

Availability at Daily Maximum Demand Hour

ST-Coal	0 MW
ST-Gas	0 MW
ST-Oil	0 MW
Hydro	1,788 MW
Distillate	0 MW
Total TNB	1,788 MW
Total IPP	19,120 MW
Total Co-Gen	0 MW
Total System	24,616 MW

Generation Mix

Type	MWh	Percentage
Hydro	12,069	3.12 %
Gas	63,654	16.47 %
Total TNB	75,723	19.59 %
ST-Coal	199,435	51.59 %
LSS	7,808	2.02 %
Gas	102,055	26.40 %
Total IPP	309,298	80.01 %
Co-Gen	744	0.19 %
Total Co-Gen	744	0.19 %
Total Generation	385,765	99.79 %
PLTG	880	0.23 %
HVDC	-1,687	-0.44 %
Interconnection	-807	-0.21 %
Net Energy	386,572	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:	14:30:00 Hour
Total Set On Bus	19,763 MW
TNB Generation	3,768 MW
IPP Generation	14,314 MW
Spinning Reserve	1,637 MW
Maximum Demand	18,091 MW
Net Energy	386,572 MWH
Load Factor	89.03 %

Fuel Cost

Average Spinning Reserve During Peak Hour

Type	MW
GT	571
Hydro	354
Syncon	641
Thermal	294
Total	1,860

Time	Weather	Temperature
Afternoon	Hot	35
Morning	Sunny	24

Gas Usage

Station	(mmscfd)
GLGR	29
TJGS	182
Total TNB	211
CBPS	48
EMPP	291
KLPP	50
NPRI	141
PCGP	88
SKSP	49
SPGP	208
Total IPP	876
Total Gas	1,087
Total Gas Required	1,087

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	16145	15251	14756	14244	13889	13805	14053	13849	14094	15631	16381	16802	16741	16655	17740	18053	18024	17631	16822	16833	17399	17649	17245	16818

Prepared By: -Select Name-

Checked By: -Select Name-

Printed on: Tuesday, April 4, 2023 11:44:24 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	U002	0	0	0	0	0	0	73	185	201	216	0	0	0	0	0	0	0	0	0	0	0	0	0	0
JMHE	U001	977	974	973	975	975	975	915	900	900	901	900	901	898	899	900	899	897	952	976	972	978	974	974	971
JMHE	U002	975	975	973	970	971	976	918	901	900	900	897	900	899	899	901	900	902	927	977	972	979	973	978	976
JMJG	U001	669	670	671	672	677	673	672	673	672	671	671	672	673	671	672	669	673	677	661	571	579	636	677	668
JMJG	U002	682	678	678	682	679	679	682	681	681	682	678	680	601	618	645	678	677	683	681	679	681	681	678	677
JMJG	U003	667	668	667	667	665	676	663	667	669	668	664	666	667	666	669	666	672	667	667	670	672	669	660	673
JMJG	U004	967	972	971	971	970	972	959	903	899	900	898	901	902	901	900	897	900	913	972	977	977	977	975	977
JMJG	U005	975	972	973	972	976	975	939	901	898	900	902	900	903	903	897	900	898	920	978	979	981	977	977	979
PKLG	U003	276	276	275	238	158	152	158	161	161	161	160	160	160	161	160	160	159	219	275	275	281	277	277	276
PKLG	U004	277	275	273	246	155	151	159	148	149	154	156	152	150	155	155	150	152	152	206	247	273	274	274	270
PKLG	U006	447	445	447	449	448	447	446	449	451	447	450	448	446	449	449	449	447	449	449	449	451	447	445	444
TBIN	U001	212	209	209	211	212	210	212	210	212	212	210	211	211	210	210	209	210	211	208	210	212	210	211	210
TBIN	U002	499	304	209	211	211	212	211	210	209	212	209	211	212	210	212	210	211	210	233	369	560	700	700	700
TBIN	U004	982	983	982	983	982	983	962	904	903	903	902	903	902	903	902	902	923	985	986	983	983	981	983	983
Total ST-Coal		8605	8401	8301	8247	8079	8081	7896	7781	7889	7912	7916	7704	7627	7642	7672	7692	7700	7838	8147	8253	8315	8335	8309	8223
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
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
CBPS	BLK2	353	350	308	226	225	226	227	222	206	210	208	226	224	222	214	226	226	227	222	289	359	359	304	354
EMPP	BLK1	686	681	702	711	709	574	419	408	391	395	394	410	410	408	408	406	411	708	710	699	714	706	709	684
EMPP	BLK2	682	680	706	710	709	709	702	602	570	393	395	410	410	406	408	407	595	710	709	698	713	711	708	683
EMPP	BLK3	686	681	706	711	710	710	711	661	562	569	394	412	641	707	693	406	598	710	707	697	713	711	709	687
GLGR	GT02	94	94	94	94	94	94	94	93	94	94	94	94	94	95	94	94	95	94	94	94	94	94	94	94
GLGR	ST1C	42	42	42	41	41	41	41	41	41	41	41	41	41	41	41	41	41	41	41	41	41	41	41	41
KLPP	GT13	107	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
KLPP	GT14	115	114	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
KLPP	GT15	112	112	112	112	112	112	113	113	108	108	108	113	113	112	112	111	112	113	113	112	122	115	114	113
KLPP	ST17	194	134	62	63	63	62	62	62	60	61	60	62	62	62	63	63	62	61	62	61	62	61	62	61
NPRI	BLK1	494	495	502	322	321	322	322	316	303	308	305	322	323	323	314	327	376	388	424	522	520	520	509	512
NPRI	BLK2	0	117	118	118	117	26	168	233	306	390	540	542	540	542	334	329	332	435	502	518	529	528	529	512
PCGP	PGRG	583	578	596	604	600	603	601	591	564	572	570	604	602	602	591	586	605	603	601	597	616	602	600	579
SKSP	BLK1	223	223	223	222	223	223	222	220	222	223	223	225	224	224	222	221	222	228	224	221	224	221	221	223
SPGP	BLK1	720	720	719	720	720	720	721	718	714	715	714	716	719	715	716	713	717	718	716	716	715	714	711	713
SPGP	BLK2	706	698	709	717	716	716	718	706	691	696	692	715	719	717	709	705	718	717	718	715	709	708	702	702
TJGS	GT1A	193	155	128	126	129	126	126	126	114	120	113	125	127	127	129	124	126	127	125	126	125	128	125	185
TJGS	GT1B	178	143	113	116	115	117	117	113	103	108	101	114	115	114	115	113	113	115	114	116	115	173	114	116
TJGS	ST1C	226	193	165	165	164	164	163	164	157	155	161	165	164	164	163	163	164	164	164	165	165	165	193	166
TJGS	GT2A	218	188	149	132	132	132	132	132	132	132	132	132	130	133	132	132	130	132	132	132	130	132	169	
TJGS	GT2B	213	183	144	128	127	128	126	127	127	128	127	128	126	127	127	126	125	127	126	127	127	165	213	
TJGS	ST2C	251	229	203	191	191	191	191	192	191	191	191	191	191	192	192	192	191	192	192	192	192	216	252	
Total CCGT-Gas		7076	6810	6501	6229	6218	5996	5976	5840	5656	5609	5563	5745	5979	6033	5787	5460	5911	6598	6662	6673	6917	6947	7034	7137
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
BSIA	HY01	22	22	22	22	22	22	11	11	11	11	11	11	11	11	12	11	11	12	12	11	11	12	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
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
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	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
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

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					
HTRG	HY02	69	69	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	69	69	69	-1	-1	-1	-1	
HTRG	HY04	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	
KNRG	HY02	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	22	22	22	0	0	0	0	
KNRG	HY03	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	38	38	38	
KNYR	HY01	59	59	60	60	60	60	59	58	59	60	60	60	60	60	60	60	60	100	100	100	100	100	100	100	100	100	100	100	
KNYR	HY02	60	60	73	100	99	99	73	62	61	61	98	96	60	60	60	61	92	82	79	61	61	60	60	73	67	61	61	60	
KNYR	HY03	55	54	55	55	55	55	55	54	54	54	55	55	55	55	55	55	55	98	98	59	59	59	59	59	54	53	53	52	
LPIA	HY01	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	14	14	14	14	14	14	14	14	14	14	14	14	13	
LPIA	HY02	13	13	13	13	13	13	13	13	13	13	13	12	12	12	12	12	12	14	14	14	14	13	13	13	13	13	13	14	
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	
PGAU	HY01	-1	17	22	-1	-1	-1	-1	-1	-1	-1	-1	-1	13	-1	-1	-1	-1	-1	-1	-1	-1	-1	19	-1	-1	-1	-1	-1	
PGAU	HY02	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	19	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	22	
PGAU	HY03	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	110	111	0	0	0	0	0	0	
SIHY	HY01	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	49	50	30	30	30	30	30	0	0	0	0	
SIHY	HY02	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	50	50	30	30	30	30	30	0	0	0	0	
SIHY	HY03	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	50	50	30	30	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	0	0	0	17	17	25	25	25	0	0	
SYPS	HY03	0	0	0	0	0	0	0	0	0	0	0	0	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	0	
SYPS	HY04	0	0	0	0	0	0	0	0	0	0	0	0	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	0	
TMGR	HY01	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	35	36	82	82	-1	
TMGR	HY02	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	85	32	0	0	0	0	0	0	0	0	
TMGR	HY04	38	39	41	60	41	41	42	42	37	39	38	52	51	42	42	39	48	45	46	41	42	41	49	60	39	75	80	84	
UJLI	HY01	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	89	93	175	87	56	-1	93	93	180	142	87	91	143	
UPIA	HY01	5	5	5	5	5	5	5	5	5	5	4	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	4	
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	5	5	5	5	
Total Hydro		399	417	369	392	372	372	336	325	317	318	318	390	367	324	321	332	331	328	361	357	426	508	486	526	439	405	368	484	645
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
BDLS	LSS1	0	0	0	0	0	0	0	0	0	0	0	0	0	1	3	6	9	14	18	20	22	24	26	26	24	27	26	25	18
BKLS	LSS1	0	0	0	0	0	0	0	0	0	0	0	0	0	2	6	10	11	14	19	22	25	29	32	33	33	32	33	31	28
BSLS	LSS1	0	0	0	0	0	0	0	0	0	0	0	0	0	3	8	12	19	23	27	30	32	31	32	32	32	32	29	27	23
CHLS	LSS1	0	0	0	0	0	0	0	0	0	0	0	0	0	2	10	19	19	26	24	40	21	19	28	47	46	47	27	46	14
GBLS	LSS1	0	0	0	0	0	0	0	0	0	0	0	0	0	1	5	12	19	26	27	21	22	28	41	32	40	44	44	38	
GELS	LSS1	0	0	0	0	0	0	0	0	0	0	0	0	0	3	6	12	16	14	17	11	18	28	26	27	29	30	30	14	
GNLS	LSS1	0	0	0	0	0	0	0	0	0	0	0	0	0	4	9	15	21	29	37	41	42	46	48	49	48	38	46	43	
JELS	LSS1	0	0	0	0	0	0	0	0	0	0	0	0	0	1	4	7	12	20	28	30	31	31	31	31	31	31	30	29	10
JSLs	LSS1	0	0	0	0	0	0	0	0	0	0	0	0	0	1	4	7	7	17	27	25	39	43	50	42	44	44	49	50	19
KDLS	LSS1	0	0	0	0	0	0	0	0	0	0	0	0	0	7	20	33	47	62	71	78	89	93	93	93	93	93	92	85	76
KKLS	LSS1	0	0	0	0	0	0	0	0	0	0	0	0	0	3	9	18	25	29	32	35	42	44	45	46	46	45	40	42	37
KMLS	LSS1	0	0	0	0	0	0	0	0	0	0	0	0	0	2	6	11	16	21	24	27	29	30	30	30	30	30	30	29	28
KNLS	LSS1	0	0	0	0	0	0	0	0	0	0	0	0	0	1	12	18	39	63	76	89	97	100	100	100	100	100	100	100	100
KRLS	LSS1	0	0	0	0	0	0	0	0	0	0	0	0	0	3	4	12	19	15	24	27	29	25	30	30	30	30	22	27	23
MALS	LSS1	0	0	0	0	0	0	0	0	0	0	0	0	0	2	6	8	9	25	28	19	30	29	29	26	29	30	21	30	18
MCLS	LSS1	0	0	0	0	0	0	0	0	0	0	0	0	0	1	4	15	12	26	28	35	44	45	50	51	49	51	49	46	42
MNLS	LSS1	0	0	0	0	0	0	0	0	0	0	0	0	0	2	9	14	39	74	82	81	97	98	98	99	99	100	99	99	97
PKLS	LSS1	0	0	0	0	0	0	0	0	0	0	0	0	0	5	21	42	69	79	68	105	117	117	111	117	115	116	113	97	107
SPLS	LSS1	0	0	0	0	0	0	0	0	0	0	0	0	0	1	5	13	20	29	18	22	49	42	31	50	43	8	17	52	33
SSLS	LSS1	0	0	0	0	0	0	0	0	0	0	0	0	0	1	3	10	19	23	28	35	39	42	44	46	46	45	44	41	38

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			
STLS	LSS1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	2	5	9	12	16	7	12	18	15	16	13	25	20	13	16	7	16	13	7	7	6	3	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	4	9	15	28	5	30	30	30	29	30	30	30	30	30	30	26	30	30	27	20	6	2	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	11	91	221	392	603	682	764	916	975	1006	1026	1051	1033	1029	1023	935	867	752	728	613	481	273	120	32	7	0	0	0	0	0	0	0	0	0	0
ESTL	ESTL	14	0	0	1	13	12	0	0	11	15	4	16	16	17	8	9	14	0	17	16	5	14	21	23	13	15	22	23	20	22	15	1	16	14	14	14	16	17	17	14	15	0	7	0	0	13	12	0		
KHTC	BLK1	0	0	0	0	0	0	0	0	0	0	2	0	2	1	2	0	0	0	0	0	0	0	0	0	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	3	3	4	2	4	3	3	4	3	4	2	3	2	3	4	4	2	3	4	5	4	2	5	3	2	4	3	6	3	4	4	3	2	4	4	3	2	4	4	4	4	4	3	4	3	4	2			
PCUF	CUFK	11	11	10	11	10	11	10	11	11	11	10	11	8	12	11	10	8	12	11	9	11	10	11	12	11	11	9	10	12	11	11	11	10	11	12	11	9	11	11	9	11	10	11	10	12	10	11			
PFTZ	PFTZ	5	5	5	5	5	5	5	5	5	5	5	5	5	6	5	5	5	5	5	5	5	6	5	6	6	6	6	6	6	7	7	7	7	7	7	6	6	6	6	6	6	5	5	5	5	5	5			
Total Co-Gen		33	19	19	19	32	31	18	20	30	35	24	34	33	39	30	28	29	20	37	35	25	32	42	44	32	36	43	41	42	44	37	23	37	33	36	36	36	34	38	35	34	20	25	20	18	34	31	18		
Total Gen		16113	15647	15190	14887	14701	14480	14226	13966	13892	13874	13821	13873	14006	14038	13810	13523	14062	15005	15599	15921	16365	16586	16787	16905	16777	16543	16609	17126	17706	18126	18068	18054	18017	17987	17599	17164	16770	16607	16757	16851	17307	17489	17581	17476	17195	17031	16794	16400		
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		-28	-28	-28	-30	-29	-29	-29	-29	-29	-29	-25	-28	-30	-28	-31	-28	-28	-51	-98	-98	-100	-98	-100	-100	-97	-100	-99	-98	-99	-97	-99	-97	-96	-98	-98	-98	-97	-95	-100	-99	-99	-98	-100	-98	-99	-98	-99	-48	-29	
TIE-PLTG		-4	19	-33	-17	-26	13	11	12	31	21	45	-47	-17	-28	-3	-37	-4	18	66	118	84	18	85	167	133	45	54	74	65	132	115	131	89	55	66	38	45	14	23	10	7	24	30	53	48	14	24	-16		
Interconnection		-32	-8	-61	-47	-55	-15	-18	-17	3	-8	16	-75	-47	-57	-39	-65	-32	-33	-32	20	-16	-80	15	67	36	-55	-46	-24	-34	35	15	34	-7	-44	-32	-60	-52	-86	-76	-89	-92	-76	-68	-46	-50	-85	-24	-45		
System Total		16145	15655	15251	14934	14756	14495	14244	13983	13889	13882	13805	13948	14053	14095	13849	13588	14094	15038	15631	15901	16381	16666	16802	16838	16741	16598	16655	17150	17740	18091	18053	18020	18024	18031	17631	17224	16822	16693	16833	16940	17399	17565	17649	17522	17245	17116	16818	16445		
SRev ST-Coal		341	348	352	381	377	366	566	810	802	784	779	743	795	802	774	752	737	617	365	349	330	321	347	343	339	377	265	248	333	346	203	204	193	272	259	275	283	250	257	259	252	250	333	301	248	330	325	313		
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		712	903	1037	1309	1320	1442	1562	1848	2032	2249	2325	2143	1909	1855	2087	2414	1963	1276	1212	1201	957	927	840	737	802	1078	1048	644	356	511	502	417	384	314	397	662	605	669	396	543	234	245	244	302	277	312	375	637		
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		
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		791	640	766	917	917	917	917	917	917	917	917	766	917	917	917	766	917	917	917	917	917	579	730	730	730	730	917	730	730	554	642	642	642	642	678	829	829	829	741	428	428	302	151	428	829	741	741	590		
Hydro		274	407	329	155	175	175	211	222	230	229	229	308	180	223	226	366	216	219	236	240	171	427	298	258	345	379	229	300	289	226	325	364	344	267	438	210	193	201	235	581	433	442	554	451	273	226	266	410		
S.Reserve Total		2118	2298	2484	2762	2789	2900	3256	3797	3981	4179	4250	3960	3801	3797	4004	4298	3833	3029	2730	2707	2375	2254	2215	2068	2216	2564	2459	1922	1708	1637	1672	1714	1650	1582	1859	2063	1997	2036	1803	1811	1347	1239	1282	1482	1627	1696	1794	2037		