

Daily System Generation Summary on Friday

Friday, March 4, 2022

Availability at Daily Maximum Demand Hour

ST-Coal	0 MW
ST-Gas	0 MW
ST-Oil	0 MW
Hydro	1,875 MW
Distillate	0 MW
Total TNB	1,875 MW
Total IPP	17,135 MW
Total Co-Gen	0 MW
Total System	23,289 MW

Generation Mix

Type	MWh	Percentage
Hydro	19,731	5.50 %
Gas	51,387	14.33 %
Total TNB	71,118	19.83 %
ST-Coal	206,362	57.53 %
LSS	3,457	0.96 %
Gas	75,692	21.10 %
Total IPP	285,511	79.60 %
Co-Gen	1,228	0.34 %
Total Co-Gen	1,228	0.34 %
Total Generation	357,857	99.77 %
PLTG	-122	-0.03 %
HVDC	-701	-0.20 %
Interconnection	-823	-0.23 %
Net Energy	358,680	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	18,530 MW
TNB Generation	3,663 MW
IPP Generation	13,046 MW
Spinning Reserve	1,769 MW
Maximum Demand	16,794 MW
Net Energy	358,680 MWH
Load Factor	88.99 %

Fuel Cost

Average Spinning Reserve During Peak Hour

Type	MW
GT	1,493
Hydro	330
Syncon	135
Thermal	237
Total	2,195

Time	Weather	Temperature
Afternoon	Hot	33
Morning	Sunny	23

Gas Usage

Station	(mmcsfd)
GLGR	52
TJGS	166
Total TNB	218
CBPS	46
EMPP	273
NPRI	0
PCGP	47
PGLA	72
PLPS	56
SKSP	5
SPGP	132
Total IPP	631
Total Gas	849
Total Gas Required	849

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	14826	14163	13708	13251	13015	12814	12763	12969	13325	14695	15464	15966	15958	15562	15941	16521	16794	16569	15621	15563	16337	16019	15359	15077

Prepared By: -Select Name-

Checked By: -Select Name-

Printed on: Tuesday, April 5, 2022 10:22:53 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	U001	695	696	693	694	695	695	694	695	696	695	696	697	695	695	694	694	695	696	695	696	697	699	695	696	695	695																								
JMAH	U002	696	699	701	697	695	693	695	694	695	695	695	697	698	699	696	693	696	698	698	694	662	605	598	696	699	698	698	696	693	696																				
JMHE	U002	984	933	901	908	900	890	850	850	849	849	853	850	852	850	850	852	852	963	978	983	979	976	981	977	979	976	976	981	978	979																				
JMJG	U001	590	545	542	548	546	547	549	541	546	492	497	493	497	498	502	539	547	553	545	551	546	546	547	596	598	643	640	649	663	675	673	671	673	670	672	670	671	653	634	612	601	597	597	543	503	503	447			
JMJG	U002	593	548	546	551	551	551	548	551	551	506	509	509	514	509	506	550	553	551	545	551	549	552	552	596	600	646	651	650	641	673	677	672	670	668	669	669	670	646	633	618	602	599	597	545	508	513	472			
JMJG	U004	873	918	912	900	899	901	855	854	848	849	845	848	848	849	850	848	848	849	882	898	900	900	899	900	899	899	900	900	899	897	882	856	857	857	856	857	860	878	934	983	978	977	976	975	976	976	978	977		
JMJG	U005	972	933	896	906	903	895	849	848	851	849	851	851	850	848	850	849	847	851	932	970	975	973	969	972	970	971	972	969	970	973	971	972	973	972	970	972	975	973	973	971	968	973	971	969	971	969	971	972	972	973
PKLG	U003	279	280	279	281	282	283	282	278	281	281	283	282	282	281	282	283	282	280	277	278	280	280	281	279	277	280	278	281	280	280	281	275	278	278	278	276	278	272	210	153	256	275	277	280	279	276	278			
PKLG	U004	276	274	276	276	278	275	273	273	275	274	277	275	277	275	276	276	276	276	275	276	274	275	274	271	272	274	275	274	275	275	277	272	274	275	272	274	275	274	203	132	241	260	274	276	277	268	277			
PKLG	U006	446	447	448	449	444	436	446	449	452	449	447	435	446	450	446	448	449	449	448	449	448	449	448	447	449	448	447	449	448	445	449	448	445	449	448	449	448	449	448	449	448	442	442	446	446	446				
TBIN	U001	686	687	687	688	685	687	687	687	686	687	688	686	686	688	691	686	686	689	690	689	689	687	690	689	689	688	689	688	692	689	689	688	690	686	686	686	686	689	689	689	687	690	687	689	688	688	687	689		
TBIN	U003	691	686	691	692	690	694	690	689	692	691	691	690	688	691	692	692	690	693	689	690	690	691	695	688	690	690	692	690	690	691	692	689	691	691	691	692	690	691	696	689	691	691	690	690	689	691	687	693		
TBIN	U004	940	942	907	904	904	898	852	853	853	851	852	851	851	854	852	851	853	852	914	939	940	940	942	942	939	940	944	941	943	941	941	941	941	940	940	940	942	939	943	940	941	943	942	941	940	940	940	939	939	
Total ST-Coal		8721	8588	8479	8494	8472	8445	8270	8262	8273	8169	8185	8173	8172	8185	8193	8262	8271	8288	8562	8653	8662	8663	8669	8753	8757	8845	8862	8850	8907	8917	8892	8867	8857	8856	8849	8863	8860	8884	8836	8574	8402	8779	8821	8829	8719	8649	8631	8561		
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	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	0
CBPS	BLK2	219	221	226	224	225	228	223	223	222	222	223	223	223	223	230	362	354	354	354	347	319	354	361	361	361	364	364	362	362	364	362	362	354	361	354	361	357	362	355	362	361	362	348	224	224					
EMPP	BLK1	684	682	597	535	495	545	547	505	497	513	452	500	428	430	411	403	447	527	557	558	655	710	697	680	655	656	672	707	668	689	709	710	709	709	710	708	701	710	697	704	710	709	709	710	704	712	695	709		
EMPP	BLK2	684	682	598	533	495	545	544	507	497	513	452	449	428	430	412	404	447	527	557	557	655	711	697	681	655	656	675	707	668	685	709	711	710	709	709	709	701	710	698	704	710	709	711	710	704	710	695	709		
EMPP	BLK3	657	682	597	537	544	546	543	507	497	512	453	449	428	429	414	404	411	526	556	556	657	710	697	681	655	656	674	708	668	693	708	709	710	709	709	709	701	711	697	704	710	709	709	710	703	710	695	550		
GLGR	GT01	68	68	69	69	69	67	66	69	69	68	69	68	70	69	67	68	69	66	69	69	68	69	68	105	103	104	104	102	105	103	104	105	103	102	103	106	103	104	104	103	106	103	104	104	103	105	103	105		
GLGR	GT02	68	68	68	68	68	68	68	68	68	68	68	68	68	68	68	68	68	68	68	68	68	67	67	105	103	103	104	103	104	103	104	104	103	103	103	103	103	103	104	104	103	104	103	104	103	104	104			
GLGR	ST1C	71	71	71	71	71	71	71	71	71	71	71	71	71	71	71	71	71	71	71	71	71	71	90	93	94	94	94	94	95	94	94	94	94	94	94	93	93	93	93	93	93	93	93	93	93	93				
NPRI	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	
PCGP	PGRG	395	301	260	261	267	261	262	263	261	263	267	262	265	272	262	260	260	261	263	261	262	262	261	260	262	262	261	260	260	260	260	261	262	259	259	261	261	261	507	408	261	261	259	260	262	262	261			
PGLA	GT11	162	162	164	164	166	163	164	164	164	164	166	164	165	166	163	160	163	164	163	164	162	165	165	166	190	169	172	169	172	173	218	218	218	217	171	167	170	167	169	173	218	169	167	167	169	164	169			
PGLA	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	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
PGLA	ST10	89	89	88	88	88	88	88	88	88	88	88	89	88	89	89	89	88	90	90	90	90	90	90	90	84	196	230	200	203	200	203	203	236	237	240	204	205	204	208	201	205	204	238	202	204	203	202	132	139	
PLPS	GT11	130	133	132	133	133	132	133	133	134	132	133	132	133	133	132	133	133	133	132	133	132	133	132	143	143	142	143	137	138	139	139	136	137	139	139	139	138	134	138	133	139	137	138	138	137	137	134	138		
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	62	143	143	144	147	145	147	146	147	142	146	142	146	146	146	146	146	146	145	142	146	
PLPS	ST18	60	60	58	57	58	58	57	57	58	57	59	58	58	57	57	57	57	58	57	56	57	60	62	61	61	60	61	57	143	142	143	143	143	143	143	143	143	140	144	141	144	143	144	143	143	143	144	144	142	
SKSP	BLK1	248	246	250	248	157	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	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	726	726																																																

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	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	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	HY01	33	33	33	33	33	33	33	33	33	33	24	24	33	33	33	33	33	33	33	33	0	0	0	0
KNRG	HY02	36	36	36	36	36	35	36	36	36	36	24	24	36	36	35	35	35	35	35	35	0	0	0	0
KNRG	HY03	35	35	35	35	35	35	35	35	35	35	21	22	35	35	35	34	35	34	34	34	22	22	22	21
LPIA	HY01	0	0	0	0	0	9	15	15	12	12	12	12	12	12	5	5	0	0	0	0	0	0	0	0
LPIA	HY02	27	27	27	27	27	25	21	21	21	21	21	21	21	21	25	25	25	25	25	25	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	21	0	0	0	0	0	0	0	20	19	19	19	21	21	111	111	111	111	111	111	110	111	110	110
PGAU	HY03	82	81	82	82	21	21	21	21	22	21	21	21	20	21	112	112	113	113	112	112	112	112	112	82
PGAU	HY04	81	80	80	40	21	21	21	21	21	21	21	21	22	21	112	111	111	111	111	111	110	111	110	110
SIHY	HY01	30	30	30	30	30	47	47	31	0	0	0	0	0	0	0	0	0	0	0	0	30	49	47	47
SIHY	HY02	30	30	30	30	30	50	50	30	0	0	0	0	0	0	0	0	0	0	0	0	30	50	50	50
SIHY	HY03	30	30	29	30	30	50	50	30	0	0	0	0	0	0	0	0	0	0	0	30	50	50	50	50
SYPS	HY01	25	25	25	25	25	0	0	0	0	0	0	0	0	0	0	0	0	0	0	17	17	17	17	17
SYPS	HY03	25	25	25	25	25	0	0	0	0	0	0	0	17	17	17	17	17	17	17	17	17	17	17	17
SYPS	HY04	25	25	25	25	25	0	0	0	0	0	0	0	17	17	17	17	17	17	17	17	17	17	17	17
TMGR	HY01	85	85	85	85	84	85	34	34	34	34	34	34	83	84	84	84	85	84	84	82	34	34	86	34
TMGR	HY02	87	87	6	0	0	0	0	0	0	0	0	0	0	0	0	36	36	36	36	35	33	34	34	86
TMGR	HY03	0	0	0	0	0	0	0	0	0	0	0	0	85	85	85	85	85	84	82	31	32	33	32	
TMGR	HY04	63	58	80	58	84	41	41	49	41	62	46	42	54	53	42	39	41	41	48	50	47	73	50	63
UJLI	HY01	87	88	91	91	93	92	90	92	93	-1	-1	-1	-1	-1	-1	89	93	146	148	149	148	142	138	85
UJLI	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
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	5	5	5	5	5	5	4	4	4	4	4	4	4	4	5	5	5	5	5	5	5	5	5	5
Total Hydro		898	872	815	749	696	634	587	544	446	369	374	332	347	381	370	416	422	868	912	1005	1001	1028	1005	1009
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	2	4	5	15	18	20	24	19	22	22	19
BKLS	LSS1	0	0	0	0	0	0	0	0	0	0	0	0	1	2	7	14	25	25	16	13	21	24	30	27
BSLS	LSS1	0	0	0	0	0	0	0	0	0	0	0	0	1	4	7	17	16	16	16	21	22	32	32	19
CHLS	LSS1	0	0	0	0	0	0	0	0	0	0	0	0	2	5	10	26	26	19	21	31	24	26	26	29
GELS	LSS1	0	0	0	0	0	0	0	0	0	0	0	0	1	2	4	4	6	10	10	3	8	14	17	15
GNLS	LSS1	0	0	0	0	0	0	0	0	0	0	0	0	2	6	10	16	10	29	35	29	33	43	42	34
JELS	LSS1	0	0	0	0	0	0	0	0	0	0	0	0	2	7	9	12	12	10	18	20	20	25	27	24
JSLS	LSS1	0	0	0	0	0	0	0	0	0	0	0	0	2	6	11	19	31	41	24	28	35	44	30	30
KDLS	LSS1	0	0	0	0	0	0	0	0	0	0	0	0	3	3	7	12	21	35	39	55	49	70	92	95
KKLS	LSS1	0	0	0	0	0	0	0	0	0	0	0	0	1	5	10	25	15	34	32	23	25	39	52	27
KMLS	LSS1	0	0	0	0	0	0	0	0	0	0	0	0	1	2	5	8	11	14	10	13	12	13	13	18
KRLS	LSS1	0	0	0	0	0	0	0	0	0	0	0	0	2	4	9	12	24	12	17	30	30	11	30	25
MCLS	LSS1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	4	16	27	27	34	29	17
SPLS	LSS1	0	0	0	0	0	0	0	0	0	0	0	0	2	6	14	15	25	39	36	37	39	29	22	29
SSLS	LSS1	0	0	0	0	0	0	0	0	0	0	0	0	1	4	8	15	19	32	37	29	28	27	29	26
STLS	LSS1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	6	13	17
TBLS	LSS1	0	0	0	0	0	0	0	0	0	0	0	0	1	2	2	0	2	8	13	15	8	13	22	21
Total LSS		0	0	0	0	0	0	0	0	0	0	0	0	3	3	27	70	130	233	278	360	354	380	436	510

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			
PCUF	CUFG	26	27	28	28	28	28	27	28	27	28	27	27	27	27	27	28	27	27	28	26	24	27	28	27	27	26	25	25	24	26	26	26	25	25	24	23	23	24	25	24	24	24	24	25	22	23				
PCUF	CUFK	25	25	26	27	26	26	25	25	25	23	26	24	26	25	25	25	27	25	26	26	25	23	25	25	24	24	26	26	25	24	26	25	25	29	25	25	25	25	25	25	26	24	24	26	24	25				
Total Co-Gen		51	52	54	55	54	54	53	52	53	50	54	51	53	53	52	52	54	52	54	53	52	51	51	49	51	52	52	50	52	51	50	48	52	51	51	54	49	48	48	49	50	49	50	48	48	51	46	48		
Total Gen		14788	14565	14105	13868	13641	13483	13258	13096	12974	12843	12739	12690	12757	12957	12963	13098	13240	14166	14639	15052	15398	15692	15920	16046	15918	15762	15512	15739	15912	16250	16481	16604	16761	16749	16564	16057	15643	15424	15557	16302	16304	16208	15987	15731	15334	15156	15031	14734		
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		-29	-29	-28	-28	-29	-29	-29	-29	-31	-31	-28	-30	-28	-29	-29	-28	-28	-30	-30	-29	-29	-29	-29	-29	-29	-30	-30	-29	-30	-30	-30	-30	-30	-30	-29	-29	-29	-29	-30	-30	-29	-29	-29	-29	-29	-29	-29			
TIE-PLTG		-9	38	-30	-47	-38	-9	35	-30	-12	-15	-45	-30	24	7	23	13	-57	10	-27	-77	-37	-9	-18	-21	-10	8	-20	-14	0	23	-10	-35	-3	11	24	67	51	-13	25	58	-4	1	-3	14	5	-16	-16	-30		
Interconnection		-38	10	-58	-75	-67	-38	7	-59	-41	-45	-75	-58	-6	-21	-6	-15	-85	-19	-56	-107	-66	-38	-46	-49	-40	-21	-50	-44	-29	-5	-40	-65	-33	-19	-5	38	22	-42	-6	28	-33	-28	-32	-15	-25	-46	-46	-59		
System Total		14826	14555	14163	13943	13708	13521	13251	13155	13015	12888	12814	12748	12763	12978	12969	13113	13325	14185	14695	15159	15464	15730	15966	16095	15958	15783	15562	15783	15941	16255	16521	16669	16794	16768	16569	16019	15621	15466	15563	16274	16337	16236	16019	15746	15359	15202	15077	14793		
SRev ST-Coal		271	342	524	515	534	549	591	593	583	586	578	589	599	579	575	590	536	528	342	258	242	244	239	248	250	206	189	201	144	134	159	144	154	155	162	148	151	217	265	414	449	317	294	284	288	281	287	260		
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		1486	1551	1826	2013	2164	1883	1885	1995	2031	1978	2407	2399	2548	2615	2608	2588	2487	2065	1972	1845	1548	1363	1343	1329	1582	1786	2067	2115	1962	1791	1423	1285	1289	1287	1283	1497	1756	1912	1711	969	844	1291	1455	1732	1752	1866	1949	2231		
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	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	0
Syncon		126	126	126	126	126	126	126	126	126	313	313	313	313	313	313	313	126	126	126	126	126	126	126	126	126	126	126	126	126	126	126	126	126	126	126	126	126	126	126	126	126	126	126	126	126	126	126	126	126	
Hydro		483	359	416	395	448	435	502	545	493	383	528	570	555	521	532	486	491	319	305	299	303	276	299	295	323	476	459	319	452	315	317	434	200	122	277	389	488	373	439	284	233	258	358	455	522	519	538	485		
S.Reserve Total		2453	2615	2979	3223	3446	3167	3278	3433	3407	3434	4000	4045	4189	4202	4202	4151	4001	3125	2852	2548	2239	2029	2027	2018	2301	2594	2841	2761	2684	2366	2025	1989	1769	1690	1848	2248	2609	2716	2541	1793	1652	1992	2233	2685	2776	2880	2988	3190		