

Daily System Generation Summary on Saturday

Saturday, March 5, 2022

Availability at Daily Maximum Demand Hour

ST-Coal	0 MW
ST-Gas	0 MW
ST-Oil	0 MW
Hydro	1,864 MW
Distillate	0 MW
Total TNB	1,864 MW
Total IPP	16,958 MW
Total Co-Gen	0 MW
Total System	23,101 MW

Generation Mix

Type	MWh	Percentage
Hydro	7,882	2.36 %
Gas	48,223	14.45 %
Total TNB	56,105	16.81 %
ST-Coal	204,884	61.38 %
LSS	2,600	0.78 %
Gas	67,919	20.35 %
Total IPP	275,403	82.50 %
Co-Gen	1,246	0.37 %
Total Co-Gen	1,246	0.37 %
Total Generation	332,754	99.68 %
PLTG	-357	-0.11 %
HVDC	-695	-0.21 %
Interconnection	-1,052	-0.32 %
Net Energy	333,806	100.00 %

Maximum Demand Record

Date: 3/29/2022	18,840 MW
Date: 3/10/2020	394,238 MWH

Set On Bus, TNB, IPP And MD

Daily Maximum Demand Hour at:	20:00:00 Hour
Total Set On Bus	17,649 MW
TNB Generation	2,940 MW
IPP Generation	12,104 MW
Spinning Reserve	2,553 MW
Maximum Demand	15,122 MW
Net Energy	333,806 MWH
Load Factor	91.98 %

Fuel Cost

Average Spinning Reserve During Peak Hour

Type	MW
GT	2,110
Hydro	556
Syncon	363
Thermal	286
Total	3,315

Time	Weather	Temperature
Afternoon	Hot	32
Morning	Sunny	24

Gas Usage

Station	(mmcsfd)
GLGR	59
TJGS	146
Total TNB	205
CBPS	38
EMPP	251
PCGP	46
PGLA	5
PLPS	81
SKSP	37
SPGP	130
Total IPP	587
Total Gas	792
Total Gas Required	792

Alternate Fuel Usage

Station	(mmcsfd)
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	14523	13817	13364	12913	12597	12432	12489	12489	12344	13458	14166	14561	14487	14312	14690	14821	14694	14450	14285	14386	15122	14919	14328	13998

Prepared By: -Select Name-

Checked By: -Select Name-

Printed on: Tuesday, April 5, 2022 10:23:50 AM

(Ir. Shanmugam Thoppalan)
Head
Grid System Operator

Daily MW Generation on Saturday

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	694	697	696	695	694	696	696	698	696	604	607	604	605	604	605	652	605	694	695	696	693	696	694	696	696	696	696	696	696	696	697	697	696	696	695	695	696	696												
JMAH	U002	695	696	695	693	697	695	696	692	693	605	610	603	604	608	604	653	605	696	695	696	697	694	694	698	695	694	698	695	696	695	694	692	699	697	695	696	691	694	696	695	696									
JMHE	U002	978	980	983	983	846	839	850	853	850	849	851	848	849	851	843	852	849	852	850	852	953	938	939	939	937	940	938	938	940	938	939	939	896	900	900	898	901	901	927	976	978	980	978	979	979	982	979			
JMJG	U001	446	447	450	447	447	448	450	447	506	547	548	546	545	548	546	603	646	646	672	673	672	671	675	672	671	678	671	671	672	672	671	672	674	671	643	645	645	626	626	629	624	627	632	625	625	627	626	622		
JMJG	U002	458	461	463	462	459	460	461	461	508	549	550	548	552	552	548	600	651	649	671	676	673	674	671	673	676	675	673	672	672	677	678	674	674	673	644	652	646	630	629	633	632	627	627	632	630	628	629	629		
JMJG	U004	977	977	977	923	865	850	852	851	849	849	851	851	852	852	853	852	853	852	849	851	853	898	938	938	939	936	939	938	936	936	938	936	939	938	939	906	895	894	897	897	895	895	895	897	896	898	846			
JMJG	U005	971	978	972	900	850	850	852	850	851	850	851	849	850	851	851	849	850	848	852	851	852	939	940	942	939	940	939	939	938	940	940	943	941	940	941	940	941	940	940	961	966	969	969	969	972	970	971	969		
PKLG	U003	275	278	277	278	275	275	278	278	275	244	149	147	148	151	149	150	150	165	269	281	285	281	281	277	278	276	279	279	279	278	283	279	279	277	277	280	278	278	279	279	277	278	275	277	280	279	277			
PKLG	U004	278	275	270	274	273	274	272	271	275	238	165	150	156	156	154	153	154	153	264	279	286	278	276	274	276	271	276	278	277	278	279	277	277	275	278	276	276	276	276	275	271	276	276	275	278	283				
PKLG	U006	449	448	446	446	448	447	449	448	449	449	449	448	445	441	442	446	447	448	448	449	448	449	452	449	447	450	447	446	449	447	449	447	447	447	448	453	450	449	450	450	451	451	449	450	445	442	444	445		
TBIN	U001	687	689	689	689	689	689	689	690	686	689	690	688	689	689	688	686	628	693	689	688	687	688	686	688	687	688	689	688	690	687	687	687	688	689	687	688	686	687	685	686	687	689	686	688	687	687				
TBIN	U003	690	691	691	691	693	692	689	693	691	690	690	690	688	690	690	689	632	685	692	692	692	690	691	693	693	692	691	685	691	691	692	691	692	691	689	695	690	693	692	692	694	691	691	692	691	687	695	688		
TBIN	U004	941	939	941	900	851	851	853	851	853	854	854	853	852	853	854	852	853	854	852	854	853	931	941	941	940	945	944	945	942	940	940	940	941	941	943	941	940	941	940	940	940	941	939	944	941	941	940			
Total ST-Coal		8539	8556	8550	8381	8087	8066	8087	8083	8182	8017	7865	7825	7835	7846	7835	8028	7926	8232	8500	8536	8543	8842	8877	8880	8876	8876	8883	8871	8877	8876	8885	8871	8881	8829	8784	8797	8745	8708	8701	8766	8811	8805	8813	8808	8812	8804	8820	8757		
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			
CBPS	BLK2	324	295	296	301	302	220	213	218	222	224	223	223	224	223	216	216	223	219	219	222	216	216	223	224	216	216	223	223	223	224	224	222	222	216	217	215	224	226	219	222	215	223	218	224	224	219	219			
EMPP	BLK1	694	600	500	549	597	601	546	496	411	441	462	491	496	515	500	397	406	478	493	550	599	565	579	601	566	525	513	640	665	684	694	688	663	687	660	629	615	710	715	687	678	644	526	549	481	454	409	401		
EMPP	BLK2	694	596	503	549	597	601	546	497	411	440	464	489	495	516	500	397	406	479	495	548	600	565	579	601	566	526	513	643	666	683	696	688	663	687	660	629	615	711	715	687	679	644	588	549	480	454	408	400		
EMPP	BLK3	692	545	503	500	597	598	545	499	413	420	442	468	473	492	474	397	406	466	495	548	600	566	579	551	515	524	514	642	665	683	635	688	663	686	660	633	619	499	608	687	679	643	711	549	480	453	409	400		
GLGR	GT01	102	105	104	104	103	104	105	105	104	104	104	104	104	105	104	103	104	105	103	104	105	103	103	104	104	103	103	103	103	103	104	104	104	103	106	104	104	106	105	105	105	106	106	106	106	105	103			
GLGR	GT02	104	104	104	104	104	104	104	104	104	104	104	104	104	104	104	104	104	104	104	104	104	104	104	104	104	104	104	103	103	103	104	104	104	104	104	104	104	105	105	105	105	105	104	104	104	105	105			
GLGR	ST1C	93	93	93	93	93	93	93	93	93	93	93	93	93	93	93	93	93	93	93	93	93	93	93	93	93	93	93	93	93	93	93	93	93	93	93	93	93	93	93	93	93	93	93	93	93	93				
PCGP	PGRG	261	261	261	263	260	261	260	261	262	260	261	262	261	262	260	262	260	262	260	261	262	260	261	262	260	261	260	259	260	259	260	262	262	260	259	261	261	261	262	261	264	260	261	261	260	261	261			
PGLA	GT11	204	223	223	170	161	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0				
PGLA	ST10	94	111	112	107	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0				
PLPS	GT11	134	134	135	138	138	138	134	134	138	137	138	137	138	138	133	134	138	139	139	135	137	139	137	135	136	140	139	139	139	139	140	139	139	138	139	135	139	143	139	140	135	139	139	139	140	136	135			
PLPS	GT12	143	143	144	146	146	146	142	142	146	146	146	145	147	143	143	146	146	146	146	146	146	142	147	142	143	142	146	146	146	146	146	146	146	146	142	147	143	146	150	147	147	141	146	145	147	145	143	142		
PLPS	ST18	143	142	144	143	143	144	144	142	142	144	144	146	144	144	144	143	142	142	144	144	141	142	139	142	141	141	140	142	140	140	141	140	141	140	141	140	141	140	141	141	141	142	142	142	141	141	141			
SKSP	BLK1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	25	68	123	342	344	344	343	342	343	341	336	342	344	344	344	346	346	344	347	342	348	348	347	346	347	347	346	346	348	347	345			
SPGP	BLK1	363	362	360	362	363	362	362	363	360	362	365	361	362	361	363	361	360	363	362	362	361	362	362	363	361	360	361	362	361	360	360	360	450	450	447	451	451	450	450	400	400	600	601	599	599	600	600	601	599	600
SPGP	BLK2	361	360	362	363	361	3																																												

Daily MW Generation on Saturday

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
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	HY03	21	22	22	22	23	22	22	22	22	22	22	22	22	22	22	22	22	22	22	23	22	22	23	22
LPJA	HY02	27	27	27	27	27	27	27	27	27	27	27	27	27	27	27	27	27	27	27	27	27	27	27	27
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	110	81	81	21	21	21	21	21	21	21	21	21	21	21	21	82	149	149	149	81	81	21	21	21
PGAU	HY03	82	82	20	21	20	21	21	21	21	21	21	21	21	21	21	21	21	21	21	21	21	20	81	81
PGAU	HY04	21	21	21	21	21	21	21	21	21	21	21	21	21	21	21	21	21	21	21	21	21	80	80	79
SIHY	HY01	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	30	30	30
SIHY	HY02	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	30	30	30
SIHY	HY03	24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	30	30	30
SYPS	HY01	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	17	17	17
SYPS	HY03	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	17	17	17
SYPS	HY04	13	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	17	17	17
TMGR	HY01	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1
TMGR	HY02	31	33	34	2	0	0	0	0	0	0	0	35	35	35	35	35	35	0	0	0	0	0	0	0
TMGR	HY03	30	31	32	32	32	31	31	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TMGR	HY04	39	56	52	53	69	85	40	40	47	85	86	86	85	85	86	60	70	42	41	41	41	41	42	63
UJLI	HY01	83	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	88	87	82
UJLI	HY02	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	84	0	0	0	0
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	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4
Total Hydro		588	449	385	295	307	326	278	278	254	292	292	293	292	292	294	243	284	329	324	328	328	301	311	285
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
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
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
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	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
PCUF	CUFG	24	23	22	23	21	23	23	22	22	27	26	26	25	25	26	27	27	28	29	29	27	29	28	29
PCUF	CUFK	25	27	26	26	24	26	26	27	25	26	25	24	25	25	26	26	26	25	26	25	26	25	26	25
Total Co-Gen		49	50	48	49	45	49	49	49	47	53	52	50	51	50	52	50	51	51	53	53	53	55	55	54
Total Gen		14487	14036	13733	13524	13311	13079	12875	12729	12558	12458	12374	12409	12441	12502	12454	12295	12282	12933	13364	13721	14082	14361	14518	14587
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

Daily MW Generation on Saturday

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																									
TIE-HVDC		-29	-29	-29	-29	-28	-28	-29	-29	-29	-29	-29	-29	-29	-30	-30	-28	-28	-29	-29	-30	-30	-29	-29	-29	-28	-28	-29	-29	-28	-28	-28	-28	-29	-29	-29	-29	-29	-28	-28										
TIE-PLTG		-7	-50	-55	-50	-25	-66	-10	-30	-10	-39	-29	-13	-19	1	-6	44	-33	-33	-65	-63	-55	-30	-13	-55	-2	-28	-10	-2	29	41	61	58	46	-7	38	31	20	-34	-66	-13	2	3	-29	-12	-47	-45	-34	-3	
Interconnection		-36	-79	-84	-79	-53	-95	-38	-58	-39	-68	-58	-42	-48	-28	-35	15	-62	-63	-94	-91	-84	-59	-43	-84	-31	-56	-40	-32	1	13	32	29	17	-37	8	1	-9	-63	-93	-41	-26	-25	-59	-41	-76	-75	-63	-31	
System Total		14523	14115	13817	13603	13364	13174	12913	12787	12597	12526	12432	12451	12489	12530	12489	12280	12344	12996	13458	13812	14166	14420	14561	14671	14487	14381	14312	14577	14690	14871	14821	14803	14694	14679	14450	14314	14285	14195	14386	15003	15122	14967	14919	14645	14328	14239	13998	13819	
SRev ST-Coal		267	254	265	430	573	571	568	573	575	742	736	746	747	748	739	701	799	554	492	450	449	292	267	264	268	268	261	273	267	268	259	273	263	313	360	347	396	326	333	268	223	229	221	226	222	230	214	277	
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	0	
SRev CCGT-Gas		1988	2189	2420	2371	2169	2172	2349	2491	2735	2714	2645	2569	2547	2496	2540	2839	2817	2923	2816	2600	2228	2346	2307	2272	2387	2468	2512	2112	2037	1801	1822	1788	1859	1780	1878	1958	2012	2019	1888	1493	1508	1631	1719	1904	2099	2178	2381	2458	
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	0	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	0	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	0	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		214	401	401	401	401	401	401	401	401	401	401	401	401	401	401	401	401	401	401	401	401	401	401	401	401	401	401	401	401	401	401	401	401	401	401	401	401	401	214	214	214	214	214	401	401	402	402		
Hydro		573	439	503	593	494	475	523	523	460	422	422	421	422	422	420	471	517	472	477	473	473	500	490	516	518	463	464	473	473	392	320	325	342	388	413	473	482	473	429	629	521	545	549	612	466	465	509	511	
S.Reserve Total		3042	3283	3589	3795	3637	3619	3841	3988	4258	4366	4291	4224	4204	4154	4187	4499	4621	4437	4273	4011	3638	3626	3552	3540	3661	3687	3725	3346	3265	2949	2889	2874	2952	2969	3139	3266	3378	3306	3138	2691	2553	2706	2790	3043	3275	3361	3593	3735	