

Daily System Generation Summary on Monday

Monday, November 7, 2022

Availability at Daily Maximum Demand Hour

ST-Coal	0 MW
ST-Gas	0 MW
ST-Oil	0 MW
Hydro	2,462 MW
Distillate	0 MW
Total TNB	2,462 MW
Total IPP	19,830 MW
Total Co-Gen	0 MW
Total System	25,733 MW

Generation Mix

Type	MWh	Percentage
Hydro	19,002	5.29 %
Gas	47,541	13.25 %
Total TNB	66,543	18.54 %
ST-Coal	199,031	55.46 %
LSS	6,149	1.71 %
Gas	86,118	24.00 %
Total IPP	291,298	81.17 %
Co-Gen	583	0.16 %
Total Co-Gen	583	0.16 %
Total Generation	358,424	99.87 %
PLTG	1,105	0.31 %
EGAT	5	0.00 %
HVDC	-1,574	-0.44 %
Interconnection	-464	-0.13 %
Net Energy	358,888	100.00 %

Maximum Demand Record

Date: 5/24/2022	19,183 MW
Date: 5/24/2022	398,523 MWH

Set On Bus, TNB, IPP And MD

Daily Maximum Demand Hour at:	16:30:00 Hour
Total Set On Bus	18,369 MW
TNB Generation	3,590 MW
IPP Generation	13,720 MW
Spinning Reserve	1,036 MW
Maximum Demand	17,336 MW
Net Energy	358,888 MWH
Load Factor	86.26 %

Fuel Cost

Total Cost:	125,082,989.98 RM
Cost per Unit	34.90 cents/kWH

Average Spinning Reserve During Peak Hour

Type	MW
GT	625
Hydro	553
Syncon	388
Thermal	309
Total	1,875

Time	Weather	Temperature
Afternoon	Cloudy	32
Morning	Rainy	30

Gas Usage

Station	(mmcsfd)
GLGR	51
TJGS	96
Total TNB	146
CBPS	43
EMPP	267
NPRI	132
PCGP	82
PLPS	39
SPGP	178
Total IPP	741
Total Gas	887
Total Gas Required	887

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	13445	12871	12416	12065	11899	11834	12216	12419	13270	14999	15869	16244	16264	16028	16696	17204	17320	16990	16073	16520	17041	16621	16260	15645

Prepared By: -Select Name-

Checked By: -Select Name-

Printed on: Monday, December 5, 2022 12:45:36 PM

(Ir. Shanmugam Thoppalan)
Head
Grid System Operator

Daily MW Generation on Monday

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	427	247	215	215	214	214	213	214	214	213	214	213	352	523	708	706	705	704	703	706	697	707	707	703	707	704	705	702	705	704	704	705	702	706	704	712	705	706	706	705	705	699	577	617	702							
JMHE	U001	900	849	847	853	850	851	846	855	849	851	854	851	846	852	846	850	851	873	970	980	979	980	978	978	979	980	979	979	981	978	976	982	980	984	980	981	982	980	980	980	982	981	981	980	980	980	981	974	982	975	972	973
JMHE	U002	900	852	846	852	851	854	849	850	850	853	853	850	846	852	849	848	853	864	975	979	981	978	977	979	981	978	976	982	980	984	980	981	982	980	980	980	980	982	981	981	980	980	980	981	974	982	975	972	973			
JMJG	U001	679	678	682	677	677	682	672	679	674	678	679	679	679	680	678	682	680	678	671	667	672	676	670	668	668	673	669	672	673	669	673	673	672	671	672	673	673	672	671	675	674	673	672	671	671	672	672	672	672			
JMJG	U002	677	675	681	671	676	671	676	676	674	673	672	669	678	675	671	675	672	675	672	674	673	673	674	672	669	680	674	674	673	674	676	674	675	674	677	671	677	674	677	673	677	676	671	676	681	672	671	673				
JMJG	U003	672	674	668	670	672	671	667	687	660	673	672	666	678	667	674	672	663	671	688	690	656	679	673	666	675	673	673	671	673	668	672	669	672	673	667	677	666	676	671	674	673	669	674	667	674	671	673	674				
JMJG	U004	901	884	850	854	853	851	854	854	856	853	854	855	857	855	856	855	859	917	973	972	972	974	971	973	973	972	973	972	971	971	972	972	971	972	970	971	973	970	971	972	972	972	971	971	973	974	974	972				
JMJG	U005	900	859	852	851	848	854	854	849	853	849	851	852	849	849	852	847	857	981	980	978	979	980	977	977	975	977	981	977	972	977	978	976	976	977	975	981	977	976	978	974	977	977	977	977	972	974	977					
PKLG	U003	150	151	150	150	151	150	151	148	151	152	151	151	150	152	151	151	151	151	151	150	150	151	150	153	149	149	150	150	150	150	151	150	150	150	150	150	150	150	149	149	150	150	151	151	151	150	150					
PKLG	U004	154	154	153	156	121	50	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0					
PKLG	U005	272	267	268	267	269	268	268	271	269	269	269	269	268	269	268	267	271	269	268	271	267	269	269	269	268	267	269	267	269	267	269	267	268	269	267	269	267	267	269	268	271	269	268	271	268	271	268					
PKLG	U006	269	268	268	269	269	269	269	267	269	268	268	269	268	269	270	269	269	267	269	267	269	269	269	269	269	267	269	267	269	267	270	269	269	248	272	267	251	236	245	253	269	280	276	269	274	269	269	268	268			
TBIN	U001	629	683	701	604	392	224	210	212	210	211	209	211	211	212	210	210	271	473	679	699	699	696	528	359	313	209	210	208	210	211	211	210	211	208	210	208	211	314	477	677	698	699	698	698	697	698	698	527				
TBIN	U002	214	217	213	218	216	217	216	217	216	215	216	216	219	215	218	328	459	454	491	542	502	517	604	693	701	702	701	702	701	701	702	702	703	701	699	703	702	701	700	702	699	701	707	703	701	699	703					
TBIN	U003	211	216	211	213	213	214	213	213	215	214	214	212	214	214	214	213	213	369	625	695	740	700	702	701	702	698	711	700	701	702	698	702	701	703	701	700	698	702	701	700	702	696	707	697	697	463	321					
Total ST-Coal		7955	7674	7605	7520	7272	7040	6958	6992	6958	6975	6974	6966	6974	6976	7106	7281	7646	8197	8824	9147	9237	9273	9050	8976	9021	8932	8928	8938	8925	8928	8937	8907	8940	8921	8907	8790	8660	8605	8728	8926	8954	8942	8938	8943	8945	8795	8606	8378				
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	195	200	191	197	189	201	192	186	194	199	197	201	195	203	193	198	202	202	201	200	200	201	201	198	193	201	196	203	360	361	361	363	365	365	356	357	361	360	367	359	358	357	353	356	357	358	360	350				
EMPP	BLK1	403	410	396	408	394	411	402	389	405	409	412	410	427	411	402	411	410	517	515	410	411	583	712	690	682	578	690	712	702	711	708	712	720	717	691	702	710	710	724	696	704	695	685	692	694	708	711	674				
EMPP	BLK2	403	411	396	409	393	410	401	390	405	410	412	412	406	412	402	411	410	712	710	495	680	710	712	690	682	709	690	710	698	711	709	712	720	717	692	696	711	709	724	697	701	695	685	693	694	709	711	677				
EMPP	BLK3	403	410	396	409	393	410	402	390	405	409	413	411	405	601	400	412	517	712	710	697	710	712	690	680	711	690	711	696	711	709	712	719	717	692	697	710	709	725	696	701	695	685	693	694	709	711	676					
GLGR	GT01	108	98	65	67	66	66	66	66	68	69	67	67	65	67	66	66	67	66	66	67	65	67	67	66	66	66	67	65	99	104	104	104	104	105	105	105	106	106	104	105	104	105	104	105	93	67	67					
GLGR	GT02	107	97	65	66	66	66	66	66	66	66	66	66	66	66	66	66	66	67	66	67	66	66	66	66	66	66	66	66	99	103	103	103	102	103	102	103	103	103	103	103	103	103	103	90	64	65						
GLGR	ST1C	97	93	72	70	70	71	70	70	71	71	70	70	71	71	70	70	70	70	70	70	70	70	70	70	70	71	70	86	93	94	94	94	94	94	94	94	94	94	94	94	94	94	94	91	72	70						
NPRI	BLK1	301	307	296	306	295	313	301	292	301	306	309	310	302	311	298	307	310	313	309	310	308	311	515	514	505	310	389	517	514	515	517	519	521	523	511	513	514	515	528	513	513	510	505	509	509	513	514	503				
NPRI	BLK2	300	308	295	305	295	311	301	292	300	307	304	311	304	311	298	305	313	310	311	312	306	311	313	445	300	310	343	521	517	520	520	522	525	526	514	515	519	518	532	516	518	512	511	514	513	517	517	506				
PCGP	PGRG	582	595	572	401	467	403	401	401	402	403	405	404	468	604	578	407	402	406	403	604	597	602	603	588	578	602	587	608	599	604	606	609	619	616	590	594	599	601	631	596	595	590	583	589	594	597	598	575				
PLPS	GT11	128	129	128	128	129	128	128	128	128	128	128	128	127	128	129	129	128	128	137	138	139	138	137	141	115	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0					
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	62	111	124	124	138	138	139	139	141	140	142	141	141	144	144	146	143	141	146	140	144	145	140	
PLPS	ST18	58	58	59	58	58	58	58	57	57	57	57	57	57	58	58	58	58	58	58	59	59	59	59	61	57	131	60	62	60	62	61	61	61	61	61																	

Daily MW Generation on Monday

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	HY02	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	0	0	0	0	0	0	0	0	63	-1	-1	-1	-1	-1
HTRG	HY03	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-1
KNRG	HY01	36	36	36	36	36	36	36	36	36	36	36	36	36	36	36	36	36	36	36	36	36	36	36	0
KNRG	HY03	38	38	38	38	38	38	38	38	38	38	38	38	38	38	38	38	38	38	38	38	38	38	38	7
KNYR	HY01	95	94	94	94	94	94	94	94	94	95	94	94	94	0	0	0	0	0	99	98	98	98	98	98
KNYR	HY02	95	95	95	95	95	95	95	95	95	95	95	95	95	0	0	0	0	0	100	103	103	103	103	103
KNYR	HY03	100	100	99	99	98	98	97	97	97	98	98	99	99	100	100	100	100	100	99	98	98	97	97	100
KNYR	HY04	101	101	101	100	100	101	100	100	101	101	101	101	101	101	101	101	102	101	102	101	101	101	101	101
LPIA	HY01	24	24	24	24	24	24	24	24	24	24	24	22	22	22	23	23	24	24	24	24	24	24	24	24
LPIA	HY02	24	24	24	24	24	24	24	24	24	24	20	20	20	21	22	22	23	24	23	23	23	23	23	23
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	22	-1	-1	-1	-1	-1	-1	-1	-1	20	-1	-1	20	20	19	20	19	80	80	80	80	80	80	-1
PGAU	HY02	-1	-1	-1	-1	-1	-1	-1	-1	-1	20	21	21	20	19	20	20	19	19	123	122	122	122	123	-1
PGAU	HY03	0	0	0	0	0	0	0	0	0	0	0	0	20	20	19	20	19	19	19	20	20	81	82	0
PGAU	HY04	0	0	0	0	0	0	0	0	0	0	0	0	21	21	20	19	20	19	20	20	20	81	81	0
SIHY	HY01	51	51	33	0	0	0	0	0	0	0	0	0	0	0	0	0	30	50	50	50	50	51	51	51
SIHY	HY02	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	50	51	50	50	50	50	50	0
SYPS	HY01	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	17	17	17	17	17	17	0	0
SYPS	HY03	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	17	17	17	17	17	17	0	0
SYPS	HY04	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	17	17	17	17	17	17	0	0
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	-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	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TMGR	HY04	41	43	40	43	38	44	39	36	40	41	41	42	42	40	42	82	82	42	41	42	48	79	41	39
UJLI	HY01	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	89	92	92	102	130	154
UJLI	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
UPIA	HY01	5	6	5	5	5	5	6	6	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
UPIA	HY02	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
Total Hydro		687	666	643	612	606	613	607	604	608	608	611	612	633	613	626	654	695	533	490	496	494	498	532	555
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	1	3	7	16	14	15	18	21	17	19	13	15
BKLS	LSS1	0	0	0	0	0	0	0	0	0	0	0	0	0	4	8	16	19	24	28	19	32	20	25	29
BSLS	LSS1	0	0	0	0	0	0	0	0	0	0	0	0	0	3	0	6	24	27	27	30	30	32	18	20
CHLS	LSS1	0	0	0	0	0	0	0	0	0	0	0	0	1	5	11	15	27	31	30	42	42	34	39	31
GBLS	LSS1	0	0	0	0	0	0	0	0	0	0	0	0	4	9	15	22	13	31	35	30	41	39	33	39
GNLS	LSS1	0	0	0	0	0	0	0	0	0	0	0	0	2	5	8	9	32	36	35	33	32	26	26	31
JELS	LSS1	0	0	0	0	0	0	0	0	0	0	0	0	2	8	17	16	14	20	27	21	20	21	29	27
JSLS	LSS1	0	0	0	0	0	0	0	0	0	0	0	0	1	4	8	18	15	21	18	17	24	32	32	50
KDLS	LSS1	0	0	0	0	0	0	0	0	0	0	0	0	7	0	19	53	76	51	86	90	87	55	66	59
KKLS	LSS1	0	0	0	0	0	0	0	0	0	0	0	0	1	3	1	10	27	34	41	42	46	46	30	30
KMLS	LSS1	0	0	0	0	0	0	0	0	0	0	0	0	1	2	0	7	15	25	25	30	30	26	23	21
KNLS	LSS1	0	0	0	0	0	0	0	0	0	0	0	0	2	9	19	29	44	65	53	87	100	100	100	100
KRLS	LSS1	0	0	0	0	0	0	0	0	0	0	0	0	0	3	5	8	13	17	20	30	30	27	19	28
MCLS	LSS1	0	0	0	0	0	0	0	0	0	0	0	0	2	15	19	32	27	33	43	49	33	51	51	51
MNLS	LSS1	0	0	0	0	0	0	0	0	0	0	0	0	5	49	42	69	86	86	72	61	92	92	92	93
PKLS	LSS1	0	0	0	0	0	0	0	0	0	0	0	0	0	10	25	25	41	87	46	52	88	66	110	110
SPLS	LSS1	0	0	0	0	0	0	0	0	0	0	0	0	3	9	17	18	37	42	21	52	32	29	18	52

Daily MW Generation on Monday

[illegible]