Daily System Generation Summary on Monday

Monday, December 18, 2023

Availability at Daily Maximum Demand Hour

ST-Coal	0 MW
ST-Gas	0 MW
ST-Oil	0 MW
Hydro	2,487 MW
Distillate	0 MW
Total TNB	2,487 MW
Total IPP	14,668 MW
Total Co-Gen	0 MW
Total System	21,157 MW

Generation Mix

Type	MWh	Percentage
Hydro	22,122	5.88 %
Gas	65,431	17.39 %
Total TNB	**87,553**	**23.27 %**
ST-Coal	214,300	56.97 %
LSS	6,045	1.61 %
Gas	68,860	18.30 %
Total IPP	**289,205**	**76.88 %**
Co-Gen	-1,337	-0.36 %
Total Co-Gen	**-1,337**	**-0.36 %**
Total Generation	**375,421**	**99.80 %**
PLTG	-60	-0.02 %
HVDC	-701	-0.19 %
Interconnection	**-761**	**-0.20 %**
Net Energy	**376,182**	**100.00 %**

Maximum Demand Record

Date: 5/11/2023	19,716	MW
Date: 5/11/2023	416,902	MWH

Set On Bus, TNB, IPP And MD

Daily Maximum Demand Hour at:	16:30:00 Hour
Total Set On Bus	19,208 MW
TNB Generation	4,720 MW
IPP Generation	13,424 MW
Spinning Reserve	1,141 MW
Maximum Demand	18,099 MW
Net Energy	376,182 MWH
Load Factor	86.60 %

Fuel Cost

Total Cost:	89,532,422.29 RM
Cost per Unit	23.71 cents/kWH

Average Spinning Reserve During Peak Hour

Type	MW
GT	400
Hydro	490
Syncon	392
Thermal	161
Total	**1,443**

Time	Weather	Temperature
Afternoon	Hot	33
Morning	Sunny	28

Gas Usage

Station	(mmscfd)
GLGR	29
SRDG	3
TJGS	191
Total TNB	**223**
CBPS	2
KLPP	99
NPRI	82
PCGP	88
PLPS	97
SGRI	107
SKSP	31
SPGP	208
Total IPP	**713**
Total Gas	**936**
Total Gas Required	**936**

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	14824	14164	13629	13208	12838	12732	12890	13303	13880	15639	16388	16823	16679	16529	17135	17717	17902	17828	16799	16931	17562	17225	16655	16375

Prepared By: -Select Name-

Checked By: -Select Name-

Printed on: Wednesday, December 20, 2023 9:26:30 AM

(Ir. Shanmugam Thoppalan)
Head
Grid System Operator

TENAGA NASIONAL BERHAD

Monday, December 18, 2023

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	U001	603	604	607	605	605	605	505	503	400	404	405	405	404	405	502	662	697	697	696	690	690	696	694	696	695	696	697	696	695	696	694	696	695	697	697	695	696	695	696	693	698	694	697	696	697	696	696	697
JMAH	U002	605	603	605	604	605	605	504	505	401	405	405	405	404	405	503	648	697	709	694	694	694	692	695	693	694	694	695	694	694	694	697	695	693	692	695	689	695	695	695	695	696	696	695	694	693	693	693	699
JMHE	U001	947	946	934	896	900	896	899	898	901	900	901	902	898	901	896	900	900	950	947	951	949	950	948	949	945	949	950	951	949	949	948	950	950	946	947	947	947	951	950	951	948	949	952	947	949	951	948	950
JMHE	U002	974	977	957	900	901	897	900	896	899	900	899	901	900	898	895	898	901	952	971	975	972	975	975	975	978	972	972	970	971	973	972	972	972	970	971	968	971	975	970	976	970	971	973	971	974	974	974	975
JMJG	U001	666	666	677	670	673	671	672	681	668	678	688	673	672	672	668	670	678	664	657	658	673	672	674	678	668	676	705	674	668	666	677	679	664	673	673	671	675	673	675	671	676	670	675	677	668	671	672	693
JMJG	U002	674	687	683	678	685	679	681	676	652	658	680	680	682	679	607	592	638	688	673	672	675	673	676	626	576	579	580	579	581	582	580	579	580	569	568	571	572	570	573	569	568	572	574	570	570	570	565	570
JMJG	U003	671	671	674	671	668	677	673	676	674	678	671	679	677	672	672	669	671	674	667	676	673	675	672	673	671	668	677	671	671	671	672	673	670	672	673	672	672	671	676	673	673	671	672	673	668	671	674	672
JMJG	U005	976	975	963	897	901	900	905	901	902	903	906	900	900	898	898	902	899	943	975	979	979	976	978	980	973	972	974	972	978	974	968	970	971	963	946	938	942	941	938	946	942	952	947	970	962	968	966	968
PKLG	U003	199	157	146	149	151	151	151	150	151	151	152	151	150	151	151	208	259	281	278	276	274	275	275	274	275	275	273	273	273	274	274	272	273	272	274	275	275	275	274	274	276	277	274	275	276	276	276	277
PKLG	U004	206	164	155	152	154	154	153	148	154	153	156	155	153	155	152	168	217	244	259	254	251	253	253	253	250	253	255	254	254	251	251	250	251	250	251	251	251	251	249	251	251	248	253	257	254	253	252	251
PKLG	U005	350	268	269	269	270	271	270	270	269	268	271	270	269	268	270	318	410	461	452	468	469	468	467	464	468	472	467	454	468	470	468	457	468	468	469	469	470	467	461	466	465	463	456	455	453	464	460	464
TBIN	U001	689	690	689	690	690	689	690	600	601	601	600	499	500	550	622	690	689	689	690	689	690	689	689	690	692	689	690	689	689	690	689	691	691	691	689	688	690	691	690	688	691	691	690	688	690	689	691	689
TBIN	U002	691	692	690	691	691	689	691	601	602	602	602	501	500	551	643	688	688	687	690	689	687	689	686	689	689	688	688	687	688	688	688	691	690	690	689	687	687	688	690	687	690	688	689	684	688	687	688	689
TBIN	U003	689	685	687	688	687	687	688	599	601	599	601	500	499	552	618	692	689	688	689	687	687	687	688	689	687	686	687	688	686	689	688	688	689	688	689	688	689	688	687	691	692	691	684	691	689	687	688	689
Total ST-Coal		**8940**	**8785**	**8736**	**8560**	**8581**	**8571**	**8382**	**8104**	**7875**	**7900**	**7937**	**7621**	**7608**	**7757**	**8097**	**8705**	**9033**	**9327**	**9338**	**9358**	**9363**	**9370**	**9370**	**9329**	**9261**	**9269**	**9310**	**9252**	**9265**	**9267**	**9266**	**9263**	**9257**	**9241**	**9231**	**9209**	**9232**	**9231**	**9224**	**9231**	**9236**	**9233**	**9231**	**9248**	**9231**	**9250**	**9243**	**9283**
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**
CBPS	BLK2	0	0	17	37	58	48	49	26	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	23	40	69	102	101
GLGR	GT02	110	95	95	95	95	95	95	95	95	95	95	95	95	95	95	95	95	95	95	95	95	95	95	95	95	95	96	95	95	95	95	95	95	95	95	95	95	95	95	95	95	95	95	95	95	95	95	95
GLGR	ST1C	47	42	42	42	42	41	42	41	41	41	41	41	41	41	41	42	42	42	42	42	42	42	42	42	42	42	42	41	42	42	42	42	42	42	42	42	42	42	42	42	42	42	42	42	42	41	42	41
KLPP	GT13	139	139	140	112	109	110	109	109	112	112	113	113	112	112	113	109	103	139	139	140	139	137	136	104	104	104	104	108	136	140	139	139	139	141	139	105	105	105	121	139	141	141	142	143	141	109	109	109
KLPP	GT14	156	88	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	9	66	156	154	153	154	121	121	125	124	128	155	156	156	155	156	155	156	123	122	122	134	150	144	145	141	147	147	116	114	115
KLPP	GT15	149	150	148	118	116	117	114	118	117	117	118	118	118	117	117	112	109	140	140	148	146	146	146	112	112	112	112	117	148	149	149	149	148	149	149	112	113	112	125	149	150	150	150	151	151	114	114	114
KLPP	ST17	214	204	145	134	133	133	132	133	134	134	133	134	134	134	134	131	129	145	144	214	214	214	214	195	195	197	196	199	214	214	213	213	212	212	212	192	193	194	199	214	211	212	212	213	213	193	194	194
NPRI	BLK1	529	528	529	525	523	521	519	522	530	529	531	529	529	528	523	521	461	520	527	529	530	526	519	524	523	520	520	520	518	520	518	518	518	517	512	519	520	521	519	521	524	525	512	526	523	529	528	529
PCGP	PGRG	604	605	606	598	585	583	581	579	602	602	601	599	601	601	593	586	603	586	599	602	605	597	584	604	591	604	599	617	603	615	602	604	580	587	578	597	596	603	600	616	598	591	567	602	585	601	592	605
PLPS	GT11	140	116	115	116	111	113	111	111	115	115	115	115	115	116	116	114	115	134	138	138	139	139	133	138	112	116	115	118	115	118	138	138	133	136	134	115	116	116	134	142	138	137	133	138	133	114	116	115
PLPS	GT12	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	31	146	144	141	143	117	119	120	122	118	122	142	141	139	140	136	118	119	119	137	146	142	142	136	141	138	119	118	119
PLPS	GT13	137	111	111	112	108	109	108	108	111	112	111	112	112	111	112	110	112	130	134	134	133	134	131	134	109	111	111	115	112	115	132	133	131	133	129	111	111	112	127	138	133	133	129	133	128	111	112	111
PLPS	ST18	143	132	132	134	130	131	130	133	133	133	134	133	134	134	135	133	134	142	141	142	208	209	209	210	198	199	198	200	197	201	210	209	210	211	210	198	197	197	203	209	212	211	208	211	209	197	198	198
SGRI	GT11	141	120	120	116	116	116	116	116	119	119	116	116	116	116	116	115	118	117	118	117	122	143	120	119	120	122	122	123	122	140	140	140	140	140	140	118	118	119	122	140	141	142	142	118	118	118	118	119
SGRI	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	51	136	136	139	140	141	142	111	111	112	111	143	144	146	146	111	111	111	111	111
SGRI	GT13	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	41	132	136	109	108	109	111	109	114	112	137	136	136	136	137	137	109	109	109	111	138	139	140	140	109	109	109	109	109
SGRI	ST14	69	66	67	67	68	65	65	66	66	67	65	66	66	67	66	65	65	69	65	60	141	148	133	135	134	136	135	139	131	199	199	198	199	200	199	183	184	183	183	198	199	200	201	184	183	184	182	184
SGRI	GT22	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	69	110	110	111	110	110	110	113	115	142	142	142	110	110	110	110	110
SGRI	GT23	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	68	68	38	38	69	144	118	118	118	122	119	124	121	124	119	118	118	118	118	118	118	118	118	122	146	147	143	118	118	119	119	119
SGRI	ST24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	9	22	34	64	60	61	60	61	59	62	61	61	58	52	128	130	130	130	129	129	131	130	143	144	142	129	129	129	129	128
SKSP	BLK1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	53	105	146	297	323	216	219	219	222	336	336	278	286	339	344	339	337	219	220	315	284	338	335	333	336	334	300	290	314
SPGP	BLK1	718	719	716	715	704	703	704	707	716	715	715	715	712	715	710	710	717	707	715	715	715	711	699	710	702	707	708	717	705	713	708	702	691	689	696	705	705	716	715	712	717	713	692	717	708	718	713	718
SPGP	BLK2	714	714	712	710	703	704	703	707	716	716	716	714	714	715	710	704	716	701	714	715	715	709	698	709	706	710	709	719	707	713	710	707	694	692	697	705	704	711	712	710	713	709	688	716	707	717	711	715
TJGS	GT1A	226	227	192	201	199	119	122	124	126	127	127	229	227	227	226	127	125	225	228	225	226	226	225	197	198	200	198	227	226	225	224	224	220	226	222	226	226	226	225	163	0	0	0	0	0	0	0	0
TJGS	GT1B	213	213	178	191	185	106	111	112	117	114	117	217	216	213	214	111	113	216	215	212	213	211	214	186	184	187	187	215	214	211	214	215	208	213	210	213	214	215	210	147	110	179	174	220	220	217	155	157
TJGS	ST1C	246	246	233	219	218	176	163	163	162	162	162	238	243	245	246	167	164	242	246	246	246	246	247	220	220	220	220	248	247	250	248	248	246	247	247	247	247	247	247	232	63	90	91	111	116	117	90	89
TJGS	GT2A	216	216	193	185	130	130	129	130	130	129	130	168	216	216	199	129	130	187	216	215	216	216	216	194	186	129	130	192	217	215	216	216	216	215	215	215	129	130	219	216	215	216	216	215	216	215	216	216
TJGS	GT2B	213	213	191	183	127	127	126	127	127	127	126	164	210	215	195	126	128	185	213	213	212	213	213	192	183	126	127	190	213	213	211	212	213	213	213	213	126	127	216	213	211	213	214	213	213	212	213	214
TJGS	ST2C	252	251	245	231	195	194	195	195	194	194	194	208	241	251	247	195	194	224	252	252	252	252	252	238	232	195	195	228	252	253	253	253	253	253	253	253	195	195	245	252	252	252	251	251	251	251	251	251
Total CCGT-Gas		**5376**	**5195**	**4927**	**4841**	**4655**	**4441**	**4424**	**4422**	**4463**	**4460**	**4460**	**4824**	**4952**	**4969**	**4908**	**4402**	**4441**	**5023**	**5194**	**5495**	**5949**	**6101**	**6105**	**5932**	**5687**	**5589**	**5574**	**5900**	**6168**	**6413**	**6386**	**6451**	**6554**	**6586**	**6561**	**6320**	**5973**	**6005**	**6429**	**6476**	**6203**	**6292**	**6182**	**6223**	**6188**	**6035**	**5951**	**6000**

TENAGA NASIONAL BERHAD

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	
SRDG	GT04	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	89	89	0	0	0	0	0	0
SRDG	GT05	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	91	129	90	0	0	0	0	0
Total 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**	**91**	**129**	**179**	**89**	**0**	**0**	**0**	**0**
BSIA	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	0	0	0	0	0	0	0	0	19	18	18	18	18	18	18	18	18	18	18	18	18	18
BSIA	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	0	0	0	0	0	0	0	0	24	23	23	23	23	23	23	23	23	23	23	23	23	23
BSIA	HY03	22	22	22	22	22	22	22	22	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	12	11	12	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22
CEND	HY01	10	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	6	7	6	6	6	6	7	6	7	7	7	6	6	6	6	6	6	6	6	7	7	7	6	6	6	6	6
CEND	HY02	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6
CEND	HY03	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	6	6	6	6	6	6	6	6	6	6	7	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6
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	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7
HTRG	HY01	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	69	68	68	68	0	0	0	0	0	0	0	0	0	0	0	0	69	68	68	0	0	0	63	68	69	69	69	0	0	0	0
HTRG	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	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	68	-1	-1	-1	-1	-1	-1	-1
HTRG	HY03	8	8	8	7	7	7	7	8	8	7	7	7	7	8	8	7	7	8	8	8	8	8	8	7	7	7	7	8	8	8	8	7	7	8	8	8	8	7	7	7	7	7	8	8	8	8	8	8
HTRG	HY04	3	4	4	3	3	3	3	3	3	3	3	3	3	4	4	4	4	3	3	3	3	4	4	3	3	3	3	3	3	3	3	3	3	3	3	4	4	3	3	3	3	3	3	3	4	4	3	3
KNRG	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	0	0	0	0	0	0	0	0	0	21	21	21	21	21	21	22	21	21	21	21	21	21	21	21
KNRG	HY02	23	23	23	22	22	22	22	22	23	23	23	22	23	22	22	22	22	22	22	22	23	22	22	23	22	23	23	23	23	23	23	23	22	22	22	22	22	22	23	22	22	21	22	22	22	22	22	22
KNRG	HY03	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22
KNYR	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	0	0	0	0	0	0	97	97	97	97	97	97	97	97	97	97	95	95	97	97	97	97	0
KNYR	HY02	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	99	98	60	98	98	98	98	-1	-1	-1	-1	98	98	98	98	98	98	98	98	98	98	97	95	95	97	97	-1	-1	-1
KNYR	HY03	58	59	59	60	57	54	56	57	59	60	58	58	59	57	59	57	58	58	99	100	60	99	97	97	99	55	55	55	56	56	55	52	52	53	52	51	55	52	54	54	101	94	94	100	98	101	98	99
KNYR	HY04	90	79	85	96	58	55	57	60	95	92	79	81	89	58	62	59	59	60	60	61	70	82	58	59	60	99	78	100	100	99	68	98	58	60	58	58	61	60	95	98	97	56	56	90	59	79	59	69
LPIA	HY01	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19
LPIA	HY02	21	21	21	21	21	21	21	21	21	21	21	21	21	21	21	21	21	21	21	21	21	21	21	21	21	21	21	21	21	21	21	21	21	21	21	21	21	21	21	21	21	21	21	21	21	21	21	21
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	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	18	20	20	20	20	20	20	20	20	20	20	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	81	81	80	80	80	80	81	111	111	111	111	112	112	111	111	111	112	111	111	111	110	110	109
PGAU	HY02	-3	0	0	0	0	0	0	0	0	0	0	0	0	-3	19	18	19	19	19	82	21	82	82	110	110	110	110	110	110	110	111	111	111	111	112	112	111	111	111	111	111	111	111	111	110	110	109
PGAU	HY03	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	18	-1	-1	-1	-1	-1	-1	-1	-1	-1	111	111	111	112	111	111	111	111	111	112	112	112	113	113	113	112	82	82	112	112	111	80	81	81	80	80	-1
PGAU	HY04	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	79	79	80	80	80	80	106	106	106	110	110	110	110	79	79	154	154	110	81	80	79	79	78	0
SIHY	HY01	50	50	50	50	50	50	50	50	50	50	0	0	0	0	0	0	0	50	50	50	50	30	30	30	30	30	30	30	30	30	30	30	50	50	50	50	50	0	0	50	50	50	50	50	50	30	30	30
SIHY	HY02	50	50	50	50	50	50	50	50	50	50	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	50	50	50	50	0	0	50	50	51	50	50	50	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	0	0	0	0	0	0	0	0	0	0	0	27	27	27	27	18	0	0	0	27	27	27	27	27	0	0	0
SYPS	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	0	0	0	0	0	0	0	0	25	25	25	25	17	0	0	0	25	25	25	25	25	0	0	0
SYPS	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	0	0	0	0	0	25	25	25	25	25	25	17	0	0	0	25	25	25	25	25	0	0	0	0
SYPS	HY04	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	25	25	25	25	25	25	17	0	0	0	25	25	25	25	25	0	0	0	0
TMGR	HY01	0	0	0	0	0	0	0	0	0	0	0	33	33	34	33	33	33	33	33	33	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	85	85	84	84	84	-1	-1	-1	-1	85	84	84	86	-1	-1	-1	-1	-1
TMGR	HY02	0	0	0	0	0	0	0	31	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	86	86	84	85	84	86	33	0	0	85	86	85	83	33	33	33	33	33
TMGR	HY03	0	0	0	-1	0	-1	0	-1	0	0	0	0	0	0	0	0	0	0	0	0	-1	0	0	0	0	0	0	0	0	0	0	0	0	83	81	83	83	83	83	83	83	83	78	30	29	30	30	0
TMGR	HY04	54	52	61	51	39	39	39	40	54	43	41	41	42	41	41	40	41	41	41	41	43	41	39	41	41	76	42	85	58	69	70	70	67	69	67	70	70	69	69	70	69	70	65	70	68	69	69	70
UJLI	HY01	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	165	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	99	97	97	173	179	173	96	180	98	98	100	179	93	83	95	91	182	179	-1
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	-1	-1	-1	-1	100	103	99	99	90	95	91	97	95	99	99	101	146	96	86	-1	-1	-1	-1	-1
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	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	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	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		**478**	**471**	**486**	**484**	**432**	**425**	**430**	**466**	**477**	**463**	**346**	**378**	**370**	**335**	**362**	**354**	**357**	**477**	**783**	**672**	**511**	**683**	**655**	**767**	**849**	**780**	**725**	**793**	**867**	**1132**	**1430**	**1508**	**1591**	**1835**	**1818**	**1636**	**1532**	**1253**	**1291**	**1843**	**2082**	**1781**	**1689**	**1480**	**1268**	**1244**	**1217**	**760**
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**	**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	1	2	4	8	10	14	15	18	23	24	20	20	28	24	26	12	11	15	9	11	7	3	1	1	0	0	0	0	0	0	0	0	0
BELS	LSS4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	5	14	20	27	32	41	44	24	44	49	49	49	46	45	15	41	11	31	10	8	7	1	0	0	0	0	0	0	0	0	0	0
BKLS	LSS2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	4	8	7	18	20	24	25	19	20	24	32	27	26	27	25	24	18	14	11	7	2	0	0	0	0	0	0	0	0	0	0

TENAGA NASIONAL BERHAD

Monday, December 18, 2023

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	
BNLS	LSS4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	5	8	10	10	16	20	11	19	13	26	26	8	23	15	12	13	19	13	4	3	1	0	0	0	0	0	0	0	0	0	0
BSLS	LSS2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	8	12	16	20	25	27	30	31	32	34	33	30	32	9	32	7	21	6	4	4	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	3	5	7	4	4	7	9	12	20	25	20	23	22	28	23	41	39	16	10	5	4	2	0	0	0	0	0	0	0	0	0	0
GBLS	LSS1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	3	6	10	14	21	9	9	11	23	7	9	18	27	30	21	30	17	11	7	4	3	0	0	0	0	0	0	0	0	0	0	0
GELS	LSS2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	4	6	8	18	12	5	27	23	29	30	16	23	18	13	7	9	10	4	4	5	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	3	10	16	24	27	34	34	41	44	46	41	17	47	31	35	41	29	28	6	6	6	2	0	0	0	0	0	0	0	0	0	0
JELS	LSS2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	6	11	14	19	13	25	26	19	29	21	30	24	14	23	24	22	7	7	8	4	2	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	1	6	17	18	30	27	13	33	20	39	26	33	23	35	39	20	37	36	11	11	7	5	1	0	0	0	0	0	0	0	0	0	0
KDLS	LSS3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	6	19	28	39	47	68	66	76	79	82	82	85	81	76	48	60	16	27	12	13	9	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	2	9	15	22	27	33	36	39	41	43	43	42	41	40	35	34	32	18	7	9	5	2	1	0	0	0	0	0	0	0	0	0
KMLS	LSS2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	5	9	14	20	23	26	29	31	31	32	32	20	28	28	25	4	4	6	6	4	1	0	0	0	0	0	0	0	0	0	0
KNLS	LSS3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	8	23	39	55	68	79	74	92	100	100	83	94	100	100	17	66	52	61	47	6	8	9	0	0	0	0	0	0	0	0	0	0
KRLS	LSS2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	6	10	15	19	14	25	28	30	14	30	27	20	13	18	9	21	10	15	1	2	1	0	0	0	0	0	0	0	0	0	0
MALS	LSS2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	4	14	5	7	6	6	10	29	22	20	29	22	16	21	29	23	26	17	17	2	1	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	1	9	5	14	24	21	15	21	32	1	13	15	8	6	8	19	8	16	5	3	3	2	0	0	0	0	0	0	0	0	0	0	0
MNLS	LSS3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	21	27	26	53	42	39	47	43	7	23	17	11	19	12	31	11	20	3	4	4	4	0	0	0	0	0	0	0	0	0	0	0
PKLS	LSS3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	8	13	18	23	18	24	46	97	30	99	99	87	85	85	26	90	74	4	10	4	0	0	0	0	0	0	0	0	0	0	0
SNLS	LSS4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4	10	19	27	34	41	45	46	50	50	47	21	10	40	50	41	29	26	9	13	13	8	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	3	16	22	25	24	15	24	41	43	55	36	53	28	37	15	24	9	6	29	14	2	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	1	4	9	15	22	27	34	38	41	43	43	43	45	44	30	40	31	25	25	17	15	4	1	0	0	0	0	0	0	0	0	0	0
STLS	LSS2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4	5	6	12	6	17	17	7	5	23	21	19	20	16	24	11	8	7	2	1	1	0	0	0	0	0	0	0	0	0	0	0
TBLS	LSS2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	10	20	9	29	30	15	19	10	28	18	14	20	12	9	3	3	3	1	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**	**9**	**99**	**230**	**355**	**496**	**585**	**627**	**706**	**809**	**891**	**840**	**894**	**870**	**839**	**831**	**658**	**696**	**579**	**482**	**274**	**183**	**114**	**36**	**2**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
ESTL	ESTL	0	0	0	0	0	0	0	0	0	0	0	3	1	0	3	0	0	0	0	0	1	0	2	-1	0	0	0	0	-2	0	0	-1	0	0	0	0	0	0	0	0	-2	0	0	0	1	0	3
KHTC	BLK1	-82	-80	-80	-78	-77	-80	-78	-78	-77	-77	-78	-76	-76	-80	-82	-81	-85	-88	-92	-92	-96	-97	-97	-99	-98	-100	-98	-101	-101	-95	-96	-102	-105	-109	-104	-104	-96	-93	-91	-90	-87	-88	-88	-87	-85	-84	-84	-84
PCUF	CUFG	10	9	9	8	8	8	9	6	9	9	9	9	6	9	7	10	9	9	15	24	24	22	24	22	21	21	22	21	21	22	23	23	22	22	22	24	23	24	23	24	23	23	23	23	24	23	22	24
PCUF	CUFK	15	2	3	3	5	3	4	3	2	3	3	6	2	6	3	2	4	4	22	21	28	28	29	28	29	30	33	29	28	2	2	3	3	3	3	3	3	6	4	3	3	4	3	2	4	2	4	4
PFTZ	PFTZ	7	6	6	6	7	7	7	7	7	6	6	6	6	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7
Total Co-Gen		**-50**	**-63**	**-62**	**-61**	**-57**	**-62**	**-58**	**-62**	**-59**	**-59**	**-60**	**-52**	**-61**	**-58**	**-62**	**-62**	**-65**	**-68**	**-48**	**-40**	**-36**	**-40**	**-35**	**-43**	**-41**	**-42**	**-36**	**-44**	**-47**	**-64**	**-64**	**-70**	**-73**	**-77**	**-72**	**-70**	**-63**	**-56**	**-57**	**-56**	**-54**	**-56**	**-55**	**-55**	**-50**	**-51**	**-51**	**-46**
Total Gen		**14744**	**14388**	**14087**	**13824**	**13611**	**13375**	**13178**	**12930**	**12756**	**12764**	**12683**	**12771**	**12869**	**13003**	**13305**	**13408**	**13865**	**14989**	**15622**	**15981**	**16372**	**16741**	**16801**	**16794**	**16647**	**16436**	**16467**	**16771**	**17092**	**17579**	**17676**	**17848**	**17908**	**18067**	**17812**	**17278**	**16788**	**16469**	**16889**	**17494**	**17558**	**17379**	**17226**	**16985**	**16637**	**16478**	**16360**	**15997**
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	0
TIE-HVDC		-29	-29	-29	-29	-30	-30	-31	-31	-30	-30	-28	-28	-28	-28	-29	-29	-28	-28	-30	-29	-30	-31	-28	-29	-30	-29	-29	-29	-30	-31	-28	-29	-31	-30	-31	-28	-31	-30	-30	-27	-30	-28	-29	-29	-29	-29	-29	-29
TIE-PLTG		-51	-31	-48	13	12	29	1	-3	-52	-25	-21	-22	7	-22	31	14	13	25	13	5	14	19	6	-24	-2	-33	-34	-34	-14	-9	-14	4	37	-3	15	7	20	-22	-12	-25	26	15	30	-4	11	-14	14	19
Interconnection		**-80**	**-60**	**-77**	**-16**	**-18**	**-1**	**-30**	**-33**	**-82**	**-54**	**-49**	**-51**	**-21**	**-51**	**2**	**-14**	**-15**	**-3**	**-17**	**-24**	**-16**	**-12**	**-22**	**-53**	**-32**	**-63**	**-62**	**-62**	**-43**	**-40**	**-41**	**-25**	**6**	**-32**	**-16**	**-21**	**-11**	**-52**	**-42**	**-52**	**-4**	**-13**	**1**	**-32**	**-18**	**-43**	**-15**	**-10**
System Total		**14824**	**14448**	**14164**	**13840**	**13629**	**13376**	**13208**	**12963**	**12838**	**12818**	**12732**	**12822**	**12890**	**13054**	**13303**	**13422**	**13880**	**14992**	**15639**	**16005**	**16388**	**16753**	**16823**	**16847**	**16679**	**16499**	**16529**	**16833**	**17135**	**17619**	**17717**	**17873**	**17902**	**18099**	**17828**	**17299**	**16799**	**16521**	**16931**	**17546**	**17562**	**17392**	**17225**	**17017**	**16655**	**16521**	**16375**	**16007**
SRev ST-Coal		390	376	408	579	567	575	567	741	775	756	725	738	748	749	778	521	381	131	133	177	172	165	165	126	194	186	145	203	190	188	189	152	158	174	164	156	133	134	141	144	139	132	134	147	164	145	152	132
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	35	-3	73	37	0	0	0	0
SRev CCGT-Gas		91	272	419	505	691	905	922	924	783	786	786	422	294	277	338	844	945	516	421	571	266	114	360	533	778	876	891	565	516	271	298	452	349	317	342	583	930	898	474	427	474	257	367	376	411	564	748	749
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 Co-Gen		0	0	0	0	0	2	1	1	-1	1	1	0	0	0	0	0	0	0	0	0	-1	0	0	0	0	-1	0	0	-3	0	1	0	0	0	0	0	0	0	0	0	0	-1	1	0	0	0	-1	-1
Syncon		905	752	752	840	752	840	752	840	752	752	752	752	903	1056	903	903	903	903	615	802	978	739	739	588	588	689	689	689	502	214	126	126	126	126	126	214	214	214	214	126	0	126	126	401	401	502	502	840
Hydro		278	288	273	274	327	333	329	379	282	296	313	368	225	257	383	391	388	387	369	293	365	276	304	343	411	379	434	366	479	552	529	501	466	524	541	635	514	606	568	516	403	578	670	604	591	514	541	323
S.Reserve Total		**1751**	**1775**	**1939**	**2198**	**2424**	**2655**	**2658**	**2885**	**2678**	**2678**	**2664**	**2367**	**2257**	**2426**	**2489**	**2746**	**2704**	**2024**	**1625**	**1930**	**1780**	**1381**	**1655**	**1677**	**2058**	**2216**	**2159**	**1823**	**1684**	**1225**	**1143**	**1231**	**1099**	**1141**	**1173**	**1588**	**1791**	**1852**	**1397**	**1213**	**1051**	**1089**	**1371**	**1565**	**1567**	**1725**	**1942**	**2043**