

Availability at Daily Maximum Demand Hour

ST-Coal	0 MW
ST-Gas	0 MW
ST-Oil	0 MW
Hydro	2,347 MW
Distillate	0 MW
Total TNB	2,347 MW
Total IPP	19,372 MW
Total Co-Gen	0 MW
Total System	25,003 MW

Generation Mix

Type	MWh	Percentage
Hydro	24,957	6.80 %
Gas	43,726	11.92 %
Total TNB	68,683	18.73 %
ST-Coal	210,001	57.25 %
LSS	4,429	1.21 %
Gas	82,892	22.60 %
Total IPP	297,322	81.06 %
Co-Gen	426	0.12 %
Total Co-Gen	426	0.12 %
Total Generation	366,431	99.90 %
PLTG	-360	-0.10 %
Interconnection	-360	-0.10 %
Net Energy	366,791	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:	16:30:00 Hour
Total Set On Bus	18,646 MW
TNB Generation	3,421 MW
IPP Generation	13,776 MW
Spinning Reserve	1,433 MW
Maximum Demand	17,253 MW
Net Energy	366,791 MWH
Load Factor	88.58 %

Fuel Cost

Average Spinning Reserve During Peak Hour

Type	MW
GT	720
Hydro	427
Syncon	305
Thermal	295
Total	1,747

Time	Weather	Temperature
Afternoon	Cloudy	32
Morning	Cloudy	23

Gas Usage

Station	(mmscfd)
GLGR	29
SRDG	9
TJGS	157
Total TNB	195
CBPS	38
EMPP	297
NPRI	71
PCGP	88
PLPS	37
SPGP	108
Total IPP	638
Total Gas	833
Total Gas Required	833

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	14760	14065	13512	13177	12888	12844	13223	13256	13579	15203	15949	16504	16320	15911	16571	17015	17128	16781	16000	16374	16922	16640	16078	15622

Prepared By: -Select Name-

Checked By: -Select Name-

Printed on: Wednesday, November 2, 2022 2:45:34 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	512	404	256	213	215	212	214	214	214	213	214	213	215	213	214	214	215	215	215	324	476	704	704	700	701	703	704	704	702	702	703	703	701	702	704	703	703	702	702	702	702	703	706	702	703	701			
JMAH	U002	356	211	214	213	213	213	214	214	214	214	214	214	215	214	214	213	214	214	214	214	215	214	216	215	214	337	560	714	705	704	705	705	702	678	687	716	707	699	719	707	695	710	705	706	705	707			
JMHE	U001	941	897	900	897	901	900	900	850	852	850	851	847	849	848	852	852	903	967	974	975	977	979	983	980	982	978	977	978	982	978	980	977	979	981	976	977	979	979	980	979	983	975	978	976	983	979	979	981	
JMHE	U002	941	899	898	900	900	902	898	847	850	850	848	848	852	850	851	849	903	982	983	978	979	982	985	980	981	983	980	978	981	978	982	976	979	981	976	747	741	909	975	973	980	975	979	976	979	974	977	988	
JMJG	U001	662	667	668	615	525	442	420	417	418	417	420	420	423	415	419	438	524	607	672	673	672	672	672	671	673	672	671	671	677	676	666	668	670	672	672	671	676	674	675	678	668	673	670	677	673	673	671		
JMJG	U002	660	678	671	673	652	568	482	422	432	431	431	429	432	436	436	451	533	590	658	671	671	663	671	666	678	670	667	676	671	676	665	661	672	677	666	675	670	668	673	668	669	673	667	669	677	668	671	669	
JMJG	U004	952	920	901	898	900	901	901	899	904	899	900	903	902	899	904	900	901	941	973	975	971	974	973	973	975	971	973	975	973	974	974	973	973	975	972	971	973	973	972	970	969	972	966	972	971	975	973		
JMJG	U005	939	903	899	900	899	900	900	855	848	849	850	848	848	848	849	850	895	961	961	960	961	956	963	960	962	959	994	974	975	976	974	973	975	972	974	973	971	976	959	972	972	972	972	972	977	970			
PKLG	U003	85	69	140	140	140	140	140	140	140	140	140	140	140	140	140	140	140	140	140	140	140	140	140	140	139	139	139	139	133	141	139	141	141	142	141	142	141	142	140	142	132	140	142	141	141	157	204	138	
PKLG	U004	156	156	156	155	155	153	156	151	153	156	149	154	147	145	151	149	149	149	148	150	147	149	149	148	151	146	153	152	150	149	151	151	150	151	149	148	151	151	150	149	149	148	158	150	149	151	149	150	
PKLG	U005	269	269	270	268	272	268	269	269	269	268	270	268	269	269	268	269	267	269	268	268	269	267	271	269	269	269	268	268	272	269	269	269	269	271	269	270	269	269	268	268	269	270	269	269	267	268	269		
PKLG	U006	267	269	269	269	268	269	268	269	269	269	267	267	269	267	269	270	269	269	268	271	269	269	268	269	269	269	268	268	268	268	269	269	269	269	269	269	269	269	269	340	422	447	448	450	450	449	449		
TBIN	U002	702	698	576	366	252	214	217	214	214	216	215	214	213	214	215	214	283	463	663	702	703	700	701	699	700	700	699	702	700	702	701	703	703	703	703	702	702	702	703	698	703	702	702	703	702	700	702		
TBIN	U003	701	567	353	223	214	213	212	211	212	212	212	212	212	209	211	212	269	365	499	709	701	697	698	699	699	700	697	699	698	698	699	699	699	698	700	699	699	699	699	701	699	700	698	703	699	698	700		
TBIN	U004	938	907	902	902	904	902	854	851	853	852	853	854	853	854	853	886	935	940	939	939	938	938	935	939	938	937	938	941	937	940	936	937	938	935	938	937	937	938	939	939	937	938	937	937	937	937			
Total ST-Coal		9081	8514	8073	7632	7410	7197	7045	6825	6840	6837	6833	6830	6840	6820	6848	6875	7350	8065	8576	8840	8828	8924	9103	9308	9336	9311	9341	9455	9687	9836	9820	9799	9816	9837	9804	9567	9564	9766	9822	9815	9901	9957	9995	9987	10023	10008	10065	10005	
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	0
CBPS	BLK2	193	193	197	202	197	200	201	201	201	205	225	230	242	248	252	255	257	257	255	260	259	267	222	194	193	194	197	198	201	228	270	273	263	269	201	197	204	260	263	265	267	200	195	193	196	199			
EMPP	BLK1	401	400	659	711	666	654	697	638	699	710	710	713	724	725	627	693	659	703	693	710	700	709	688	709	686	589	444	620	658	695	710	715	697	710	681	693	709	482	712	692	698	689	694	592	403	402	406	409	
EMPP	BLK2	523	593	706	711	709	710	710	711	698	710	706	712	723	726	642	696	665	697	708	711	706	710	703	711	702	702	686	698	705	711	711	716	708	710	697	708	709	707	711	706	709	704	708	709	701	682	406	410	
EMPP	BLK3	683	683	692	712	702	710	710	701	698	710	708	713	724	725	628	688	658	697	693	711	699	708	685	709	688	685	683	684	690	711	711	715	696	709	678	693	710	693	712	692	697	691	697	709	683	685	526	411	
GLGR	GT02	92	92	92	93	92	92	92	92	92	92	92	92	92	92	92	92	92	92	92	92	92	92	92	92	92	92	92	92	92	92	92	92	92	92	92	92	92	92	92	92	92	92	92	92	92	92	92		
GLGR	ST1C	40	40	40	40	40	41	41	40	40	40	40	40	40	40	41	41	40	41	40	40	40	40	40	40	40	40	40	40	40	40	40	40	40	41	40	40	40	40	40	40	40	40	40	40	40	40	40		
NPRI	BLK2	292	298	397	412	494	497	499	497	310	311	400	405	531	532	514	515	515	518	512	518	513	519	482	508	497	325	329	358	328	334	511	523	501	519	497	500	375	329	431	493	499	488	499	508	438	355	325	332	
PCGP	PGRG	578	579	592	606	594	600	603	597	602	603	600	612	626	630	594	595	597	602	595	603	590	600	590	601	585	587	584	583	588	596	600	615	594	602	578	590	595	591	607	590	594	585	593	600	587	579	587	429	
PLPS	GT11	129	129	129	129	129	129	128	129	129	129	128	129	128	128	128	128	128	128	129	129	129	128	129	128	129	129	129	128	129	128	129	128	129	129	128	129	129	128	128	129	129	129	129	129	129	129	129		
PLPS	ST18	56	58	57	57	57	57	56	57	57	57	56	57	57	57	56	56	58	57	57	58	58	57	57	58	57	58	57	58	58	58	57	58	58	57	56	57	57	58	58	58	57	57	56	57	57	57	57		
SPGP	BLK1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	209	208	249		
SPGP	BLK2	703	702	710	722	717	717	721	720	721	722	722	726	731	739	711	718	714	722	716	723	716	723	705	713	707	707	707	705	703	714	714	724	709	715	701	708	712	709	717	710	715	712	710	717	703	705	707	713	
TJGS	GT1A	233	215	125	126	125	125	126	125	125	125	124	125	125	169	228	178	179	179	163	163	226	225	226	196	125	126	127	128	128	127	128	140	162	165	153	158													

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	HY03	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	32	32	32	32	32	32	32	32	32	32	32	32	32	32	32	32	32	32	32	32	32	32	32	32	
KNRG	HY02	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	100	99	99	100	99	100	100	100	100	99	100	100	100	100	100	99	99	100	100	100	99	99	100	100	
KNYR	HY02	103	103	103	103	103	103	103	103	103	103	103	103	103	103	100	100	100	100	101	101	101	101	100	100	
KNYR	HY03	101	101	101	100	100	99	99	99	99	100	100	101	101	101	99	99	99	100	101	101	100	98	98	101	
KNYR	HY04	102	101	101	102	102	102	102	102	103	102	103	103	102	102	101	101	101	101	101	101	101	101	101	101	
LPIA	HY01	18	18	18	18	18	18	18	18	18	18	18	18	20	20	20	20	20	16	16	16	18	18	18	18	
LPIA	HY02	18	18	18	18	18	18	18	18	18	18	18	18	19	19	19	19	19	14	14	14	18	18	18	18	
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	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	23	23	22	83	82	82	82	82	
PGAU	HY02	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	84	83	83	83	83	83	
SIHY	HY01	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	30	51	51	51	51	51	
SIHY	HY02	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	30	50	50	50	50	50	
SIHY	HY03	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	50	50	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	25	25	17	17	
SYPS	HY03	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	25	25	17	17	
SYPS	HY04	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	25	25	25	25	0	0	0	0	
TMGR	HY01	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	80	80	80	79	80	34	33	33	33	79	79	79	
TMGR	HY02	42	43	46	86	86	45	46	47	46	86	86	86	86	46	80	60	84	46	85	85	76	46	46	43	
TMGR	HY03	0	0	0	0	0	0	32	32	0	0	0	0	0	81	77	0	0	32	31	32	31	31	80	79	
TMGR	HY04	30	30	-1	-1	-1	-1	-1	-1	1	1	1	1	0	0	34	33	34	33	32	32	80	79	79	79	
UJLI	HY01	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	107	92	98	88		
UJLI	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	
UPIA	HY01	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	
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	
Total Hydro		806	805	777	819	817	776	776	809	808	818	775	776	778	837	733	769	749	858	918	914	912	970	934	874	868
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	
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	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	
KNLS	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	
MNLS	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	

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
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
ESTL	ESTL	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
KHTC	BLK1	0	0	0	0	1	3	2	3	1	1	3	4	2	3	1	3	0	0	0	0	0	0	0	0
PCUF	CUFG	13	13	12	13	13	13	12	13	14	14	12	12	13	13	13	13	12	12	13	12	13	13	13	13
PCUF	CUFK	4	5	6	2	4	4	5	5	5	5	4	5	5	5	4	5	4	3	4	4	5	6	6	5
Total Co-Gen		17	18	18	15	18	20	19	21	20	20	19	21	19	21	17	18	17	15	16	15	18	17	17	17
Total Gen		14757	14229	13997	13718	13498	13254	13160	12974	12861	12816	12849	12891	13198	13502	13245	13162	13590	14617	15223	15669	15930	16284	16437	16550
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		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-PLTG		-3	-49	-68	-42	-14	-13	-17	-28	-27	-58	5	-20	-25	-44	-11	8	11	-12	20	-42	-19	-34	-67	-16
Interconnection		-3	-49	-68	-42	-14	-13	-17	-28	-27	-58	5	-20	-25	-44	-11	8	11	-12	20	-42	-19	-34	-67	-16
System Total		14760	14278	14065	13760	13512	13267	13177	13002	12888	12874	12844	12911	13223	13546	13256	13154	13579	14629	15203	15711	15949	16318	16504	16566
SRev ST-Coal		528	781	840	887	903	936	985	1021	1018	1025	1026	1019	1025	1028	1023	1023	949	662	496	367	373	387	365	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
SRev CCGT-Gas		1297	1258	1021	898	897	889	830	1031	1257	1009	928	966	669	406	505	673	770	636	696	644	516	368	484	560
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		462	462	463	549	549	549	549	549	549	462	462	462	462	462	462	462	374	374	374	374	374	374	374	374
Hydro		464	465	405	363	365	406	406	408	409	365	360	359	357	298	402	366	386	364	440	444	446	500	536	596
S.Reserve Total		2751	2966	2729	2697	2714	2780	2770	3009	3233	2861	2776	2806	2513	2281	2479	2611	2654	2124	2006	1916	1796	1629	1759	1843