

Daily System Generation Summary on Thursday

Thursday, March 17, 2022

Availability at Daily Maximum Demand Hour

ST-Coal	0 MW
ST-Gas	0 MW
ST-Oil	0 MW
Hydro	2,005 MW
Distillate	0 MW
Total TNB	2,005 MW
Total IPP	17,024 MW
Total Co-Gen	0 MW
Total System	22,363 MW

Generation Mix

Type	MWh	Percentage
Hydro	15,464	4.13 %
Gas	37,014	9.89 %
Total TNB	52,478	14.02 %
ST-Coal	202,899	54.22 %
ST-Oil	5,002	1.34 %
LSS	3,859	1.03 %
Distillate	2,764	0.74 %
Gas	106,048	28.34 %
Total IPP	320,572	85.67 %
Co-Gen	848	0.23 %
Total Co-Gen	848	0.23 %
Total Generation	373,898	99.92 %
PLTG	407	0.11 %
HVDC	-693	-0.19 %
Interconnection	-286	-0.08 %
Net Energy	374,184	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:	15:30:00 Hour
Total Set On Bus	18,996 MW
TNB Generation	2,809 MW
IPP Generation	14,791 MW
Spinning Reserve	1,348 MW
Maximum Demand	17,679 MW
Net Energy	374,184 MWH
Load Factor	88.19 %

Fuel Cost

Average Spinning Reserve During Peak Hour

Type	MW
GT	713
Hydro	617
Syncon	191
Thermal	114
Total	1,635

Time	Weather	Temperature
Afternoon	Hot	34
Morning	Sunny	24

Gas Usage

Station	(mmscfd)
GLGR	30
TJGS	146
Total TNB	176
CBPS	48
EMPP	187
KLPP	61
NPRI	141
PCGP	62
PGLA	104
SGB3	59
SGRI	58
SPGP	80
Total IPP	800
Total Gas	977

Total Gas Required 1,062

Alternate Fuel Usage

Station	(mmscfd)
KLPP	19
SGB3	16
PKLG	51
Total	85

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	15215	14515	14045	13655	13237	13192	13116	13339	13821	15487	16291	16865	16890	16786	17365	17618	17509	17237	16211	16137	17004	16762	15934	15547

Prepared By: -Select Name-

Checked By: -Select Name-

Printed on: Tuesday, April 5, 2022 10:37:03 AM

(Ir. Shanmugam Thoppalan)
Head
Grid System Operator

Daily MW Generation on Thursday

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	705	706	704	706	705	706	704	707	704	637	702	709	708	708	708	707	705	706	706	705	704	707	705	705	705
JMAH	U002	707	705	705	706	706	706	706	706	704	640	635	636	705	709	707	705	705	704	707	705	701	704	706	708	705
JMHE	U002	979	983	978	901	846	821	818	822	819	818	820	819	822	820	818	821	820	972	980	976	981	979	981	979	982
JMJG	U001	643	634	630	642	640	643	664	667	670	672	673	672	675	673	672	679	665	675	671	667	678	672	594	595	601
JMJG	U002	671	673	667	673	677	677	673	677	673	673	673	676	675	674	677	677	674	673	673	675	679	671	673	675	672
JMJG	U004	900	902	903	900	884	826	823	823	824	823	823	823	824	826	824	826	823	850	897	900	899	901	900	899	901
JMJG	U005	972	971	977	906	862	815	805	828	821	815	823	822	822	823	816	819	821	905	980	970	966	967	973	972	976
PKLG	U003	278	277	277	277	276	277	274	278	276	215	148	147	148	186	265	277	278	279	278	277	277	278	276	278	274
PKLG	U004	276	275	277	275	280	274	271	272	272	220	156	155	155	168	268	279	288	279	275	273	274	280	277	274	279
PKLG	U006	443	446	445	442	444	442	441	443	438	442	448	446	445	446	445	443	442	444	444	443	445	443	442	438	442
TBIN	U001	697	699	697	694	699	698	699	697	702	697	698	700	694	698	698	697	698	696	447	275	201	217	214	217	217
TBIN	U003	699	698	699	700	700	699	699	700	699	697	701	698	698	700	699	698	697	700	701	699	698	698	699	699	699
TBIN	U004	938	939	937	903	882	824	821	824	823	823	823	821	822	822	823	823	821	890	938	938	937	941	939	937	938
Total ST-Coal		8908	8908	8896	8725	8601	8408	8398	8440	8425	8175	8125	8195	8256	8421	8441	8450	8763	8703	8510	8425	8468	8465	8371	8391	8393
PKLG	U001	141	141	141	141	141	141	141	141	141	141	141	141	141	0	0	0	0	0	0	0	0	0	0	0	0
PKLG	U002	141	141	141	141	141	141	142	142	142	142	141	141	141	141	141	141	141	141	141	141	141	175	203	203	
Total ST-Oil		282	282	282	282	282	282	283	283	283	283	282	282	141	141	141	141	141	141	141	141	141	141	175	203	203
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
CBPS	BLK2	356	250	215	223	218	219	220	220	220	221	222	221	223	223	224	222	222	229	358	358	363	363	365	358	359
EMPP	BLK1	663	708	693	710	704	673	586	424	402	427	484	456	414	561	475	462	678	622	684	631	696	702	706	696	
EMPP	BLK2	661	708	694	710	704	673	583	424	403	428	482	455	414	557	475	461	678	622	683	632	699	703	705	695	
GLGR	GT01	95	96	95	96	96	97	95	96	95	99	97	94	97	97	94	95	95	96	95	95	96	95	95	95	95
GLGR	ST1C	40	41	41	41	40	40	41	40	41	39	41	41	41	41	41	41	42	41	41	41	41	41	41	41	41
KLPP	GT13	111	120	113	117	117	127	127	127	125	127	127	127	127	126	127	127	128	127	123	127	126	126	136	136	
KLPP	GT14	22	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	29	111	152	152	153	156	98	0	
KLPP	GT15	0	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	98	66	64	65	65	67	67	66	66	66	66	66	66	66	66	66	68	67	67	66	127	143	136	200	
NPRI	BLK1	504	427	413	425	310	309	310	310	308	310	310	311	310	308	311	311	308	398	502	503	504	511	506	509	502
NPRI	BLK2	509	430	353	328	304	309	309	309	299	310	310	308	308	307	308	310	310	397	507	505	509	510	512	514	506
PCGP	PGRG	261	262	261	261	260	261	262	261	262	261	260	261	261	261	263	261	260	448	603	598	600	603	607	607	
PGLA	GT11	166	172	165	170	169	171	170	170	167	171	170	169	170	171	170	169	170	171	205	227	228	213	212	213	
PGLA	GT12	169	174	168	173	171	173	173	173	171	174	174	172	174	173	173	174	172	173	208	187	187	177	177	187	
PGLA	ST10	201	203	200	203	201	201	203	203	202	202	203	203	203	203	203	202	203	217	225	116	114	101	231		
SGB3	GT31	101	106	102	106	105	105	105	106	102	106	105	105	105	107	107	106	110	107	110	112	115	144	141	141	
SGB3	GT32	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	79	124	
SGB3	GT33	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
SGB3	ST34	61	62	62	62	62	63	63	62	62	64	64	63	63	63	63	63	65	65	65	65	69	152	152	150	
SGRI	GT11	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	56	136	135	
SGRI	GT12	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	8	104	134	
SGRI	GT13	109	114	107	111	111	111	111	111	111	111	111	111	111	112	112	111	116	111	112	112	115	116	119	116	
SGRI	ST14	68	66	63	63	60	60	56	63	61	61	56	58	62	59	56	65	60	60	58	60	58	60	61	132	
SPGP	BLK1	500	499	429	360	359	358	359	357	360	359	359	360	360	359	361	361	385	723	723	723	722	724	722	723	
TJGS	GT1A	178	128	128	128	128	128	128	128	128	128	128	128	128	128	125	128	128	219	219	216	216	216	216	216	
TJGS	GT1B	168	118	115	113	114	116	118	117	114	114	115	114	113	117	115	115	112	118	116	205	205	205	204	207	
TJGS	ST1C	206	166	163	163	163	163	163	163	163	163	163	163	163	163	163	163	163	229	232	232	232	235	235	242	
TJGS	GT2B	151	151	154	152	154	155	155	155	155	153	153	153	154	155	154	154	154	155	213	221	221	221	221	221	
TJGS	ST2C	95	97	97	97	97	97	97	97	97	97	97	97	97	97	97	97	97	110	123	123	123	123	123	123	

Daily MW Generation on Thursday

[illegible]

Daily MW Generation on Thursday

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																									
KRLS	LSS1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	5	17	22	26	30	28	23	28	21	14	21	30	16	9	9	1	7	2	1	1	1	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	4	9	14	22	31	30	50	50	48	50	50	50	51	50	35	22	22	13	9	5	3	1	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	1	4	11	19	27	35	31	40	29	52	41	13	27	9	50	48	24	31	26	23	16	19	11	3	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	1	6	10	21	25	25	37	29	26	22	16	45	23	13	19	18	26	4	4	3	3	1	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	3	3	6	9	6	4	11	10	11	11	19	17	16	24	7	9	7	9	3	1	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	1	3	15	24	18	30	30	27	30	30	17	4	10	12	11	19	10	9	8	8	2	1	0	0	0	0	0	0	0	0	0					
Total LSS		0	0	0	0	0	0	0	0	0	0	0	0	0	3	8	37	109	192	346	426	475	557	557	546	560	505	529	517	501	405	403	390	262	208	91	58	29	10	4	0	0	0	0	0	0	0			
PCUF	CUFG	23	23	23	24	22	23	24	22	22	24	25	24	24	22	24	24	22	23	24	25	24	25	25	29	25	25	25	24	24	24	23	23	23	22	23	25	25	24	24	23	24	25	25	26	24	24			
PCUF	CUFK	24	5	4	4	5	4	4	5	4	7	5	3	6	5	4	3	5	6	5	4	5	5	2	4	5	5	4	4	21	24	25	25	26	25	26	26	26	26	27	25	27	25	23	6	6	4			
Total Co-Gen		47	28	27	28	27	27	28	27	26	31	30	27	30	29	28	25	29	30	27	27	29	29	29	30	27	33	30	30	29	28	45	48	48	48	49	47	49	51	51	50	51	48	51	50	48	32	30	28	
Total Gen		15255	14859	14525	14349	14055	13829	13644	13356	13278	13120	13185	13098	13095	13313	13320	13306	13811	14765	15443	15841	16249	16629	16847	17011	16953	16825	16817	17161	17360	17586	17579	17648	17512	17467	17215	16615	16238	16023	16140	16841	16977	16955	16734	16358	15909	15778	15518	15366	
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			
TIE-HVDC		-29	-29	-29	-29	-29	-29	-29	-29	-29	-29	-29	-29	-29	-29	-29	-29	-29	-29	-29	-29	-29	-29	-29	-29	-29	-29	-29	-29	-30	-30	-30	-29	-29	-28	-28	-29	-29	-28	-28	-30	-30	-28	-28	-28	-28	-28			
TIE-PLTG		69	7	38	3	39	-11	18	10	70	-23	23	42	8	3	9	16	19	28	-15	12	-13	-8	10	26	93	30	60	31	24	-36	-11	-2	33	28	8	20	56	69	31	-8	1	20	2	-20	3	-33	-1	39	
Interconnection		40	-22	10	-26	10	-40	-11	-19	41	-53	-7	13	-21	-25	-19	-13	-10	-1	-44	-17	-42	-36	-18	-4	63	1	31	2	-5	-64	-39	-31	3	-2	-22	-9	27	41	3	-37	-27	-8	-28	-49	-25	-61	-29	11	
System Total		15215	14881	14515	14375	14045	13869	13655	13375	13237	13173	13192	13085	13116	13338	13339	13319	13821	14766	15487	15858	16291	16665	16865	17015	16890	16824	16786	17159	17365	17650	17618	17679	17509	17469	17237	16624	16211	15982	16137	16878	17004	16963	16762	16407	15934	15839	15547	15355	
SRev ST-Coal		91	91	103	274	306	402	439	425	432	596	526	522	455	443	428	415	406	276	136	129	214	96	99	173	83	81	97	92	97	102	117	112	95	108	113	108	110	101	99	98	92	98	110	102	92	101	95	91	
SRev 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		
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		1584	1688	1957	1975	2137	2177	2347	2676	2735	2657	2554	2617	2695	2396	2563	2593	2126	1541	1056	759	574	497	604	643	677	806	858	652	466	351	452	395	509	519	558	1003	1313	1294	1225	946	836	840	893	1228	1387	1304	1409	1453	
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	
SRev 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	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	
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	
Syncon		374	374	374	374	374	374	374	374	462	374	374	374	374	374	374	374	374	374	374	374	374	374	187	187	187	374	374	374	374	374	187	187	187	187	187	275	275	275	275	275	0	0	0	0	0	0	126	126	126
Hydro		651	558	523	511	518	511	518	518	520	512	499	516	517	510	516	520	537	466	479	468	610	517	428	544	565	562	604	601	669	630	622	648	544	702	744	776	775	600	585	568	575	738	783	864	714	723	721		
S.Reserve Total		2700	2798	3131	3308	3509	3638	3852	4167	4236	4313	4127	4203	4215	3904	4049	4072	3600	2902	2119	1828	1717	1390	1407	1431	1678	1826	1954	1751	1567	1349	1416	1348	1471	1388	1677	2158	2504	2476	2229	1657	1518	1537	1761	2136	2364	2354	2449	2599	