

Availability at Daily Maximum Demand Hour

ST-Coal	0 MW
ST-Gas	0 MW
ST-Oil	0 MW
Hydro	2,038 MW
Distillate	0 MW
Total TNB	2,038 MW
Total IPP	18,308 MW
Total Co-Gen	0 MW
Total System	24,625 MW

Generation Mix

Type	MWh	Percentage
Hydro	13,155	3.48 %
Gas	57,537	15.22 %
Total TNB	70,692	18.69 %
ST-Coal	223,983	59.23 %
LSS	3,685	0.97 %
Gas	79,846	21.12 %
Total IPP	307,514	81.32 %
Co-Gen	1,274	0.34 %
Total Co-Gen	1,274	0.34 %
Total Generation	379,480	100.36 %
PLTG	624	0.17 %
HVDC	719	0.19 %
Interconnection	1,343	0.36 %
Net Energy	378,137	100.00 %

Maximum Demand Record

Date: 3/29/2022	18,840 MW
Date: 3/10/2020	394,238 MWH

Set On Bus, TNB, IPP And MD

Daily Maximum Demand Hour at:	15:30:00 Hour
Total Set On Bus	19,159 MW
TNB Generation	3,962 MW
IPP Generation	13,918 MW
Spinning Reserve	1,229 MW
Maximum Demand	17,846 MW
Net Energy	378,137 MWH
Load Factor	88.29 %

Fuel Cost

Average Spinning Reserve During Peak Hour

Type	MW
GT	494
Hydro	486
Syncon	362
Thermal	252
Total	1,594

Time	Weather	Temperature
Afternoon	Cloudy	32
Morning	Rainy	22

Gas Usage

Station	(mmcsfd)
GLGR	53
SRDG	3
TJGS	155
Total TNB	211
CBPS	46
EMPP	180
NPRI	157
PCGP	71
PLPS	75
SPGP	181
Total IPP	710
Total Gas	921

Total Gas Required 921

Alternate Fuel Usage

Station	(mmcsfd)
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	15336	14579	14041	13619	13418	13462	13632	13284	13917	15603	16489	16924	16822	16751	17426	17821	17797	17161	16431	16317	16870	17088	16680	16202

Prepared By: -Select Name-

Checked By: -Select Name-

Printed on: Monday, May 9, 2022 8:56:57 AM

(Ir. Shanmugam Thoppalan)
Head
Grid System Operator

Daily MW Generation on Wednesday

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	696	694	695	696	695	693	695	695	696	696	695	696	697	697	693	695	697	697	695	695	695	696	696	695	693
JMAH	U002	700	696	694	695	694	697	695	694	697	693	696	694	696	696	694	696	693	695	693	697	694	697	694	696	698
JMHE	U002	978	981	927	929	929	881	881	879	881	881	879	884	883	880	877	883	878	903	976	952	973	975	975	976	977
JMJG	U001	672	668	667	668	667	667	666	666	626	620	623	629	634	660	662	654	668	664	621	591	679	668	672	673	669
JMJG	U002	675	667	673	666	673	672	664	668	628	635	620	634	626	631	630	626	626	636	647	671	667	672	679	673	670
JMJG	U003	678	668	662	665	678	672	672	668	629	618	621	629	618	623	618	625	629	621	634	681	658	673	668	674	671
JMJG	U004	978	976	961	934	928	885	883	886	886	882	884	885	883	882	883	882	884	887	942	977	977	979	978	976	977
JMJG	U005	972	975	939	928	931	879	881	876	880	878	880	880	883	880	878	879	881	896	952	976	973	974	972	972	973
PKLG	U003	279	277	278	278	276	278	277	275	275	276	277	277	277	276	274	277	277	276	274	275	275	273	273	276	277
PKLG	U004	279	277	274	276	273	272	268	274	274	271	272	273	272	290	273	270	271	268	271	272	271	273	272	272	271
PKLG	U005	465	457	381	359	358	360	357	359	357	359	358	357	359	368	378	406	425	424	422	392	370	358	359	358	359
TBIN	U002	691	693	691	693	694	695	695	694	690	693	693	693	692	693	693	692	691	694	693	694	697	694	694	695	692
TBIN	U003	689	693	689	690	693	687	660	653	654	654	653	652	652	654	653	653	652	653	686	684	682	682	686	684	681
TBIN	U004	936	936	938	935	937	882	882	882	883	882	880	884	881	882	883	883	882	892	937	938	938	939	937	938	939
Total ST-Coal		9688	9658	9469	9412	9426	9220	9176	9169	9056	9041	9034	9067	9051	9078	9089	9078	9089	9154	9368	9477	9614	9615	9617	9589	9560
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
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
CBPS	BLK2	221	221	224	230	222	224	224	224	223	224	225	225	228	224	216	223	223	220	222	215	222	271	356	356	362
EMPP	BLK2	473	430	409	458	408	429	414	410	425	450	439	433	518	411	403	434	509	665	549	676	710	703	671	678	708
EMPP	BLK3	473	431	410	458	408	429	413	410	422	449	438	436	519	410	403	434	511	665	550	676	710	703	671	678	708
GLGR	GT01	67	69	67	69	67	68	67	68	69	69	69	68	69	67	68	68	67	89	110	109	109	110	109	110	108
GLGR	GT02	67	68	68	67	67	68	68	68	67	68	68	67	68	67	68	67	90	108	108	108	107	107	110	108	108
GLGR	ST1C	72	72	71	72	72	71	72	72	72	71	72	72	72	72	71	81	99	99	99	100	100	100	100	100	100
NPRI	BLK1	512	517	515	518	514	515	515	394	398	449	448	445	461	511	464	447	447	515	517	506	514	527	508	511	509
NPRI	BLK2	482	521	518	523	516	520	518	396	400	452	449	449	463	523	468	449	451	518	520	509	518	533	512	514	512
PCGP	PGRG	262	262	262	267	262	264	262	261	263	264	262	263	279	259	261	262	261	401	402	589	601	624	595	596	597
PLPS	GT11	144	116	115	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	65	148	135	140	140	
PLPS	GT12	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
PLPS	GT13	144	144	144	122	125	125	124	125	125	125	125	124	125	125	124	124	145	143	144	143	143	141	142	140	135
PLPS	ST18	143	139	138	64	58	58	57	57	57	56	57	57	57	57	58	57	58	59	58	58	58	58	58	61	140
SPGP	BLK1	728	550	552	451	450	452	361	360	361	359	359	362	359	450	362	362	502	721	724	725	726	724	726	721	717
SPGP	BLK2	727	548	551	451	450	450	363	361	362	362	360	361	362	450	363	363	502	531	724	725	724	723	726	718	717
TJGS	GT1A	122	123	125	123	123	123	123	123	123	123	123	123	123	123	121	122	124	122	123	121	125	144	194	197	157
TJGS	GT1B	117	117	117	119	116	121	118	117	114	120	117	118	114	117	115	119	119	117	121	113	119	137	186	190	151
TJGS	ST1C	161	161	161	164	164	164	164	164	164	164	164	164	164	164	164	164	164	164	164	164	164	164	164	164	164
TJGS	GT2A	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	42	135	165	131	131	153	149	151	
TJGS	GT2B	0	0	0	56	60	60	118	233	157	156	157	154	155	158	157	157	138	130	160	126	126	149	146	144	
TJGS	ST2C	0	0	0	0	0	0	81	121	96	98	96	96	96	96	94	96	88	187	231	194	194	199	205	205	197
Total CCGT-Gas		4915	4489	4447	4212	4082	4140	4062	3964	3899	4058	4028	4019	4232	4285	3981	4021	4467	5554	5691	5988	6101	6272	6378	6397	6299
SRDG	GT05	0	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 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
BSIA	HY01	22	22	22	22	22	22	22	22	22	22	23	22	22	22	22	22	11	11	11	11	11	11	11	11	11
BSIA	HY03	22	23	22	23	22	23	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	10
CEND	HY02	10	10	9	9	9	9	9	9	9	9	9	10	10	10	10	10	10	10	10	10	10	10	10	10	10
CEND	HY03	10	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	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

Daily MW Generation on Wednesday

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	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	63	0	0	0	0	0
HTRG	HY03	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
HTRG	HY04	3	4	4	4	4	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
KNRG	HY01	35	35	35	35	35	0	0	0	0	0	0	0	0	0	0	0	0	0	22	22	22	22	22	22
KNRG	HY02	37	37	37	37	37	0	0	0	0	0	0	0	0	0	0	0	0	0	23	23	22	22	22	22
KNRG	HY03	36	36	36	36	36	37	37	37	37	37	37	23	23	23	22	23	24	22	22	23	22	22	21	22
LPJA	HY01	20	20	20	19	19	19	19	19	19	19	19	19	19	19	19	20	21	21	21	21	20	20	20	20
LPJA	HY02	20	21	20	20	20	19	19	19	19	19	19	19	19	19	20	20	20	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	21	22	22	22	22	22	21	21	21	22	22	22	20	21	21	82	82	21	20	20	20	19	20	21
PGAU	HY04	20	20	20	21	20	21	21	21	20	20	20	21	21	19	21	22	81	82	81	19	20	20	80	81
SIHY	HY02	50	50	50	50	50	50	50	0	0	0	0	0	0	0	0	2	30	50	50	50	50	50	50	50
SIHY	HY03	50	50	50	50	50	50	50	0	0	0	0	0	0	0	0	0	0	0	50	50	50	50	50	50
SYPS	HY01	25	25	25	25	25	25	25	25	25	25	0	0	0	0	0	1	16	25	25	16	17	25	25	25
SYPS	HY03	25	25	25	25	25	25	25	25	25	25	0	0	0	0	0	0	16	25	25	16	16	17	17	25
SYPS	HY04	25	25	25	25	25	25	25	25	25	25	0	0	0	0	0	0	0	0	25	25	25	25	25	25
TMGR	HY01	42	53	42	68	42	58	47	42	50	86	86	68	85	75	44	84	87	86	87	68	86	65	57	62
TMGR	HY02	34	34	34	34	0	0	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1
TMGR	HY03	32	0	0	0	0	0	0	0	0	30	30	31	0	0	0	0	0	0	0	0	0	0	0	0
TMGR	HY04	62	62	62	62	62	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1
UJLI	HY01	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	90	101	86	88	86	85	87	93
UJLI	HY02	92	94	92	96	-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	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4
UPIA	HY02	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4
Total Hydro		723	708	692	722	563	579	410	406	412	348	378	363	304	262	233	259	262	252	250	235	346	458	496	479
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
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	27	28	27	27	27	28	27	28	28	29	28	28	28	28	28	28	26	25	26	27	27	26	24	26

Daily MW Generation on Wednesday

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		
PCUF	CUFK	26	27	26	26	25	26	26	27	27	26	25	25	25	27	25	26	24	25	26	25	26	26	26	25	26	27	24	26	24	26	24	25	25	27	25	28	26	27	26	25	26	27	25	26	27	27	26		
Total Co-Gen		53	55	53	53	52	54	53	55	55	55	53	54	53	55	53	54	52	53	54	53	52	51	52	53	52	52	51	50	52	49	52	50	51	52	53	53	55	54	54	54	53	55	55	53	54	56	55	54	
Total Gen		15379	14910	14661	14399	14123	13993	13701	13594	13422	13502	13493	13503	13640	13680	13359	13428	13934	15158	15577	16063	16499	16784	16967	17036	16924	16747	16834	17229	17526	17720	17896	17930	17908	17798	17251	16765	16496	16307	16374	16521	16958	17242	17149	17021	16737	16492	16269	15944	
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	31	31	30	30	29	29	30	30	31	31	30	30	30	30	30	30	30	29	29	31	31	30	30	29	29	31	31	31	31	30	30	29	29	30	30	30	29	29	29	29	29	29	30			
TIE-PLTG		13	12	52	8	51	12	51	33	-25	-18	1	17	-22	16	45	-11	-14	7	-56	11	-20	-7	14	10	71	24	53	79	71	76	44	52	79	83	60	51	36	43	27	11	58	17	32	-6	28	0	37	41	
Interconnection		43	42	82	39	82	43	82	62	4	12	31	48	8	46	75	19	17	37	-26	42	10	22	43	41	102	53	83	108	100	107	75	84	111	113	90	80	65	74	57	40	88	46	61	23	57	29	67	71	
System Total		15336	14868	14579	14360	14041	13950	13619	13532	13418	13490	13462	13455	13632	13634	13284	13409	13917	15121	15603	16021	16489	16762	16924	16995	16822	16694	16751	17121	17426	17613	17821	17846	17797	17685	17161	16685	16431	16233	16317	16481	16870	17196	17088	16998	16680	16463	16202	15873	
SRev ST-Coal		178	208	352	409	395	537	567	584	699	710	720	691	707	676	659	677	665	641	413	304	207	206	204	232	261	269	251	277	269	284	283	282	255	273	306	337	277	289	205	209	200	207	208	221	187	190	200	194	
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	3	38	-3	37	0	0	0	0	0	0	0	0	0	0			
SRev CCGT-Gas		1511	1937	1979	2072	2302	2244	2430	2608	2797	2638	2668	2677	2464	2411	2715	2675	2451	1364	1227	930	837	666	560	541	639	979	907	533	352	320	195	189	366	248	395	531	743	896	944	741	503	224	265	353	540	844	989	1102	
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		313	313	313	313	500	500	676	676	676	676	676	676	676	676	676	676	676	676	676	676	489	489	489	489	489	489	489	489	489	489	302	302	302	302	302	302	126	126	401	401	214	214	214	214	302	302	302	489	
Hydro		579	507	523	493	378	362	338	342	336	300	300	315	299	311	340	314	311	321	323	339	415	303	365	382	423	467	474	429	540	520	576	456	446	576	588	798	607	593	707	755	561	551	602	540	656	585	652	498	
S.Reserve Total		2581	2965	3167	3287	3662	3730	4011	4210	4508	4324	4364	4359	4146	4074	4390	4342	4103	3002	2639	2249	1948	1664	1618	1644	1812	2204	2121	1728	1463	1426	1356	1229	1372	1437	1412	1829	2028	2179	2070	1919	1478	1196	1289	1415	1685	1921	2143	2283	