

Availability at Daily Maximum Demand Hour

ST-Coal	0 MW
ST-Gas	0 MW
ST-Oil	0 MW
Hydro	2,438 MW
Distillate	0 MW
Total TNB	2,438 MW
Total IPP	18,936 MW
Total Co-Gen	0 MW
Total System	24,145 MW

Generation Mix

Type	MWh	Percentage
Hydro	14,274	3.65 %
Gas	38,843	9.93 %
Total TNB	53,117	13.58 %
ST-Coal	239,460	61.21 %
ST-Oil	4,232	1.08 %
LSS	4,417	1.13 %
Gas	89,564	22.89 %
Total IPP	337,673	86.31 %
Co-Gen	1,175	0.30 %
Total Co-Gen	1,175	0.30 %
Total Generation	391,965	100.19 %
PLTG	-4	0.00 %
HVDC	730	0.19 %
Interconnection	726	0.19 %
Net Energy	391,239	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:	15:00:00 Hour
Total Set On Bus	19,966 MW
TNB Generation	3,018 MW
IPP Generation	15,369 MW
Spinning Reserve	1,533 MW
Maximum Demand	18,355 MW
Net Energy	391,239 MWH
Load Factor	88.81 %

Fuel Cost

Average Spinning Reserve During Peak Hour

Type	MW
GT	1,078
Hydro	601
Syncon	205
Thermal	114
Total	1,998

Time	Weather	Temperature
Afternoon	Hot	33
Morning	Cloudy	28

Gas Usage

Station	(mmscfd)
GLGR	54
TJGS	112
Total TNB	166
CBPS	47
EMPP	182
KLPP	47
NPRI	145
PCGP	70
PGLA	78
PLPS	36
SPGP	118
Total IPP	723
Total Gas	888

Total Gas Required 932

Alternate Fuel Usage

Station	(mmscfd)
PKLG	44
Total	44

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	16041	15330	14780	14352	13951	13820	13984	13746	14170	15971	16865	17374	17401	17258	18054	18355	18240	17962	16810	16766	17827	17818	17197	16855

Prepared By: -Select Name-

Checked By: -Select Name-

Printed on: Tuesday, June 7, 2022 11:08:48 AM

(Ir. Shanmugam Thoppalan)
Head
Grid System Operator

Daily MW Generation on Thursday

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	705	706	705	706	654	608	603	592	559	504	508	555	606	553	506	594	704	706	705	705	707	707	707	707	706	707	707	710	708	705	708	704		
JMAH	U002	705	704	706	705	706	654	614	602	604	555	504	507	537	602	537	507	574	700	706	709	705	705	703	704	708	703	707	703	705	705	704	706	705	708	
JMHE	U001	977	979	983	930	897	900	906	901	893	857	862	862	857	862	861	862	860	982	980	979	984	985	977	980	980	976	982	983	983	980	979	980	975	978	
JMHE	U002	977	978	982	928	895	903	904	899	897	858	862	860	858	861	832	860	861	957	978	979	984	980	977	978	979	972	979	975	983	979	980	977	975	973	
JMJG	U001	639	637	639	637	645	637	638	637	637	638	637	637	639	639	637	637	637	642	637	639	637	642	662	648	646	650	648	647	648	647	649	645	645	678	
JMJG	U002	0	17	30	30	0	0	0	0	28	28	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
JMJG	U004	980	977	977	956	902	903	904	902	904	863	865	863	865	862	864	865	868	925	978	976	978	979	978	977	980	979	978	975	980	978	978	978	977	977	
JMJG	U005	978	974	972	925	898	897	900	898	897	858	860	859	858	861	861	861	869	978	976	976	977	976	975	973	971	972	972	972	977	972	972	972	971	974	
PKLG	U003	262	262	262	265	265	247	155	152	149	149	150	150	149	150	151	151	150	221	264	265	262	265	262	261	262	262	260	259	263	263	262	264	263	262	
PKLG	U004	272	272	275	272	275	261	181	151	158	155	157	159	155	155	158	159	158	248	276	276	273	271	273	272	272	280	271	269	273	268	273	276	270	272	
PKLG	U005	468	468	466	465	470	459	372	274	266	269	268	269	268	269	269	268	269	334	389	465	467	456	468	469	456	466	466	468	464	464	466	466	462	465	
PKLG	U006	446	449	447	448	451	450	441	371	292	267	269	269	269	269	268	268	269	327	420	449	447	446	449	449	449	449	446	449	451	454	455	449	448	451	
TBIN	U001	696	698	697	698	700	697	699	696	700	697	700	698	694	698	699	700	698	695	693	697	697	697	699	698	700	700	698	701	701	701	701	697	699	699	
TBIN	U002	199	232	313	428	492	634	689	703	701	701	700	700	700	702	701	703	701	701	699	700	705	699	700	704	702	698	702	702	702	702	702	702	680	685	
TBIN	U003	704	701	701	703	706	700	701	700	699	701	700	701	701	701	701	703	700	701	699	699	701	700	699	701	700	702	702	702	702	702	702	700	702	700	
TBIN	U004	936	935	939	904	905	902	904	905	903	864	863	866	864	865	860	862	872	942	943	943	943	942	939	942	937	940	935	940	939	941	940	935	936	937	
Total ST-Coal		9945	9988	10095	9999	9913	9898	9616	9394	9320	9019	8902	8908	8969	9098	8953	8909	9084	9991	10293	10380	10456	10468	10456	10456	10464	10096	10097	10101	10133	10113	10116	10105	10084	10114	10101
PKLG	U001	142	133	133	133	134	133	142	143	143	143	142	142	132	132	139	132	131	131	131	131	123	74	22	0	0	0	0	0	0	0	0	0	0	0	0
PKLG	U002	142	133	132	132	132	132	132	145	145	145	145	144	144	144	145	145	145	145	145	144	144	144	144	144	144	144	144	144	144	144	145	145	151	143	
Total ST-Oil		284	266	265	265	266	265	274	288	288	288	288	286	286	276	276	284	277	276	276	276	275	267	218	166	144	144	144	144	144	144	144	145	145	151	143
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	
CBPS	BLK2	218	225	226	226	226	218	219	220	213	218	225	217	232	224	208	214	226	222	226	222	223	252	362	362	350	361	351	354	361	358	356	356	364	357	357
EMPP	BLK1	649	690	481	509	506	401	414	409	392	403	416	408	419	418	392	396	422	443	519	694	715	713	709	711	689	709	694	672	720	709	706	711	705	710	
EMPP	BLK3	649	691	482	507	509	401	411	409	393	402	414	408	419	418	392	397	421	443	520	695	714	712	710	710	697	710	697	710	721	710	705	710	705	708	
GLGR	GT01	81	81	83	81	82	82	83	81	82	82	81	82	82	82	81	81	83	81	81	82	84	82	81	81	82	81	80	82	83	82	81	82	92	107	
GLGR	GT02	82	82	82	81	82	81	82	81	82	81	82	82	81	81	82	81	81	81	82	81	82	82	81	81	82	82	81	82	82	81	82	93	105	106	
GLGR	ST1C	82	82	83	82	82	82	82	82	82	82	82	82	82	82	82	82	82	82	82	82	82	82	82	82	81	81	81	81	81	85	98	95	83		
KLPP	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	0	0	
KLPP	GT15	130	130	130	130	130	130	130	130	130	130	130	130	130	130	130	130	130	130	130	130	130	130	130	130	130	130	130	130	130	130	130	130	130	130	
KLPP	ST17	67	68	69	68	67	68	68	67	68	68	68	68	69	68	69	69	69	69	69	68	69	70	69	69	69	68	65	145	143	143	143	144	144	145	
NPRI	BLK1	509	515	515	445	400	387	350	343	331	338	346	347	355	356	330	334	349	350	348	347	352	514	515	512	502	511	501	511	512	512	511	514	508	515	
NPRI	BLK2	518	524	527	448	399	322	337	329	317	323	332	333	342	340	316	319	399	451	451	400	403	431	519	517	481	514	496	513	520	517	514	516	509	520	
PCGP	PGRG	400	400	401	398	401	401	401	399	400	402	401	417	412	408	403	404	406	400	398	557	407	401	400	407	402	402	407	478	549	533	483	474	603	583	
PGLA	GT11	170	171	172	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	9	134	199	216	216	217	216	217	216	217	176	175	
PGLA	GT12	173	174	175	183	157	153	158	155	151	154	158	157	161	160	157	157	164	159	159	157	160	159	159	221	210	185	204	219	219	219	220	220	220	220	
PGLA	ST10	205	205	127	94	90	88	88	89	89	89	89	87	90	90	86	86	89	89	89	89	89	88	90	112	105	92	216	242	242	240	240	240	240	240	
PLPS	GT13	122	125	125	124	125	124	124	125	125	124	124	125	125	125	125	125	125	125	124	124	125	125	125	125	125	124	138	137	137	137	136	138	137		
PLPS	ST18	60	59	59	58	58	58	58	58	58	58	58	57	58	57	57	58	56	57	57	57	58	58	58	58	58	58	57	57	58	57	57	57	58	57	
SPGP	BLK1	723	360	360	361	360	360	360	361	360	360	361	360	362	361	361	360	362	360	360	360	361	361	360	360	361	359	361	362	360	452	551	550	551		
SPGP	BLK2	0	0	0	83	81	204	203	203	203	273	317	359	362	362	362	360	358	359	360	356	356	355	361	360	361	321	361	361	359	450	548	548	552		
TJGS	GT1A	105	103	105	105	104	106	106	105	103	105	105	103	104	104	104	105	105	105	105	105	105	102	102	102	102	104	104	105	102	102	103	103	103	103	
TJGS	GT1B	96	99	98	100	100	97	99	101	100	101	101	100	98	100	97	100	98	97	99	97	101	99	97	97	98	97	96	95	96	98	96	99	100		
TJGS	ST1C	134	134	134	134																															

Daily MW Generation on Thursday

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	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22
BSIA	HY03	22	0	11	23	23	23	22	22	22	22	23	23	11	12	12	12	12	22	22	22	22	22	22	22
CEND	HY01	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
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	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	HY04	7	7	8	7	7	7	8	8	8	8	8	8	8	8	7	8	7	7	8	8	8	8	7	7
HTRG	HY01	-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	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
HTRG	HY03	4	4	4	3	3	3	3	3	3	3	3	3	3	3	3	4	4	3	3	4	4	3	3	3
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	21	0	0	0	0	0	0	0	0	0	0	0	0	0	33	33	34	34	33	33	33	34	34	33
KNRG	HY02	20	21	21	21	21	20	21	20	20	21	21	22	22	20	20	21	21	37	37	37	37	37	37	37
KNRG	HY03	22	23	23	22	23	22	22	22	21	22	22	22	24	23	21	21	23	23	36	36	36	36	36	36
LPJA	HY01	21	21	21	21	21	21	21	21	21	21	21	21	21	21	21	22	22	22	22	22	22	22	22	22
LPJA	HY02	20	20	20	20	20	20	20	20	20	20	20	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	20	21	21	21	21	21	21	21	21	21	21	21	21	21	21	22	23	23	23	23	23	23	21	21
PGAU	HY04	20	20	20	20	20	20	20	20	21	21	21	21	21	21	21	22	22	22	22	23	21	20	21	20
SIHY	HY02	31	0	0	0	0	0	0	50	50	50	50	50	50	50	50	50	50	50	50	46	30	30	30	30
SIHY	HY03	31	0	0	0	0	0	0	0	0	0	0	0	0	0	30	30	30	30	30	30	30	30	30	30
SYPS	HY01	0	0	0	0	0	0	0	17	17	17	17	17	17	17	17	17	17	17	17	16	16	16	16	16
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
TMGR	HY01	43	43	43	43	43	42	43	43	39	41	43	43	43	39	39	54	67	45	43	45	45	42	44	40
TMGR	HY02	31	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	35	35	35	36	83	83	30	81	36
TMGR	HY03	30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TMGR	HY04	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	33	33	33	33	33	33	30	32	-1
UJLI	HY01	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	87	-1	-1	-1	90	88	91
UJLI	HY02	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	98	92	90
UPIA	HY01	5	5	5	5	5	5	5	5	5	5	5	5	5	4	4	4	4	4	4	4	4	4	4	4
UPIA	HY02	4	5	5	5	5	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4
Total Hydro		409	246	258	266	267	263	265	264	326	329	333	333	335	334	303	304	322	337	493	491	495	602	669	672
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	0	0	0	0	0	0	0	0	0	0	0
BKLS	LSS1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
BSLS	LSS1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
CHLS	LSS1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
GELS	LSS1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
GNLS	LSS1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
JELS	LSS1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
JSLS	LSS1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
KDLS	LSS1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
KKLS	LSS1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
KMLS	LSS1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	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	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	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	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	0	0	0	0	0	0	0	0	0	0

Daily MW Generation on Thursday

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	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	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	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	0	0	0	0	0	0	0	0	0
PCUF	CUFG	22	22	22	22	22	22	23	25	25	26	24	25	26	26	24	24	23	22	22	21	21	20	23	24
PCUF	CUFK	26	27	27	25	25	27	26	26	26	26	27	26	27	26	24	27	26	24	29	27	27	27	26	25
Total Co-Gen		48	49	49	47	47	49	48	48	49	51	52	52	50	53	51	50	49	47	47	46	46	46	44	47
Total Gen		16118	15726	15360	15051	14845	14631	14369	14136	14055	13870	13858	13880	14020	14124	13813	13810	14226	15307	16008	16418	16823	17093	17356	17546
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
TIE-HVDC		30	31	31	30	30	31	31	31	31	30	30	31	31	30	30	30	30	30	30	30	30	30	30	30
TIE-PLTG		47	53	-1	45	34	48	-13	51	73	44	8	26	5	30	37	0	26	-8	7	-38	-72	-125	-48	-23
Interconnection		77	84	30	75	65	78	17	81	104	75	38	57	36	60	67	30	56	23	37	-8	-42	-95	-18	7
System Total		16041	15642	15330	14976	14780	14553	14352	14055	13951	13795	13820	13823	13984	14064	13746	13780	14170	15284	15971	16426	16865	17188	17374	17539
SRev ST-Coal		114	98	34	290	449	472	695	738	739	784	778	779	781	776	775	776	764	320	178	145	103	91	103	103
SRev ST-Oil		-4	14	15	15	14	15	6	-8	-8	-8	-8	-6	-6	4	4	-4	3	4	4	4	5	13	15	11
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
SRev CCGT-Gas		1014	1249	1733	1692	1814	2110	2100	2124	2194	2083	1983	1965	2046	2062	2196	2539	2370	2287	2133	1856	1631	1573	1352	1219
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
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
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
Syncon		588	676	676	676	676	676	676	676	676	676	676	676	676	676	676	676	500	500	500	374	374	374	374	187
Hydro		546	370	382	374	373	377	375	376	389	386	382	382	380	381	412	411	393	378	513	515	511	655	588	585
S.Reserve Total		2258	2407	2840	3047	3326	3650	3852	3906	3990	3921	3811	3796	3877	3899	4063	4398	4206	3665	3328	3020	2750	2706	2432	2292