

Daily System Generation Summary on Friday

Friday, May 26, 2023

Availability at Daily Maximum Demand Hour

ST-Coal	0 MW
ST-Gas	0 MW
ST-Oil	0 MW
Hydro	2,362 MW
Distillate	0 MW
Total TNB	2,362 MW
Total IPP	17,992 MW
Total Co-Gen	0 MW
Total System	22,916 MW

Generation Mix

Type	MWh	Percentage
Hydro	24,057	6.12 %
Distillate	1,883	0.48 %
Gas	27,497	7.00 %
Total TNB	53,437	13.60 %
ST-Coal	240,119	61.10 %
LSS	4,231	1.08 %
Distillate	3,685	0.94 %
Gas	92,062	23.43 %
Total IPP	340,097	86.54 %
Co-Gen	4	0.00 %
Total Co-Gen	4	0.00 %
Total Generation	393,538	100.14 %
PLTG	-80	-0.02 %
EGAT	6	0.00 %
HVDC	636	0.16 %
Interconnection	562	0.14 %
Net Energy	392,976	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	19,791 MW
TNB Generation	2,849 MW
IPP Generation	15,326 MW
Spinning Reserve	1,634 MW
Maximum Demand	18,150 MW
Net Energy	392,976 MWH
Load Factor	90.21 %

Fuel Cost

Average Spinning Reserve During Peak Hour

Type	MW
GT	702
Hydro	339
Syncon	476
Thermal	183
Total	1,700

Time Weather Temperature

Gas Usage

Station	(mmscfd)
GLGR	45
TJGS	150
Total TNB	195
CBPS	46
EMPP	291
NPRI	126
PCGP	84
PLPS	37
SGRI	7
SKSP	2
Total IPP	593
Total Gas	788

Alternate Fuel Usage

Station	(mmscfd)
PLPS	14
SKSP	21
TJGS	22
Total	57

Total Gas Required 845

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	16859	16063	15414	14939	14449	14192	14310	14157	14471	16020	16883	17401	17377	17001	17461	18032	18150	17662	16644	16512	17532	17447	16838	16605

Prepared By: -Select Name-

Checked By: -Select Name-

Printed on: Friday, June 2, 2023 9:45:15 AM

(Ir. Shanmugam Thoppalan)
Head
Grid System Operator

Daily MW Generation on Friday

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	U002	705	700	706	709	706	706	705	711	705	705	706	708	706	707	706	709	703	702	700	704	704	705	705	705	702	707	706	707	705	702	708	699	702																
JMHE	U002	979	975	974	978	976	897	901	900	901	901	900	903	900	898	901	898	929	961	969	974	973	971	971	977	975	978	975	978	977	972	972	977	978	976	975	978	976	977	979	977	973								
JMJG	U001	667	675	671	671	670	673	673	672	674	669	677	672	671	674	671	670	672	672	673	676	675	672	672	673	671	676	673	672	668	670	672	673	671	673	673	673	668	675	668	676	676								
JMJG	U002	677	671	673	677	671	673	680	676	677	673	673	678	677	674	669	676	671	673	676	672	677	678	675	678	673	673	669	671	676	672	672	675	674	675	670	677	677	673	679	671	676	673	673	675	677	673			
JMJG	U003	676	623	528	476	455	433	446	436	447	435	436	447	507	577	666	667	673	668	679	669	677	668	672	673	671	666	673	674	675	676	673	684	665	678	666	677	678	672	664	669	668	678	665	682	668	673	672	672	
JMJG	U004	983	980	983	979	983	959	908	910	905	906	906	906	908	907	906	908	914	972	983	977	982	979	980	982	982	983	986	979	981	981	980	985	985	979	980	985	980	986	981	986	981	983	978	982	980	978	980	983	
JMJG	U005	972	973	974	978	977	924	902	899	902	900	901	897	898	899	903	926	982	981	985	978	976	975	978	977	971	977	979	975	977	976	974	971	974	969	966	969	970	969	968	969	972	972	974	972	978	974	971		
PKLG	U003	279	279	277	279	277	278	279	278	277	278	279	276	278	279	263	278	278	279	279	279	279	280	280	277	278	279	281	278	279	279	279	280	278	279	280	278	280	278	280	278	278	280	279	279	280	280	274	274	
PKLG	U004	276	280	278	277	276	280	271	272	276	276	277	275	274	272	274	271	276	273	274	274	271	276	276	277	267	275	275	277	276	276	270	274	275	276	286	278	276	271	264	265	270	269	269	275	280	274	274		
PKLG	U005	466	464	465	468	474	468	459	468	466	466	468	470	465	466	467	469	459	460	466	466	470	462	468	458	466	472	462	466	470	463	466	468	466	466	466	472	466	466	468	466	466	466	468	468	423	458	462	462	465
PKLG	U006	405	406	406	405	405	406	405	405	406	406	406	406	406	406	406	406	406	406	372	299	270	235	235	238	235	287	375	409	406	406	404	404	404	406	406	406	404	406	404	406	406	406	406	406	406	405	405		
TBIN	U001	697	698	698	692	696	698	698	696	697	698	698	698	698	699	698	698	697	697	693	697	697	698	698	698	696	697	700	700	698	697	699	698	698	696	698	696	697	696	697	698	697	694	695	697	697	696	699		
TBIN	U002	700	697	699	703	698	699	699	697	701	699	699	699	701	704	699	700	702	700	699	699	691	696	696	693	693	693	694	692	692	694	696	693	695	694	695	692	694	695	695	694	694	695	698	692	697	695	694	693	
TBIN	U003	697	695	695	693	695	696	695	694	691	694	695	696	695	694	695	691	696	696	693	693	693	694	692	692	694	696	693	695	694	695	694	695	692	694	695	695	695	694	694	695	698	692	697	695	692	693	698	985	
TBIN	U004	980	979	980	980	979	951	907	902	902	905	903	905	904	905	906	914	983	982	983	983	983	983	983	983	984	985	983	983	982	982	982	982	984	983	982	986	981	983	982	986	981	983	984	982	983	984	983	985	
Total ST-Coal		10159	10095	10007	9965	9938	9741	9628	9618	9626	9612	9623	9643	9685	9757	9842	9835	9917	10124	10123	10042	10020	9973	9978	9993	9969	10042	10126	10167	10160	10158	10149	10163	10145	10164	10145	10172	10143	10159	10145	10140	10139	10163	10141	10116	10134	10163	10148	10149	
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		
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	348	344	246	240	235	221	222	230	222	223	222	223	223	225	221	222	221	221	221	327	360	360	360	360	360	361	360	360	360	360	360	360	360	360	361	361	336	221	221	224	355	355	354	355	249	221	221	219	221
EMPP	BLK1	710	707	711	709	692	675	644	564	559	546	468	494	525	499	426	417	422	504	655	709	708	710	710	713	709	699	691	710	702	711	709	710	710	710	709	704	695	578	717	682	710	686	698	708	701	708	711	701	
EMPP	BLK2	709	712	710	710	692	676	646	571	559	544	467	490	528	499	424	415	422	514	658	704	708	710	710	711	709	698	690	709	708	713	708	710	711	710	709	702	696	708	716	685	711	687	697	710	704	710	709	709	
EMPP	BLK3	710	713	711	710	691	677	644	573	557	545	466	490	528	500	422	416	422	518	659	709	709	710	710	712	709	698	691	709	703	712	709	710	711	711	708	703	695	709	715	685	711	687	697	709	702	710	711	713	
GLGR	GT01	66	68	67	67	65	65	66	67	65	66	67	65	67	65	67	68	67	65	65	66	67	65	65	65	66	66	66	65	68	66	66	67	68	67	65	66	67	67	65	67	65	66	67	68	67	65	67		
GLGR	GT02	65	66	65	66	65	65	66	66	66	66	66	66	65	66	65	65	65	65	65	65	65	65	65	65	65	65	66	66	65	65	65	65	66	65	65	65	65	65	65	65	65	65	65	65	65	65	65	65	
GLGR	ST1C	71	70	71	71	71	70	71	71	70	71	71	70	71	70	71	70	71	70	70	70	71	70	70	71	70	71	71	70	70	71	71	70	71	71	70	71	71	70	71	71	71	71	71	71	71	71	71		
NPRI	BLK1	511	440	433	334	331	331	331	329	331	333	331	334	333	330	332	331	332	329	332	362	406	531	508	514	359	335	324	368	329	393	491	466	514	445	361	367	326	332	400	491	523	512	515	522	413	367	340	331	
NPRI	BLK2	347	325	323	321	323	322	323	322	322	322	322	325	327	324	324	325	325	322	325	379	323	329	507	511	514	320	315	323	321	325	439	512	513	511	506	505	317	323	342	505	356	421	511	518	407	323	322	322	
PCGP	PGRG	601	606	603	601	602	602	602	602	402	403	404	408	402	503	400	402	400	595	603	604	603	604	594	602	606	595	586	600	602	597	605	602	603	595	594	594	600	616	588	603	586	588	603	602	602	602	603		
PLPS	GT11	127	128	128	129	128	129	128	130	129	129	129	128	128	128	129	128	127	129	129	128	129	128	128	128	129	128	129	128	129	127	127	130	131	131	112	115	115	118	151	148	144	114	115	116	115	115	116		
PLPS	GT13	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	55	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
PLPS	ST18	58	59	58	58	58	58	58	58	58	58	58	58	58	57	58	57	58	58	58	59	58	58	58	58	58	59	58	58	58	58	59	103	142	142	142	137	137	137	136	140	141	137	132	133	134	133	133	132	
SGRI	GT13	106	106	108	105	106	105	105	108	105	106	106	37	0	0	0	0	0																																

Daily MW Generation on Friday

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	HY03	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	
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	
HTRG	HY01	125	125	125	124	0	0	0	0	0	0	0	0	0	0	62	124	125	125	124	125	124	125	124	68	68
HTRG	HY02	124	69	69	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	68	124	125	124	124	124	125	124	124	68	68
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	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	35	35	35	35	35	35	35	22	22	22	22	22	22	22	35	35	35	35	35	35	35	35	35	35	
KNRG	HY02	37	37	37	37	37	37	37	24	24	24	25	25	24	24	24	37	37	37	37	37	37	36	37	36	
KNRG	HY03	37	37	37	37	37	37	37	20	20	20	20	20	20	20	37	37	37	37	37	37	37	37	37	37	
KNYR	HY01	99	99	98	98	99	99	99	99	99	99	99	99	98	98	98	99	98	98	99	98	98	99	98	99	
KNYR	HY02	60	65	82	81	61	60	61	63	61	60	64	61	60	61	59	96	96	96	96	96	96	96	96	96	
KNYR	HY03	94	94	93	93	92	91	90	90	90	91	92	92	93	92	93	91	91	90	90	89	90	90	91	91	
LPIA	HY01	18	18	18	18	18	18	18	18	18	18	18	18	20	20	20	20	17	11	11	11	11	11	11	11	
LPIA	HY02	0	0	0	0	0	0	0	0	0	0	0	0	4	10	10	10	10	10	10	10	10	10	10	10	
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	-1	-1	-1	0	0	0	0	0	0	-1	-1	-1	-1	-1	-1	-1	-1	
PGAU	HY03	22	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	23	23	23	23	23	
PGAU	HY04	0	0	0	0	0	0	0	0	0	0	0	0	0	20	21	-1	145	0	0	0	0	0	0	0	
SIHY	HY01	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	30	30	30	30	
SIHY	HY03	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	30	30	30	30	
SYPS	HY01	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	17	17	17	17	17	
SYPS	HY03	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	17	17	17	17	17	
SYPS	HY04	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	17	17	17	17	17	
TMGR	HY01	84	84	84	0	0	0	0	0	0	0	0	0	0	85	85	85	85	85	85	85	85	85	85	85	
TMGR	HY02	85	0	0	0	0	0	0	0	0	0	0	0	0	0	0	11	85	85	85	86	88	88	88	88	
TMGR	HY03	82	82	82	82	0	0	0	0	0	0	0	0	0	81	83	83	82	83	83	83	83	83	83	83	
TMGR	HY04	83	83	83	83	83	83	83	83	83	83	83	83	83	83	83	83	83	83	83	83	83	83	83	83	
UJLI	HY01	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	91	93	89	93	92	
UJLI	HY02	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	94	90	94	95	95	
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	4	4	4	4	4	4	3	3	3	3	3	3	3	3	3	4	5	4	4	3	3	3	3	3	
Total Hydro		1102	945	960	804	578	575	575	576	531	531	531	557	535	501	522	520	705	1023	997	1013	1115	1113	1132	1136	1135
PLPS	GT13	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
SKSP	BLK1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	270	267	268	269	
TJGS	GT1A	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	127	141	110	
TJGS	GT1B	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	120	171	
Total Distillate		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	270	267	318	410	
BDLS	LSS1	0	0	0	0	0	0	0	0	0	0	0	0	0	1	2	6	9	12	11	17	16	19	20	19	
BKLS	LSS2	0	0	0	0	0	0	0	0	0	0	0	0	0	3	5	10	11	13	16	8	15	11	10	13	
BSLS	LSS2	0	0	0	0	0	0	0	0	0	0	0	0	0	2	5	11	15	6	3	10	31	16	26	29	
CHLS	LSS1	0	0	0	0	0	0	0	0	0	0	0	0	0	4	16	19	23	22	27	22	32	34	35	30	
GBLS	LSS1	0	0	0	0	0	0	0	0	0	0	0	0	1	2	4	7	9	16	17	20	24	23	28	20	
GELS	LSS2	0	0	0	0	0	0	0	0	0	0	0	0	0	2	3	5	7	10	12	10	8	16	16	17	
GNLS	LSS1	0	0	0	0	0	0	0	0	0	0	0	0	0	1	3	8	10	18	21	27	28	34	43	40	
JELS	LSS2	0	0	0	0	0	0	0	0	0	0	0	0	0	1	5	8	11	11	19	16	15	11	17	16	
JSLs	LSS1	0	0	0	0	0	0	0	0	0	0	0	0	0	2	2	5	5	12	18	18	33	35	38	41	

Daily MW Generation on Friday

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		
KDLS	LSS3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	7	15	33	44	16	5	26	89	44	79	84	49	44	31	19	25	40	32	22	10	10	6	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	1	3	7	13	19	21	6	6	29	33	31	36	32	26	34	9	11	13	20	13	7	4	4	2	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	2	4	9	13	3	2	11	28	18	28	23	25	15	12	6	7	14	12	8	2	3	2	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	2	11	23	25	53	56	50	43	21	7	1	8	17	45	49	69	59	35	31	24	24	11	8	2	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	1	3	7	9	17	19	26	13	7	2	1	3	5	15	14	13	24	13	10	8	10	4	3	1	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	2	3	4	7	8	10	12	15	17	21	20	18	18	15	26	24	22	10	6	2	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	1	3	3	5	14	16	25	30	29	31	34	21	39	30	16	14	14	15	8	8	3	1	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	2	3	6	8	18	33	56	58	58	61	57	50	62	78	27	36	41	28	21	33	6	1	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	10	15	20	30	35	45	56	61	77	72	67	41	62	67	73	32	18	23	23	13	7	2	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	3	9	17	14	19	12	26	23	24	26	43	46	45	39	17	11	7	6	11	7	3	2	1	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	1	3	7	8	16	20	27	31	35	28	43	21	2	1	2	5	14	16	16	12	10	6	3	2	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	1	2	3	4	6	8	11	12	16	15	14	19	19	19	18	16																	