

Availability at Daily Maximum Demand Hour

ST-Coal	0 MW
ST-Gas	0 MW
ST-Oil	0 MW
Hydro	1,901 MW
Distillate	0 MW
Total TNB	1,901 MW
Total IPP	16,869 MW
Total Co-Gen	0 MW
Total System	22,772 MW

Generation Mix

Type	MWh	Percentage
Hydro	18,681	4.70 %
Gas	59,360	14.92 %
Total TNB	78,041	19.62 %
ST-Coal	211,858	53.26 %
LSS	6,098	1.53 %
Gas	100,577	25.29 %
Total IPP	318,533	80.08 %
Co-Gen	526	0.13 %
Total Co-Gen	526	0.13 %
Total Generation	397,100	99.83 %
PLTG	26	0.01 %
EGAT	6	0.00 %
HVDC	-703	-0.18 %
Interconnection	-671	-0.17 %
Net Energy	397,771	100.00 %

Maximum Demand Record

Date: 5/11/2023	19,716 MW
Date: 5/11/2023	416,902 MWH

Set On Bus, TNB, IPP And MD

Daily Maximum Demand Hour at:	16:00:00 Hour
Total Set On Bus	19,862 MW
TNB Generation	3,929 MW
IPP Generation	14,597 MW
Spinning Reserve	1,327 MW
Maximum Demand	18,578 MW
Net Energy	397,771 MWH
Load Factor	89.21 %

Fuel Cost

Average Spinning Reserve During Peak Hour

Type	MW
GT	917
Hydro	249
Syncon	462
Thermal	166
Total	1,794

Time Weather Temperature

Gas Usage

Station	(mmscfd)
GLGR	54
TJGS	155
Total TNB	209
CBPS	43
EMPP	258
NPRI	152
PCGP	83
PLPS	63
SGRI	76
SPGP	192
Total IPP	866
Total Gas	1,076
Total Gas Required	1,076

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	16470	15668	15080	14662	14196	13974	14173	14197	14484	16056	16928	17457	17431	17199	17999	18425	18578	18088	17160	17452	18345	18135	17701	17303

Prepared By: -Select Name-

Checked By: -Select Name-

Printed on: Monday, October 30, 2023 1:11:32 PM
(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	697	695	697	697	695	697	696	695	693	695	696	698	696	695	695	698	694	694	689	696	695	697	696	691	696	701	696	697	697	695																			
JMAH	U002	695	693	699	697	694	696	695	694	695	689	696	694	696	696	696	694	692	694	696	695	695	694	693	695	696	690	695	693	695	697	692	695																	
JMHE	U001	903	903	902	899	900	800	801	802	803	901	898	902	898	901	899	902	902	899	898	900	901	902	899	898	901	900	897	901	898	899	897	902																	
JMHE	U002	978	975	975	973	971	973	894	900	900	900	900	901	899	899	899	902	902	944	969	978	975	975	979	974	976	975	976	974	975	977	975	976																	
JMJG	U001	671	667	671	671	673	667	682	664	673	678	667	668	666	677	679	666	683	656	678	677	667	661	673	673	678	677	673	672	678	678	666	662	662																
JMJG	U002	675	675	674	671	674	674	676	674	673	672	676	682	674	673	676	673	672	672	676	671	676	674	673	673	673	677	674	673	668	680	673	668	676																
JMJG	U003	668	668	664	667	666	666	666	666	668	667	664	670	662	666	667	666	666	666	667	663	668	662	658	667	668	668	672	667	666	665	662	667	668																
PKLG	U003	272	272	274	272	272	273	272	271	273	274	272	274	272	273	273	273	274	277	271	276	276	279	277	278	277	279	278	275	272	272	272	275	274																
PKLG	U004	277	274	276	276	276	276	274	273	281	278	278	279	277	273	276	277	278	273	274	276	275	274	274	275	275	273	274	276	272	275	273	274	276																
TBIN	U001	692	690	689	690	690	690	689	691	691	690	690	691	689	688	687	690	691	689	690	689	691	689	689	689	691	690	690	688	689	689	688	690	692																
TBIN	U002	688	690	693	690	688	690	693	688	688	689	688	689	689	691	688	691	687	689	689	689	689	689	689	690	685	688	689	687	689	690	688	688	688																
TBIN	U003	687	687	687	686	687	688	689	686	685	686	685	686	687	688	687	688	686	688	687	687	687	687	687	688	686	686	690	686	686	688	686	685	688																
TBIN	U004	983	983	984	983	983	982	957	915	903	902	903	904	903	903	903	903	937	981	983	983	983	982	983	983	983	983	982	983	982	983	985	985	985																
Total ST-Coal		8886	8872	8885	8872	8869	8772	8684	8619	8626	8721	8713	8738	8708	8721	8716	8726	8734	8771	8880	8876	8875	8870	8875	8877	8878	8884	8882	8888	8883	8881	8868	8861	8879	8883	8801	8775	8850	8855	8883	8886	8876	8868	8878	8898	8857	8875	8868	8876	
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	204	214	205	212	201	205	212	211	207	206	200	203	213	200	201	200	210	213	210	211	212	212	211	211	212	211	212	217	350	360	370	365	358	361	360	353	212	301	361	362	361	355	360	357	360	351	359		
EMPP	BLK1	402	413	406	411	396	406	411	410	408	407	395	401	411	399	399	398	413	411	409	466	512	617	671	646	551	529	510	661	713	706	700	725	710	707	707	702	680	572	704	709	710	710	686	703	693	707	678	695	
EMPP	BLK2	511	413	406	417	396	405	410	411	407	408	395	400	411	399	399	397	413	410	409	465	511	619	671	644	550	536	510	666	712	709	706	724	712	708	711	699	686	571	710	701	702	700	677	697	686	702	680	696	
EMPP	BLK3	684	713	707	423	396	405	427	410	407	407	396	401	412	399	399	398	413	444	408	465	511	620	672	649	552	536	511	667	713	709	704	724	713	710	710	702	684	573	710	710	711	711	687	705	695	711	673	696	
GLGR	GT01	104	68	66	67	66	66	67	66	66	67	66	67	68	66	66	66	66	99	107	106	107	107	108	106	106	106	108	108	105	106	107	107	106	107	107	107	107	106	107	108	106	106	107	106	107	106	67		
GLGR	GT02	104	65	66	67	66	66	66	66	66	66	66	66	66	66	66	66	66	99	106	106	106	105	106	106	107	106	106	106	106	106	106	106	106	106	106	106	106	106	106	106	106	106	106	106	106	106	106	65	
GLGR	ST1C	93	76	71	71	70	70	71	71	70	70	70	70	71	70	70	70	86	96	96	96	97	97	96	96	97	96	96	96	96	97	97	98	97	97	97	97	97	97	97	97	97	97	96	97	96	96	77		
NPRI	BLK1	503	517	368	308	295	299	308	308	302	301	292	297	310	294	293	292	306	512	512	514	513	512	512	512	513	505	505	506	518	506	509	512	511	510	513	509	502	515	511	514	512	514	505	513	509	511	499	509	
NPRI	BLK2	519	533	520	528	503	509	528	504	445	446	436	441	455	438	437	435	450	527	528	528	529	528	527	542	551	553	559	558	549	550	541	546	549	525	529	527	516	530	527	529	529	529	521	526	524	527	502	515	
PCGP	PGRG	583	611	587	603	573	384	402	402	389	386	385	384	405	384	386	387	598	602	599	604	603	601	602	601	602	603	604	602	615	603	594	626	612	594	600	597	578	604	598	602	599	602	586	597	591	599	574	597	
PLPS	GT12	143	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	64	150	146	148	146	146	146	146	146	149	148	148	148	147	146	143	148	147	142	147	147	147	146	142	147	145	146	142	110				
PLPS	GT13	119	122	125	124	124	125	124	124	125	124	125	125	125	124	125	122	123	123	122	123	123	123	122	122	122	123	122	122	122	122	122	122	122	122	124	119	122	123	122	123	120	123	120	123	118	122			
PLPS	ST18	140	59	60	59	59	58	58	58	58	58	58	58	58	58	58	58	58	56	142	142	141	141	141	141	141	141	141	141	141	141	141	141	141	141	141	141	141	141	141	141	141	140	140	140	131				
SGRI	GT11	137	139	139	139	141	141	119	121	121	120	121	118	126	121	118	118	122	124	121	124	122	125	122	122	122	123	125	127	138	137	138	137	137	137	137	137	137	137	137	138	138	138	138	138	139	139	139	115	117
SGRI	GT12	135	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
SGRI	GT13	138	139	33	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
SGRI	ST14	211	155	117	71	71	70	64	65	66	65	66	64	67	66	65	64	66	65	65	67	67	66	66	113	138	140	139	139	139	142	206	206	211	217	217	217	214	215	216	215	214	215	215	213	216	196	145		
SPGP	BLK1	707	720	709	718	702	706	600	500	492	392	383	385	405	584	482	383	395	599	716	716	717	716	713	709	717	711	709	706	701	700	692	695	698	694	706	708	692	713	707	716	715	716	704	713	710	717	701	710	
SPGP	BLK2	707	719	709	718	703	707	599	498	490	389	382	385	404	584	483	382	396	598	714	714	715	712	709	707	715	710	711	704	703	702	693	700	699	695	704	706	692	711	709	714	715	715	702	710	709	715	699	707	
TJGS	GT1A	125																																																

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
CEND	HY02	9	9	9	9	9	9	9	9	10	10	10	10	10	10	10	9	9	9	9	9	9	9	9	9
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
CEND	HY04	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	7	7	7	7	7	7	7	7	7
HTRG	HY01	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	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
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	4	4	4	4	4	4	3	3	3	3	3	3	3	3	3	4	4	4	4	4	4	4	4	4
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	0
KNRG	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
KNRG	HY03	39	39	39	39	39	39	39	39	39	39	39	39	39	39	39	39	39	39	39	39	39	39	39	39
KNYR	HY01	95	95	95	95	95	95	95	95	95	95	95	95	95	95	95	95	95	95	95	95	95	95	95	95
KNYR	HY02	99	99	99	99	99	99	99	99	99	99	99	99	99	99	99	99	99	99	99	99	99	99	99	99
KNYR	HY03	96	98	97	98	97	96	97	98	98	94	94	94	98	96	94	94	98	98	98	98	97	98	95	98
KNYR	HY04	58	62	60	91	58	57	96	79	59	54	54	54	60	56	54	54	58	98	84	97	99	100	99	98
LPIA	HY01	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13
LPIA	HY02	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15
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	HY01	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	19	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1
PGAU	HY02	-1	-1	-1	-1	-1	-1	-1	19	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1
PGAU	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
SYPS	HY01	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SYPS	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
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	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	HY02	0	0	62	34	31	32	34	34	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0
TMGR	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
TMGR	HY04	39	41	40	42	39	41	42	41	40	40	38	39	41	38	38	38	41	47	42	42	46	47	42	41
UJLI	HY01	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	92	92	89	185	183	179	182
UJLI	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
UPIA	HY01	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4
UPIA	HY02	5	5	5	5	5	5	5	5	4	5	4	4	5	5	5	5	5	4	4	4	4	4	4	4
Total Hydro		521	529	587	593	553	554	596	579	544	515	515	515	547	518	514	512	524	572	559	652	655	680	707	785
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	LSS2	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	LSS2	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
GBLS	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	LSS2	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	LSS2	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	LSS3	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	LSS2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
KNLS	LSS3	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	LSS2	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 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
MALS	LSS2	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
MNLS	LSS3	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	LSS3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SNLS	LSS4	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	LSS2	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	LSS2	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
ESTL	ESTL	3	0	0	0	0	10	12	11	0	16	12	0	0	0	14	11	0	2	15	15	15	16	3	0
KHTC	BLK1	-31	-30	-31	-31	-30	-28	-28	-27	-25	-24	-25	-26	-28	-26	-23	-30	-35	-40	-43	-46	-45	-44	-44	-41
PCUF	CUFG	25	25	26	25	23	24	24	24	23	24	23	24	23	22	23	24	23	24	22	21	20	19	19	24
PCUF	CUFK	15	16	15	15	14	15	13	16	14	16	14	15	14	15	14	15	14	14	18	13	14	14	17	13
PFTZ	PFTZ	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13
Total Co-Gen		25	24	23	22	20	34	34	37	25	45	37	26	22	24	39	39	21	18	26	21	21	17	5	2
Total Gen		16429	15952	15645	15277	15058	14837	14630	14316	14168	14048	13953	13996	14135	14368	14170	14007	14437	15476	16019	16559	16905	17287	17411	17535
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	-29	-29	-29	-28	-31	-28	-30	-28	-28	-31	-29	-28	-30	-29	-29	-29	-29	-31	-30	-29	-29	-31
TIE-PLTG		-11	-10	5	-15	6	5	-1	-15	2	-6	7	-4	-10	6	4	-3	-19	8	-9	-10	7	-7	-18	-9
Interconnection		-41	-41	-23	-44	-22	-22	-32	-43	-28	-34	-21	-34	-38	-22	-27	-33	-47	-21	-37	-37	-23	-36	-46	-38
System Total		16470	15993	15668	15321	15080	14859	14662	14359	14196	14082	13974	14030	14173	14390	14197	14040	14484	15497	16056	16596	16928	17323	17457	17573
SRev ST-Coal		155	169	156	169	172	259	342	414	407	320	328	303	332	318	324	315	307	270	161	165	166	171	166	164
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		1526	1657	1938	2082	2256	2395	2556	2791	2899	3105	3184	3155	3014	2767	2971	3178	2850	2049	1990	1638	1502	1187	1146	1176
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 Co-Gen		0	0	0	-1	1	0	0	0	0	0	0	0	0	0	0	0	0	-1	-1	-1	-1	-1	-1	-1
Syncon		615	615	615	615	615	615	615	615	464	615	615	615	464	615	615	615	464	428	428	428	703	615	464	615
Hydro		143	135	147	157	197	196	154	171	271	149	149	149	268	146	150	152	139	179	113	107	104	230	239	248
S.Reserve Total		2526	2663	2943	3109	3328	3552	3754	4078	4214	4362	4449	4395	4251	4019	4234	4434	4086	3200	3053	2612	2473	2138	2065	2015