

Availability at Daily Maximum Demand Hour

ST-Coal	0 MW
ST-Gas	0 MW
ST-Oil	0 MW
Hydro	2,412 MW
Distillate	0 MW
Total TNB	2,412 MW
Total IPP	16,118 MW
Total Co-Gen	0 MW
Total System	22,532 MW

Generation Mix

Type	MWh	Percentage
Hydro	21,178	5.70 %
Gas	62,439	16.81 %
Total TNB	83,617	22.51 %
ST-Coal	198,487	53.43 %
LSS	6,164	1.66 %
Gas	83,450	22.47 %
Total IPP	288,101	77.56 %
Co-Gen	-454	-0.12 %
Total Co-Gen	-454	-0.12 %
Total Generation	371,264	99.95 %
PLTG	-192	-0.05 %
Interconnection	-192	-0.05 %
Net Energy	371,456	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	18,339 MW
TNB Generation	4,313 MW
IPP Generation	12,775 MW
Spinning Reserve	1,265 MW
Maximum Demand	17,086 MW
Net Energy	371,456 MWH
Load Factor	90.58 %

Fuel Cost

Average Spinning Reserve During Peak Hour

Type	MW
GT	389
Hydro	401
Syncon	515
Thermal	156
Total	1,461

Time Weather Temperature

Time	Weather	Temperature
Afternoon	Hot	34
Morning	Sunny	24

Gas Usage

Station	(mmscfd)
GLGR	47
TJGS	184
Total TNB	231
CBPS	48
EMPP	198
KLPP	2
NPRI	148
PCGP	88
PLPS	55
SKSP	3
SPGP	188
Total IPP	731
Total Gas	961

Total Gas Required 961

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	15957	15209	14550	14045	13771	13436	13512	13403	13756	15245	16141	16395	16261	16056	16723	17014	17086	16807	15757	15559	16557	16500	16075	15704

Prepared By: -Select Name-

Checked By: -Select Name-

Printed on: Tuesday, July 4, 2023 4:57:16 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	704	706	705	705	707	705	707	704	709	704	707	704	706	706	704	707	706	705	702	708	704	706	706	704	707	707																								
JMAH	U002	704	702	706	706	701	705	702	706	709	705	704	702	706	708	707	699	702	699	705	704	698	707	705	710	700	707	702	707	699	705	704	702	696	695	703	706	705	702	708	703	708	704	706	704	704	707	704	706		
JMHE	U001	968	970	973	976	968	972	973	949	901	898	902	900	899	899	901	896	902	970	973	975	974	972	972	973	976	974	975	976	979	974	976	976	969	975	970	975	973	979	977	972	977	975	978	976	965	969	970	969		
JMHE	U002	498	500	496	496	499	498	495	496	497	498	500	501	500	495	499	498	498	498	498	500	501	498	492	495	496	496	497	500	498	495	502	498	499	494	498	495	494	498	496	497	499	498	500	499	500	498	498			
JMIG	U002	685	676	687	686	686	685	684	686	685	683	684	685	685	685	685	686	679	680	681	621	611	585	581	579	612	682	678	681	680	679	680	678	680	680	679	680	678	682	680	679	676	682	678	681	679	679	680	679		
JMIG	U003	666	672	668	673	673	667	671	670	670	671	672	672	672	669	672	673	671	671	668	667	677	667	671	666	672	664	662	664	676	666	665	667	669	665	667	660	591	601	606	601	601	599	607	659	677	688	682	683		
JMIG	U004	979	980	977	978	977	975	972	976	916	900	900	899	899	900	898	902	900	937	975	974	976	975	974	978	976	974	974	976	977	973	977	975	973	977	977	977	975	978	974	975	977	975	972	976	978	975	982	976		
JMIG	U005	977	980	980	977	980	979	980	967	897	900	901	900	901	896	900	898	978	978	977	977	980	979	978	971	981	972	978	973	976	975	977	980	978	975	980	977	978	978	979	974	979	983	981	980	977	977	980			
PKLG	U003	245	245	245	245	245	247	270	275	277	276	276	277	276	276	277	277	277	279	276	277	277	242	244	244	244	244	244	244	244	244	244	243	244	244	244	244	244	243	244	243	243	275	279	275	276	276	275			
PKLG	U005	123	123	123	122	123	158	175	174	189	190	186	194	182	194	255	269	269	269	285	267	269	269	269	268	269	269	268	269	267	268	269	268	269	269	269	269	269	269	269	268	267	274	269	269	268	269	268	268		
TBIN	U003	692	693	694	696	693	694	693	698	692	691	695	700	694	693	681	695	695	696	690	701	695	693	684	697	698	696	694	694	698	695	678	677	672	677	677	677	678	678	678	678	676	675	676	676	678	660	683	676	679	
TBIN	U004	977	982	980	977	979	981	982	982	904	904	904	904	904	904	904	904	904	980	980	980	980	980	980	980	980	980	980	980	980	980	980	980	980	980	980	980	980	980	980	980	980	980	980	980	980	980	980	980		
Total ST-Coal		8218	8229	8234	8237	8229	8266	8303	8284	8122	8020	8033	8039	8024	8028	8080	8105	8099	8286	8418	8348	8339	8308	8264	8269	8299	8374	8351	8370	8380	8362	8346	8351	8331	8347	8343	8352	8270	8287	8294	8278	8283	8292	8324	8389	8371	8407	8400	8400		
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	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	0	0
CBPS	BLK2	294	326	351	350	350	228	221	222	221	222	221	221	221	221	221	359	353	360	359	237	314	360	359	359	361	360	361	360	360	361	361	360	360	319	243	221	243	360	358	321	317	344	296	356	287	237				
EMPP	BLK2	675	689	710	708	679	709	700	593	646	577	523	482	566	559	501	446	615	640	710	715	716	708	716	712	710	678	696	711	713	693	696	711	695	710	691	688	691	706	714	708	714	710	703	709	678	708	676	691		
EMPP	BLK3	675	687	710	705	679	709	703	595	646	576	522	481	566	563	502	446	617	640	712	715	715	707	716	711	710	678	697	711	714	691	694	710	696	710	691	689	691	706	715	708	715	712	705	708	679	708	678	690		
GLGR	GT01	72	66	68	66	66	67	67	66	67	68	67	67	67	68	67	65	66	66	66	93	108	105	106	82	65	66	66	67	67	106	106	107	106	107	106	107	105	107	78	35	0	0	0	0	0	0	0	0		
GLGR	GT02	71	66	66	66	66	66	66	66	66	66	65	65	65	66	66	65	65	65	92	105	105	105	80	65	66	65	65	65	105	107	105	105	105	105	105	105	105	105	76	94	107	107	107	107	107	95	93			
GLGR	ST1C	80	69	69	69	69	70	69	70	69	69	69	71	70	70	70	70	85	97	96	96	85	71	70	71	71	91	97	97	98	98	97	97	97	97	97	97	84	72	46	47	47	47	45	44	43	41				
KLPP	GT15	116	115	95	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	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	ST17	61	61	57	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			
NPRI	BLK1	511	519	528	526	512	490	332	339	340	338	339	339	340	340	332	329	333	529	524	533	532	522	530	524	525	498	520	528	530	521	520	525	520	526	520	506	499	486	525	526	529	527	523	526	504	526	504	521		
NPRI	BLK2	505	514	520	521	506	352	319	323	322	322	323	322	324	323	322	320	323	367	520	530	527	519	524	519	521	505	514	523	526	515	518	521	516	520	514	514	440	322	337	461	524	520	518	522	506	520	508	515		
PCGP	PGRG	569	588	603	603	576	603	602	604	602	601	602	602	603	603	602	594	606	607	599	612	615	592	613	599	598	571	589	605	616	590	595	601	592	602	588	586	586	600	612	604	611	600	598	603	576	599	575	590		
PLPS	GT11	128	128	129	129	129	128	128	128	128	129	128	128	128	129	128	129	128	124	127	130	130	120	119	115	116	120	124	141	143	145	142	145	142	112	116	115	118	127	142	139	138	56	56	57	144	127				
PLPS	GT13	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	57	140	139	116	116	112	115	116	120	139	138	140	136	141	138	107	112	112	114	121	136	133	134	53	54	53	87	0					
PLPS	ST18	58	58	58	59	58	58	58	58	58	58	58	58	58	58	58	58	58	56	141	143	135	138	133	136	135	137	144	143	144	144	144	144	131	132	132	133	135	144	142	142	0	0	135	57						
SKSP	BLK1	271	219	157	35	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			
SPGP	BLK1	555	555	556	556	556	555	556	557	556	558	558	557	559	556	555	556	555	556	557	600	650	648	651	650	648	652	651	651	704	711	708	708	705	703	699	703	703	704	707	704	706	705	706	707	706	708	706	704		
SPGP	BLK2	549	550	549	549	549	548	550	550	551	550	551	550	552	548	549	549	548	549	547	597	646	646	646	648	646	649	654</																							

