

Daily System Generation Summary on Thursday

Thursday, April 21, 2022

Availability at Daily Maximum Demand Hour

ST-Coal	0 MW
ST-Gas	0 MW
ST-Oil	0 MW
Hydro	2,038 MW
Distillate	0 MW
Total TNB	2,038 MW
Total IPP	19,580 MW
Total Co-Gen	0 MW
Total System	25,897 MW

Generation Mix

Type	MWh	Percentage
Hydro	13,385	3.55 %
Gas	69,861	18.51 %
Total TNB	83,246	22.05 %
ST-Coal	203,779	53.98 %
LSS	4,547	1.20 %
Gas	85,827	22.74 %
Total IPP	294,153	77.92 %
Co-Gen	1,294	0.34 %
Total Co-Gen	1,294	0.34 %
Total Generation	378,693	100.32 %
PLTG	479	0.13 %
HVDC	721	0.19 %
Interconnection	1,200	0.32 %
Net Energy	377,493	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:	16:00:00 Hour
Total Set On Bus	19,032 MW
TNB Generation	4,003 MW
IPP Generation	13,525 MW
Spinning Reserve	1,450 MW
Maximum Demand	17,497 MW
Net Energy	377,493 MWH
Load Factor	89.89 %

Fuel Cost

Average Spinning Reserve During Peak Hour

Type	MW
GT	258
Hydro	413
Syncon	377
Thermal	700
Total	1,748

Time	Weather	Temperature
Afternoon	Cloudy	32
Morning	Rainy	22

Gas Usage

Station	(mmscfd)
GLGR	55
TJGS	196
Total TNB	251
CBPS	49
EMPP	207
NPRI	161
PCGP	86
PLPS	49
SPGP	212
Total IPP	764
Total Gas	1,015
Total Gas Required	1,015

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	15474	14798	14301	13830	13544	13527	13656	13490	13931	15498	16230	16715	16587	16398	17027	17385	17497	16911	16415	16359	17053	17218	16727	16347

Prepared By: -Select Name-

Checked By: -Select Name-

Printed on: Monday, May 9, 2022 8:59:54 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	354	357	354	355	356	306	306	305	306	306	306	306	306	305	305	306	311	354	356	355	354	355	355	355	355	355	355	355	355	353	354	354	354	356	358	357	354	353	354	507	452	408	404	353	355	305			
JMAH	U002	655	545	455	354	354	311	307	304	304	304	305	304	303	305	303	304	303	304	304	306	306	304	303	304	304	303	304	306	427	455	506	485	403	354	358	357	354	353	354	507	452	408	404	353	355	305			
JMHE	U001	0	0	0	0	0	0	1	1	31	41	136	133	135	138	133	168	482	551	522	515	572	798	955	992	999	1001	996	1004	981	982	981	981	977	982	979	981	984	982	986	980	979	981	976	979	975	983			
JMHE	U002	979	980	940	941	901	903	871	867	872	873	848	850	849	851	853	851	848	952	978	976	981	979	981	978	980	980	976	984	979	980	983	981	977	984	981	984	983	980	984	978	979	982	975	980	977	985			
JMJG	U001	666	665	667	605	590	596	596	596	585	540	552	548	547	597	586	564	599	594	601	595	598	595	599	596	595	601	596	609	596	596	601	630	630	630	630	630	630	626	628	624	628	605	593	598	599	596	596	596	
JMJG	U002	666	667	662	609	600	601	575	553	549	553	551	550	553	596	587	568	600	601	597	601	598	603	601	592	604	607	598	601	601	601	601	630	630	630	630	630	630	627	629	630	629	604	605	593	599	600	596	603	
JMJG	U003	667	666	678	599	595	591	596	593	590	542	541	544	544	590	577	568	599	587	581	590	586	593	593	592	596	581	604	591	600	589	589	630	630	630	630	630	630	626	626	623	634	598	598	595	591	608	590	589	
JMJG	U004	977	980	939	939	918	901	881	873	873	876	854	854	854	854	854	854	892	948	977	979	977	977	975	981	976	975	974	975	977	977	977	977	977	978	979	978	977	977	977	978	977	977	977	977	980	976			
JMJG	U005	979	974	939	939	898	898	868	869	869	871	850	850	848	850	854	849	938	977	978	978	983	978	976	979	979	974	974	975	973	968	968	966	975	974	972	977	981	972	973	977	974	973	974	979	966	979	971		
PKLG	U003	262	200	149	151	150	151	150	148	149	151	151	152	150	150	151	150	150	150	150	150	164	145	150	149	150	149	150	149	151	151	151	151	151	151	151	150	151	151	150	150	150	150	149	151	151	150	151		
PKLG	U004	241	160	148	152	151	149	150	153	156	153	154	152	151	152	153	151	152	152	151	154	152	154	152	153	152	152	155	155	152	154	151	152	152	152	152	152	152	153	150	153	151	150	153	154	152	153	154	152	
PKLG	U005	329	265	268	268	269	269	268	268	269	268	267	267	269	269	270	268	269	268	268	268	267	228	137	80	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
TBIN	U001	0	0	0	0	0	0	0	0	0	0	0	0	10	6	97	211	269	353	371	492	580	699	600	501	499	450	451	449	532	549	519	520	521	480	448	349	349	349	349	451	486	568	569	549	498	398	368	345	
TBIN	U002	691	663	552	505	503	503	449	404	353	353	353	353	355	352	317	305	303	380	402	401	402	460	506	502	501	454	451	453	505	546	528	522	523	505	456	351	353	352	352	458	478	572	570	555	504	395	369	349	
TBIN	U003	691	602	551	500	503	501	449	403	348	352	352	351	351	353	304	302	301	395	402	402	402	452	498	499	498	455	448	450	528	575	523	521	523	509	449	356	355	352	351	456	475	575	571	556	503	403	369	350	
TBIN	U004	937	938	936	937	903	904	873	873	875	872	854	852	853	850	851	851	851	911	938	937	933	935	934	935	936	937	936	935	933	936	934	933	934	936	937	936	937	937	937	934	935	933	938	938	935	938	938		
Total ST-Coal		9094	8662	8238	7854	7691	7584	7339	7210	7098	7045	6977	7070	7075	7214	7203	7233	7421	8263	8525	8654	8746	8986	9114	9092	9073	8930	8928	8920	9146	9224	9285	9406	9461	9377	9144	8811	8815	8808	8798	9102	9201	9526	9459	9358	9202	8855	8750	8598	
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	216	223	222	221	221	223	225	226	219	227	220	217	231	222	222	221	226	312	362	362	362	360	361	356	352	354	361	354	361	361	361	359	363	356	355	365	358	366	365	351	362	362	359	360	350	358	362	358	
EMPP	BLK2	609	709	710	711	711	712	713	710	708	713	711	701	718	711	708	710	681	709	682	709	715	710	709	712	698	694	691	706	701	714	708	711	709	709	710	701	708	711	715	713	696	713	709	710	711	692	707	698	712
EMPP	BLK3	609	639	703	682	711	711	712	710	708	713	711	701	719	712	709	709	681	709	682	709	715	710	709	712	698	694	691	706	702	714	708	711	709	710	710	701	709	708	713	711	695	713	710	710	693	707	698	711	
GLGR	GT01	103	66	67	68	68	67	68	68	68	68	67	68	67	68	68	66	92	104	103	103	103	103	103	103	102	102	104	102	105	103	102	103	103	103	104	102	104	102	103	103	104	103	104	104	102	102	110	110	
GLGR	GT02	103	65	67	68	67	68	68	68	68	67	68	67	67	68	67	68	68	94	103	103	103	103	103	103	103	103	103	103	103	103	102	103	103	103	103	103	103	103	103	103	103	103	103	103	103	107	108		
GLGR	ST1C	93	78	72	71	72	72	72	72	71	71	71	71	72	71	72	72	71	85	93	94	93	94	94	93	93	93	94	94	94	94	94	94	94	94	94	94	94	94	94	94	94	94	94	93	94	101	100		
NPRI	BLK1	505	516	515	516	517	515	515	515	509	518	513	504	521	515	474	515	515	487	515	514	515	516	512	503	500	499	512	508	518	525	512	517	518	517	503	517	517	517	517	500	518	514	515	514	501	511	505	514	
NPRI	BLK2	509	518	518	520	519	518	518	519	512	522	514	506	526	518	478	519	518	491	518	521	520	519	516	507	503	503	516	511	520	528	514	519	521	519	506	519	520	524	521	502	524	517	518	518	504	512	508	514	
PCGP	PGRG	261	261	502	603	605	602	599	603	596	607	599	590	612	604	603	551	602	567	604	600	602	600	600	588	583	584	601	591	605	604	598	603	604	602	585	604	605	611	606	581	606	602	602	582	596	590	599		
PLPS	GT11	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5	62	134	138	139	139	139	135	138	135	139		
PLPS	GT12	141	118	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	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	GT13	129	134	122	144	142	143	144	143	144	143	143	143	144	144	125	125	145	143	145	142	142	141	141	140	140	139	138	137	138	138	137	138	138	138	138	139	138	137	136	136	141	141	141	141	137	14			

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
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	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1
HTRG	HY03	3	4	4	4	4	4	4	4	4	3	3	3	3	3	4	4	4	4	4	4	4	4	4	4
HTRG	HY04	3	4	4	4	4	4	4	4	4	3	3	3	3	3	3	3	3	4	4	4	4	4	4	4
KNRG	HY01	22	22	23	23	23	0	0	0	0	0	0	0	0	0	0	0	0	21	22	22	22	13	0	0
KNRG	HY02	22	23	23	23	23	0	0	0	0	0	0	0	0	0	0	0	0	24	24	25	24	24	24	25
KNRG	HY03	21	22	22	22	22	23	23	22	38	37	37	37	38	37	23	24	21	23	23	22	22	22	23	23
LPIA	HY01	20	20	20	20	20	20	18	18	18	18	18	17	17	17	19	19	19	19	19	19	19	20	20	20
LPIA	HY02	21	21	21	20	20	20	19	19	19	19	19	18	18	18	19	19	19	19	19	19	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	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
PGAU	HY03	21	21	21	21	21	21	21	21	21	21	21	21	21	21	21	21	83	82	82	82	82	83	82	82
PGAU	HY04	20	20	21	20	20	21	21	20	21	20	21	21	21	19	21	21	20	82	81	82	82	81	82	81
SIHY	HY02	50	50	50	50	50	50	50	50	50	50	50	50	50	50	30	30	30	30	30	30	30	30	50	50
SIHY	HY03	50	50	50	50	50	50	50	50	50	50	50	50	50	50	30	30	30	30	30	30	30	50	50	50
SYPS	HY01	25	25	25	25	25	25	25	25	25	0	0	0	0	0	0	0	25	25	25	25	17	17	17	25
SYPS	HY03	25	25	25	25	25	25	25	25	25	0	0	0	0	0	0	0	25	25	25	25	17	17	17	25
SYPS	HY04	25	25	25	25	25	25	25	25	25	0	0	0	0	0	0	0	25	25	25	25	17	17	17	25
TMGR	HY01	40	44	42	76	86	85	56	72	43	86	83	40	84	42	46	42	82	36	68	87	84	84	55	40
TMGR	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
TMGR	HY03	31	33	33	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TMGR	HY04	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1
UJLI	HY01	88	96	98	101	-1	-1	-1	-1	-1	-1	95	91	-1	-1	-1	-1	94	134	111	88	86	85	99	91
UJLI	HY02	-1	-1	-1	-1	-1	-1	-1	-1	-1	91	74	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1
UPIA	HY01	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	5	5	5	5	5	5	5	5
UPIA	HY02	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	4	4	4	4	4	4	4	4
Total Hydro		564	582	584	597	504	438	408	420	391	450	537	478	466	407	230	201	336	189	227	249	340	382	328	441
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	1	2	6	7	10	16	23	22	14	20
BKLS	LSS1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	6	11	17	21	25	23	25	26	31
BSLS	LSS1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	5	12	18	21	22	27	25	25	32
CHLS	LSS1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	3	5	6	10	12	15	15	13	13
GELS	LSS1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	4	6	18	19	23	13	28	30	19
GNLS	LSS1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	3	10	18	22	28	34	37	34	42
JELS	LSS1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	4	8	13	16	17	24	26	26	21
JSLs	LSS1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	6	5	4	7	11	12	11	13	16
KDLS	LSS1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	5	10	17	34	50	59	63	67	79
KKLS	LSS1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	8	15	22	25	27	29	29	42	35
KMLS	LSS1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	3	8	13	18	21	22	24	22	23
KRLS	LSS1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4	7	11	16	22	26	27	30	30	27
MCLS	LSS1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	6	13	19	30	22	26	45	47	50
PKLS	LSS1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	11	22	26	58	31	46	72	99	67	88
SPLS	LSS1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	6	11	15	18	22	20	18	17	20
SSLS	LSS1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	2	4	17	20	22	28	30	39	33
STLS	LSS1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	5	9	12	16	12	12	27	28	14
TBLS	LSS1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	8	12	25	27	28	22	30	29	30
Total LSS		0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	13	67	139	247	377	393	453	537	591

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	
PCUF	CUFG	28	29	28	29	28	28	28	28	28	28	27	28	28	29	29	28	27	29	28	29	29	28	28	27	27	28	28	29	28	28	29	28	28	29	28	29	28	28	29	28	28	27	28	27	28	28		
PCUF	CUFK	26	26	26	26	26	26	25	27	27	26	26	26	25	27	27	26	24	27	27	26	24	25	25	24	24	25	26	26	27	25	26	26	25	26	25	26	26	25	26	26	26	26	27	26	25	26		
Total Co-Gen		54	55	54	55	54	54	53	55	55	54	53	54	53	56	56	54	51	56	55	55	53	53	53	51	51	53	54	55	56	53	54	55	54	54	53	55	54	54	53	55	54	54	53	55	53	53	54	
Total Gen		15537	15170	14865	14571	14349	14174	13894	13775	13608	13661	13640	13626	13733	13773	13501	13523	14024	15108	15527	16000	16263	16596	16759	16833	16622	16354	16355	16710	17001	17395	17460	17503	17582	17412	16948	16642	16475	16345	16403	16712	17089	17263	17251	17138	16811	16621	16417	16233
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			
TIE-HVDC		30	30	30	30	30	29	29	30	30	30	30	30	30	30	29	29	30	30	30	30	30	30	31	31	30	30	30	30	31	30	30	30	31	31	30	30	31	31	30	30	30	30	30	31	31			
TIE-PLTG		33	29	37	10	18	20	35	41	34	31	83	62	46	51	-19	30	64	91	-1	-3	3	18	14	36	5	-9	-73	-1	-55	-22	45	40	56	-24	7	0	29	13	13	48	6	27	3	-40	55	18	39	14
Interconnection		63	59	67	40	48	49	64	70	64	61	113	93	77	81	11	59	93	121	29	27	33	48	44	67	35	20	-43	29	-26	9	75	70	85	6	37	31	60	43	44	79	36	57	33	-10	84	47	70	44
System Total		15474	15111	14798	14531	14301	14125	13830	13705	13544	13600	13527	13533	13656	13692	13490	13464	13931	14987	15498	15973	16230	16548	16715	16766	16587	16334	16398	16681	17027	17386	17385	17433	17497	17406	16911	16611	16415	16302	16359	16633	17053	17206	17218	17148	16727	16574	16347	16189
SRev ST-Coal		291	413	558	698	832	875	912	919	915	1053	981	979	992	993	1026	1020	987	861	745	872	892	812	908	757	659	659	665	675	659	684	651	624	621	611	623	610	607	615	619	625	601	649	649	641	643	648	643	678
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		
SRev CCGT-Gas		1352	1273	955	883	848	850	854	858	884	836	875	924	809	852	939	926	799	487	475	283	217	226	221	290	466	598	598	268	202	207	231	228	215	223	287	214	218	491	347	319	190	213	219	210	313	205	219	162
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	
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	
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	
Syncon		489	489	489	489	676	676	676	676	676	676	489	489	489	489	676	676	489	676	676	676	489	489	489	489	489	489	489	489	489	302	214	214	214	214	214	214	302	302	302	302	302	302	302	302	302	489	677	
Hydro		552	534	532	442	349	311	341	329	358	299	399	458	395	454	344	373	425	385	347	325	421	379	433	470	472	475	471	502	452	325	457	448	400	446	515	480	448	366	445	460	305	432	371	391	461	380	278	180
S.Reserve Total		2684	2709	2534	2512	2705	2712	2783	2782	2833	2864	2744	2850	2685	2788	2985	2995	2700	2409	2243	2156	2019	1906	2051	2006	2086	2221	2223	1934	1802	1518	1553	1514	1450	1494	1639	1518	1575	1774	1713	1706	1398	1596	1541	1544	1719	1535	1629	1697