37	36	37	37	36	37	37	36	37	37	37	36	37	37	37	36	36	36	36	36	36	36	36	
KNYR	HY01	100	100	100	100	100	99	99	59	58	59	59	100	100	60	59	99	100	100	100	100	100	100	100	100	100	
KNYR	HY02	104	104	104	104	104	104	104	59	58	59	59	104	104	60	59	104	104	104	103	104	104	104	104	104	104	
KNYR	HY03	103	103	102	102	101	101	59	58	60	59	59	100	102	60	60	102	103	102	102	102	102	101	101	100	100	
KNYR	HY04	101	101	101	101	100	100	59	59	60	59	60	101	101	61	60	100	101	101	101	101	101	101	101	101	101	
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	
PGAU	HY01	123	123	23	22	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	22	-1	87	122	121	121	121	84	121	121	121	
PGAU	HY02	124	84	84	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	114	115	21	123	123	123	123	123	123	123	122	
SIHY	HY01	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	31	31	31	31	31	31	0	
SIHY	HY02	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	30	30	30	30	30	30	30	
SYPS	HY01	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	17	17	25	25	25	25	0	
SYPS	HY03	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	17	17	25	25	25	0	0	
SYPS	HY04	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	17	17	24	25	25	25	0	
TMGR	HY01	80	80	80	81	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	80	80	80	80	80	80	80	80	80	80	
TMGR	HY02	85	81	81	81	37	34	-1	-1	-1	-1	-1	-1	-1	-1	-1	86	85	85	85	85	85	85	85	85	85	
TMGR	HY03	81	80	80	32	0	0	0	0	0	0	0	0	0	0	0	32	80	80	80	80	80	80	80	80	80	
TMGR	HY04	42	65	78	48	79	40	41	42	42	39	41	41	79	48	80	37	40	78	78	38	77	77	77	77	77	
UJLI	HY01	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	95	183	185	185	185	87	-1	
UJLI	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	
UPIA	HY01	5	5	5	5	5	5	5	5	4	4	5	4	5	5	5	5	5	5	5	5	5	5	5	5	5	
UPIA	HY02	5	4	4	4	4	5	4	4	4	4	4	4	5	5	5	5	5	5	5	5	5	5	5	5	5	
Total Hydro		1311	1287	1080	916	702	661	541	541	457	451	456	456	643	614	480	500	618	1075	1096	968	1250	1340	1338	1339	1336	1299
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	
BDLS	LSS1	0	0	0	0	0	0	0	0	0	0	0	0	0	1	3	6	9	14	20	22	24	26	15	28	27	
BKLS	LSS1	0	0	0	0	0	0	0	0	0	0	0	0	0	4	8	7	13	19	18	24	23	29	19	15	13	
BSLS	LSS1	0	0	0	0	0	0	0	0	0	0	0	0	0	2	4	9	23	14	26	32	15	32	12	9	10	
CHLS	LSS1	0	0	0	0	0	0	0	0	0	0	0	0	0	1	5	10	11	17	22	25	43	40	37	43	36	
GBLS	LSS1	0	0	0	0	0	0	0	0	0	0	0	0	0	2	5	7	10	24	29	42	37	31	46	43	41	
GELS	LSS1	0	0	0	0	0	0	0	0	0	0	0	0	0	1	3	5	8	15	19	20	20	21	27	29	30	
GNLS	LSS1	0	0	0	0	0	0	0	0	0	0	0	0	0	1	3	3	11	23	14	20	6	6	12	16	31	
JELS	LSS1	0	0	0	0	0	0	0	0	0	0	0	0	0	2	3	9	13	16	11	20	15	6	10	17	13	
JSLS	LSS1	0	0	0	0	0	0	0	0	0	0	0	0	0	2	7	14	23	30	19	18	25	28	32	29	35	
KDLS	LSS1	0	0	0	0	0	0	0	0	0	0	0	0	0	5	9	12	59	35	46	81	38	62	37	27	23	
KKLS	LSS1	0	0	0	0	0	0	0	0	0	0	0	0	0	3	3	8	19	13	14	41	31	44	32	16	15	
KNLS	LSS1	0	0	0	0	0	0	0	0	0	0	0	0	0	2	6	9	15	7	5	14	28	36	100	100	100	
KRLS	LSS1	0	0	0	0	0	0	0	0	0	0	0	0	0	2	3	6	1	1	4	9	12	22	30	30	30	

Daily MW Generation on Tuesday

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			
MCLS	LSS1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	5	8	11	24	33	26	36	41	50	51	51	40	16	50	27	41	35	28	21	11	5	1	0	0	0	0	0	0	0	0	0	0	0	
MNLS	LSS1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	10	17	28	82	87	72	73	78	94	94	94	56	72	40	80	89	79	76	54	28	8	0	0	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	6	21	37	53	47	58	106	100	104	66	112	109	113	93	90	110	97	59	69	42	21	16	6	1	1	0	0	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	6	10	14	16	31	38	41	44	41	52	37	40	40	33	40	40	36	29	20	8	5	0	0	0	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	0	1	3	3	9	12	18	28	36	27	38	41	15	9	26	28	11	7	6	5	5	3	1	0	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	1	4	8	13	17	14	21	23	16	24	28	29	29	26	21	16	23	20	9	12	7	3	1	0	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	2	5	8	18	23	26	15	28	20	18	25	16	23	30	30	30	30	30	28	20	11	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	25	100	171	274	474	472	569	716	658	787	817	806	633	628	660	641	645	533	462	362	245	123	39	4	3	0	0	0	0	0	0	0	0	0	0	0
KHTC	BLK1	3	4	4	3	1	4	2	4	3	4	1	4	2	4	2	4	3	3	2	2	3	3	3	0	2	0	0	0	0	0	0	0	0	0	0	1	1	2	4	1	4	3	1	2	0	2	4			
PCUF	CUFG	27	28	28	28	29	28	28	28	28	29	29	28	27	29	28	28	28	28	28	27	28	27	28	27	28	29	28	28	29	28	28	28	28	28	27	28	29	28	28	28	27	28	28	29	29	29	29	29	29	
PCUF	CUFK	25	25	1	4	5	5	5	4	5	5	7	5	2	7	3	3	4	4	29	27	25	27	27	26	26	27	26	27	26	24	27	26	25	27	26	25	4	4	5	4	4	6	26	27	27	27	27			
Total Co-Gen		55	57	33	35	35	37	35	36	36	38	37	37	31	40	33	35	35	59	57	55	58	58	53	56	56	54	56	54	52	56	54	53	55	54	54	56	56	55	37	33	37	35	32	36	54	58	60	60		
Total Gen		15671	15273	14871	14561	14249	14036	13757	13541	13347	13295	13220	13220	13367	13519	13404	13364	13726	14746	15267	15670	16071	16255	16547	16638	16434	16280	16404	16649	16918	17240	17459	17463	17665	17666	17273	16765	16369	16196	16589	17434	17451	17340	17162	17056	16734	16701	16458	16096	16096	
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	0	0
TIE-HVDC		-30	-30	-30	-30	-30	-30	-30	-30	-30	-30	-30	-30	-30	-30	-30	-30	-100	-100	-100	-100	-100	-100	-100	-100	-100	-100	-100	-100	-100	-100	-100	-100	-100	-100	-100	-100	-100	-100	-100	-100	-100	-100	-100	-100	-100	-30	-30	-30	-30	
TIE-PLTG		73	59	41	16	25	79	53	55	36	68	52	79	56	64	60	94	70	71	77	106	106	64	92	67	65	95	164	95	45	69	53	87	169	157	184	164	156	172	146	141	173	131	117	138	146	45	46	30	30	
Interconnection		43	29	11	-14	-5	49	23	25	6	38	22	49	26	34	30	64	40	-29	-23	6	6	-36	-8	-33	-35	-5	64	-5	-55	-31	-47	-13	69	57	84	64	56	72	46	41	73	31	17	38	46	15	16	0	0	
System Total		15646	15262	14878	14593	14272	14005	13752	13534	13359	13275	13216	13189	13359	13503	13392	13318	13704	14793	15308	15682	16083	16309	16573	16689	16487	16285	16340	16654	16973	17271	17506	17476	17604	17612	17194	16701	16313	16124	16543	17393	17378	17309	17145	17018	16688	16686	16442	16096	16096	
SRev ST-Coal		106	127	122	143	255	351	423	511	503	454	462	474	455	461	440	421	407	234	161	115	131	100	80	168	167	80	107	76	91	79	93	137	128	121	132	133	106	122	148	204	202	190	186	212	267	212	229	224	224	
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	0	0
SRev CCGT-Gas		2009	2054	2230	2357	2203	2273	2273	2224	2236	2310	2239	2223	2217	2193	2175	2471	2375	2323	2589	2303	2164	2201	2084	1834	2154	2411	2361	1958	1775	1700	1469	1127	784	749	842	1041	1459	1540	1166	530	437	615	1022	1048	1339	1226	1480	1810	1810	
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	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	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	0
Syncon		374	374	374	525	890	890	978	978	978	978	852	852	978	1104	1104	978	1104	525	374	525	374	374	374	374	374	374	374	374	374	187	187	187	187	187	187	187	374	374	374	374	374	374	374	187	374	374	374	374	374	
Hydro		197	221	303	316	78	119	151	151	235	241	237	237	25	53	187	293	73	195	325	389	258	168	170	169	172	209	115	113	202	179	175	155	182	154	362	261	252	213	202	208	219	218	216	271	214	191	187	175	175	
S.Reserve Total		2686	2776	3029	3341	3426	3633	3825	3864	3952	3983	3790	3786	3675	3811	3906	4163	3959	3277	3449	3332	2927	2843	2708	2545	2867	3074	2957	2521	2255	2145	1924	1606	1281	1211	1523	1809	2191	2249	1890	1316	1232	1397	1798	1718	2194	2003	2270	2583	2583	