

Daily System Generation Summary on Tuesday

Tuesday, October 24, 2023

Availability at Daily Maximum Demand Hour

ST-Coal	0 MW
ST-Gas	0 MW
ST-Oil	0 MW
Hydro	2,177 MW
Distillate	0 MW
Total TNB	2,177 MW
Total IPP	17,408 MW
Total Co-Gen	0 MW
Total System	22,998 MW

Generation Mix

Type	MWh	Percentage
Hydro	15,976	4.20 %
Gas	59,924	15.75 %
Total TNB	75,900	19.96 %
ST-Coal	204,824	53.85 %
ST-Gas	3,512	0.92 %
LSS	5,746	1.51 %
Gas	89,864	23.63 %
Total IPP	303,946	79.91 %
Co-Gen	-160	-0.04 %
Total Co-Gen	-160	-0.04 %
Total Generation	379,686	99.82 %
PLTG	29	0.01 %
EGAT	6	0.00 %
HVDC	-702	-0.18 %
Interconnection	-667	-0.18 %
Net Energy	380,353	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:	14:30:00 Hour
Total Set On Bus	19,176 MW
TNB Generation	4,134 MW
IPP Generation	13,847 MW
Spinning Reserve	1,216 MW
Maximum Demand	17,968 MW
Net Energy	380,353 MWH
Load Factor	88.20 %

Fuel Cost

Average Spinning Reserve During Peak Hour

Type	MW
GT	708
Hydro	334
Syncon	652
Thermal	177
Total	1,871

Gas Usage

Station	(mmscfd)
GLGR	29
TJGS	166
Total TNB	195
CBPS	45
EMPP	270
NPRI	137
PCGP	81
PLPS	32
SKSP	23
SPGP	202
PKLG	35
Total IPP	825
Total Gas	1,020

Alternate Fuel Usage

Station	(mmscfd)
Total	0

Total Gas Required 1,020

Time Weather Temperature

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	15463	14768	14180	13821	13501	13345	13738	13602	14058	15651	16417	17057	17017	16904	17707	17820	17621	17209	16345	16856	17235	17033	16441	15890

Prepared By: -Select Name-

Checked By: -Select Name-

Printed on: Sunday, October 29, 2023 2:16:52 PM

(Ir. Shanmugam Thoppalan)
Head
Grid System Operator

Daily MW Generation on Tuesday

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	698	693	695	696	696	695	696	695	696	696	696	696	695	696	696	696	697	697	695	695	695	698	699	701	694	695	696	695																						
JMAH	U002	696	693	702	696	697	695	696	696	694	695	698	694	693	697	694	693	695	698	694	696	696	698	692	700	697	694	694																								
JMHE	U002	979	980	971	973	976	975	872	852	850	850	853	850	849	850	846	851	850	963	978	980	981	977	980	978	978	977	980	978	979	978																					
JMJG	U001	673	667	672	671	674	672	673	673	672	668	673	677	673	672	671	671	667	667	670	668	668	671	668	666	667	669	662	671	678	677																					
JMJG	U002	629	622	545	554	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	150	228	282	310	360	417	446	452	419	421	431	423														
JMJG	U003	666	673	677	671	673	670	672	673	670	672	673	668	672	671	674	673	676	673	673	672	673	671	671	673	675	672	670	673	671	677	671	670	669	672	668	665	669	666	666	668	667	666	665	667	668						
JMJG	U005	976	973	972	974	976	975	924	848	853	848	848	850	848	848	848	848	977	981	979	978	970	980	979	980	979	981	977	978	977	980	981	981	978	978	977	979	980	979	979	980	979	979	982	978	978	979	979				
PKLG	U003	276	278	275	276	278	278	278	277	278	277	274	277	276	277	276	278	274	275	277	276	275	276	276	276	275	276	277	278	277	279	274	273	272	271	273	272	274	275	276	274	276	275	276								
PKLG	U005	465	465	465	465	465	465	465	465	465	465	465	465	465	465	465	465	465	465	465	465	465	465	465	465	465	465	465	465	465	465	465	465	465	465	465	465	465	465	465	465	465	465	465	465	465	465					
TBIN	U001	692	690	689	686	690	690	691	689	690	691	686	690	689	692	688	691	690	689	690	690	689	689	690	691	689	691	689	691	689	691	689	689	689	695	693	688	690	692	691	689	691	689	691	689	691	689	691				
TBIN	U002	694	692	689	691	693	689	692	690	692	690	689	693	692	688	690	691	690	694	691	691	688	691	692	691	693	688	693	692	692	693	693	692	692	692	688	695	693	692	693	692	695	691	694	690	691						
TBIN	U003	688	688	682	686	686	688	687	690	687	688	687	687	689	689	686	687	690	690	688	689	688	686	686	688	688	688	687	684	686	688	685	688	686	689	688	686	687	688	689	685	687	687	688	690							
TBIN	U004	982	983	983	981	983	983	968	925	880	855	854	852	853	852	851	853	853	898	939	982	983	984	985	982	983	982	982	982	983	982	984	983	983	984	984	984	982	984	984	984	983	981	983	983	983	979					
Total ST-Coal		9112	9102	9015	9019	8487	8476	8313	8174	8128	8095	8091	8100	8100	8094	8082	8099	8096	8377	8439	8487	8482	8473	8481	8486	8485	8483	8478	8486	8479	8487	8489	8477	8485	8477	8482	8467	8625	8705	8765	8783	8830	8892	8934	8929	8890	8901	8914	8906			
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			
PKLG	U001	0	0	0	0	0	0	0	0	0	0	0	0	36	38	47	74	89	140	150	187	214	229	240	241	236	242	245	208	197	199	199	199	199	199	199	199	199	202	228	228	241	246	228	227	227	227	227	245	243	241	236
Total ST-Gas		0	0	0	0	0	0	0	0	0	0	0	0	36	38	47	74	89	140	150	187	214	229	240	241	236	242	245	208	197	199	199	199	199	199	199	199	202	228	241	246	228	227	227	227	227	245	243	241	236		
CBPS	BLK2	209	213	210	206	217	213	210	211	208	206	206	212	211	210	198	198	212	212	211	210	211	332	361	361	358	360	361	360	364	359	361	362	351	359	360	361	355	231	313	361	356	361	360	357	260	210	203	206			
EMPP	BLK1	426	414	407	405	440	411	411	411	411	407	409	410	409	411	391	393	410	492	605	703	711	695	712	699	701	711	698	710	714	704	702	700	701	708	700	711	683	689	706	709	688	709	690	698	683	413	403	409			
EMPP	BLK2	690	526	484	405	523	487	487	497	421	406	409	458	495	414	392	393	500	497	607	699	711	695	711	698	698	712	697	710	713	700	704	706	689	707	699	711	682	686	708	709	688	708	691	699	686	700	628	410			
EMPP	BLK3	690	524	410	405	522	591	548	538	411	406	409	409	559	592	390	392	411	498	607	698	711	695	709	698	699	712	697	710	713	701	704	707	700	709	700	710	682	686	707	709	689	708	690	699	686	701	643	642			
GLGR	GT02	94	95	94	95	94	95	95	94	95	94	94	95	95	94	94	94	94	94	94	99	94	94	94	94	94	94	94	94	94	95	94	94	94	94	94	94	94	94	94	94	94	94	94	95	94						
GLGR	ST1C	42	42	41	41	42	42	42	42	42	42	42	42	42	42	42	42	42	42	42	41	41	42	41	41	42	41	41	42	41	41	41	41	41	42	42	42	42	42	42	42	42	42	42	42	42	42	42	42			
NPRI	BLK1	304	307	307	300	316	308	307	310	305	302	301	309	308	307	289	290	309	309	307	304	308	508	512	513	509	512	512	515	515	509	513	512	500	511	512	514	503	512	507	514	505	513	508	511	500	510	298	303			
NPRI	BLK2	349	331	330	323	350	332	331	331	327	323	322	331	330	329	310	311	330	331	330	329	523	522	521	515	513	525	514	526	526	526	526	526	526	526	525	526	525	524	526	525	526	525	524	524	473	500	486	359			
PCGP	PGRG	593	604	600	388	415	403	401	402	394	386	385	403	402	397	384	385	403	603	601	596	602	594	598	602	594	598	601	602	611	595	603	599	573	599	597	605	581	598	595	601	584	600	590	598	579	596	582	590			
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	0	0	0	0	7	85	142	142	146	134	0	0	0	0	0	0	0	0	0	0	0	0	0			
PLPS	GT13	0	0	0	0	0	0	0	53	53	43	44	63	137	129	125	125	125	125	125	125	125	124	126	125	125	139	138	138	137	137	137	137	137	139	121	123	125	125	125	125	124	125	123	124	125	125	125	125			
PLPS	ST18	0	0	0	0	0	0	0	0	0	0	0	17	24	56	56	56	57	57	57	58	58	58	58	58	58	61	59	58	58	59	60	118	144	143	143	137	59	58	58	58	58	58	58	58	58	58	58	58	58		
SKSP	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	0	0	0	0	0		
SPGP	BLK1	713	719	717	709	608	597	600	599	595	595	590	599	600	688	700	697	719	719	719	713	718	713	714	716	708	711	701	710	705	701	718	709	701	717	715	717	711	717	712	718	711	717	714	714	709	716	709	710			
SPGP	BLK2	710	718	717	709	608	598	599	600	596	595	591	600	601	687	695	693	718	717	717	712	716	706	707	707	702	704	700	707	700	701	701	700	688	709	704	713	705	714	709	717	705	717	714	713	706	712	704	703			
TJGS	GT1A	130	126	125	126	127	126	125	127	126	127	125	127	125	125	113	116	122	127	126	128	124	128	203	229	225	152	180	226	226	225	226	225	216	223	172	121	122</														

Daily MW Generation on Tuesday

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
KNRG	HY01	23	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	23	23	23	23	24	23	23	23	23	23	24	23	0	0	0	0	0	0	0	0	0	0	0	0
KNRG	HY03	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20
KNYR	HY01	94	94	93	94	93	94	93	94	94	94	94	94	53	57	59	94	94	93	94	94	93	93	94	93
KNYR	HY02	93	93	93	93	93	93	93	93	93	93	93	93	62	62	61	93	93	93	93	93	93	93	93	93
KNYR	HY03	95	97	97	97	100	99	99	99	98	98	97	97	98	98	94	53	57	58	98	98	98	98	97	96
KNYR	HY04	90	95	95	93	95	95	95	95	95	94	95	95	95	87	87	96	96	95	95	95	95	93	95	95
LPIA	HY01	21	21	21	21	21	21	21	21	21	21	21	21	21	21	21	21	21	21	21	21	21	21	21	21
LPIA	HY02	22	22	21	21	22	22	22	21	21	21	21	21	21	21	21	18	18	18	20	20	20	20	20	20
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	19	-1	-1	-1	-1	-1	-1	-1	-1	22	-1	-1	-1	152	19	20	20	19
PGAU	HY02	-1	-1	-1	-1	-1	-1	19	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	108	-1	-1	-1
SYPS	HY01	25	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SYPS	HY03	25	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	25	25	25	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TMGR	HY01	-1	0	-1	-1	-1	-1	0	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1
TMGR	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
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	41	41	42	41	77	41	41	42	41	41	40	41	43	43	37	37	41	42	44	42	41	42	43	41
UJLI	HY01	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	93	144	183	180
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	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
UPIA	HY02	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6
Total Hydro		632	569	565	562	605	567	592	612	611	590	563	565	569	567	548	425	448	474	624	556	569	591	572	833
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
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

Daily MW Generation on Tuesday

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		
TBLS	LSS2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4	11	18	25	30	30	30	30	30	30	30	30	30	30	30	6	9	1	2	2	1	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	47	183	392	528	676	758	815	824	894	750	775	745	822	706	570	483	360	352	283	279	183	57	17	2	1	0	0	0	0	0	0	0	0	0
ESTL	ESTL	0	0	2	0	0	0	0	0	0	0	8	0	0	0	0	0	0	0	0	0	0	-5	0	0	6	0	0	0	0	0	0	6	0	0	0	2	0	0	0	0	1	2	0	0	0	1			
KHTC	BLK1	-31	-32	-30	-31	-32	-29	-29	-25	-25	-24	-22	-22	-26	-25	-27	-27	-33	-38	-40	-42	-47	-47	-52	-50	-54	-52	-58	-60	-52	-48	-47	-45	-43	-41	-39	-38	-36	-36	-39	-33	-35	-32	-31	-30	-33	-30	-29	-27	
PCUF	CUFG	13	12	13	12	11	12	12	11	12	12	13	13	13	15	13	13	13	12	11	9	8	10	9	9	10	10	10	10	11	9	11	9	11	10	13	12	12	13	14	13	13	13	14	13	14	14			
PCUF	CUFK	5	4	3	4	4	4	4	3	5	5	5	4	4	3	4	5	5	3	4	5	5	4	4	4	4	3	5	5	6	5	4	4	5	3	3	5	3	5	3	2	4	3	3	4	4	4			
PFTZ	PFTZ	13	13	13	13	13	13	13	13	13	13	13	13	13	13	14	13	13	13	14	14	14	14	14	14	14	14	14	14	14	13	14	13	14	14	14	14	14	14	14	14	13	13	13	13	13				
Total Co-Gen		0	-3	1	-2	-4	0	0	2	5	6	9	17	4	7	3	3	-2	-8	-12	-14	-20	-24	-25	-23	-20	-25	-30	-27	-22	-21	-16	-18	-14	-7	-7	-9	-7	-2	-8	-1	-5	-4	0	2	-4	0	2	5	
Total Gen		15422	15015	14747	14421	14079	13977	13785	13677	13455	13364	13311	13467	13700	13926	13574	13541	13994	14926	15606	16039	16386	16717	17016	17384	16978	16918	16885	17406	17696	17960	17835	17841	17609	17624	17200	16724	16331	16289	16853	17357	17210	17105	17007	16825	16424	16223	15846	15489	
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		
TIE-HVDC		-28	-31	-28	-29	-29	-29	-28	-31	-31	-28	-28	-29	-28	-31	-28	-28	-30	-28	-31	-29	-29	-31	-28	-29	-29	-31	-29	-28	-30	-30	-30	-30	-30	-19	-29	-28	-29	-28	-28	-30	-31	-29	-31	-28	-31	-30			
TIE-PLTG		-13	-6	6	3	-72	-4	-7	-11	-18	-3	-4	-5	-10	6	0	1	-36	-22	-18	-22	-3	-17	-12	120	-9	-3	10	23	19	20	43	48	18	11	19	14	13	-11	25	4	5	-20	2	-6	11	-20	-13	0	
Interconnection		-41	-37	-21	-26	-101	-33	-36	-40	-46	-33	-34	-33	-38	-23	-28	-29	-64	-50	-45	-52	-31	-47	-41	92	-39	-31	19	-5	-11	-8	15	18	-12	-19	-9	-14	-14	-39	-3	-25	-25	-51	-26	-37	-17	-51	-44	-30	
System Total		15463	15052	14768	14447	14180	14010	13821	13717	13501	13397	13345	13500	13738	13949	13602	13570	14058	14976	15651	16091	16417	16764	17057	17292	17017	16949	16904	17411	17707	17968	17820	17823	17621	17643	17209	16738	16345	16328	16856	17382	17235	17156	17033	16862	16441	16274	15890	15519	
SRev ST-Coal		153	163	228	233	148	159	294	361	389	390	399	387	385	390	401	386	390	254	196	148	153	162	154	149	150	152	157	149	156	148	146	158	150	158	153	168	160	160	150	152	155	163	141	166	165	154	161	149	
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		
SRev CCGT-Gas		1611	1942	2123	2447	2298	2355	2409	2400	2721	2759	2784	2795	2589	2286	2612	2613	2326	1955	1629	1359	1123	873	582	553	569	1034	997	556	468	361	423	376	407	271	509	784	1005	1106	588	269	429	643	766	945	1184	1405	1811	2139	
SRev ST-Gas		0	0	0	0	0	0	0	0	0	0	0	0	31	32	32	34	34	38	38	40	42	44	44	43	44	44	42	42	41	1	1	1	1	1	-2	7	9	4	2	3	3	3	3	5	7	9	14		
SRev Co-Gen		0	0	0	0	-1	-2	0	0	0	0	-1	0	0	0	0	0	0	0	0	0	0	-1	1	0	2	0	0	0	0	0	0	0	0	0	-1	0	-1	0	-1	0	0	-1	0	-1	-1	-1			
Syncon		890	802	890	890	890	890	802	739	739	890	890	890	890	890	890	890	890	739	764	890	890	739	890	552	739	739	739	739	464	277	277	365	552	552	739	890	890	890	703	703	703	703	890	890	739	890			
Hydro		152	126	129	132	89	127	133	263	264	134	131	129	125	127	146	269	246	371	196	138	125	254	122	199	255	224	257	228	455	390	516	406	424	388	301	151	166	165	163	221	249	203	224	224	148	141	276	144	
S.Reserve Total		2893	3207	3457	3789	3511	3616	3812	3850	4200	4260	4290	4288	4107	3811	4169	4280	3973	3444	2910	2662	2420	2159	1878	1584	1843	2282	2281	1801	1585	1216	1363	1308	1534	1370	1790	2078	2314	2416	1882	1433	1626	1802	1923	2128	2479	2683	3082	3422	