

Transformer Tap positions*

(As on December 2012)

Agency: Meghalaya Energy Coporation Limited

S/ No	Name of Sub Station	Voltage ratio (KV)	Trans former No	Capacity (in MVA)	Con trolled Bus	Tap steps (%)	Total Tap positions	Nomi nal tap	Present tap position	Readiness of OLTC
1	Mawlai	132/33	1	20	Main	1=138.6, 2=135.3, 3=132.0, 4= 128.7, 5=125.4, 6=122.1, 7= 118.8	7	3	3	OK
2			2	20	- do -	1=138.6, 2=136.95, 3=135.3, 4= 133.65, 5=132.0, 6=130.35, 7= 128.7, 8=127.05, 9=125.4, 10=123.75, 11=122.1, 12=120.45, 13=118.8, 14=117.15, 15=115.5, 16=113.85, 17=112.2	17	5	7	OK
3			3	20	- do -	1=138.6, 2=136.95, 3=135.3, 4= 133.65, 5=132.0, 6=130.35, 7= 128.7, 8=127.05, 9=125.4, 10=123.75, 11=122.1, 12=120.45, 13=118.8, 14=117.15, 15=115.5, 16=113.85, 17=112.2	17	5	7	OK
4	Umiam	- do -	1	20	- do -	1=138.6, 2=136.95, 3=135.3, 4= 133.65, 5=132.0, 6=130.35, 7= 128.7, 8=127.05, 9=125.4, 10=123.75, 11=122.1, 12=120.45, 13=118.8, 14=117.15, 15=115.5, 16=113.85, 17=112.2	17	5	5	Not Connected
5			2	20	- do -	1=138.6, 2=136.95, 3=135.3, 4= 133.65, 5=132.0, 6=130.35, 7= 128.7, 8=127.05, 9=125.4, 10=123.75, 11=122.1, 12=120.45, 13=118.8, 14=117.15, 15=115.5, 16=113.85, 17=112.2	17	5	5	
6	Nongstoin	- do -	1	12.5	- do -	1=138.6, 2=136.95, 3=135.3, 4= 133.65, 5=132.0, 6=130.35, 7= 128.7, 8=127.05, 9=125.4, 10=123.75, 11=122.1, 12=120.45, 13=118.8, 14=117.15, 15=115.5, 16=113.85, 17=112.2	17	5	4	Not Connected
7	Cherra	- do -	1	12.5	- do -	1=138.6, 2=136.95, 3=135.3, 4= 133.65, 5=132.0, 6=130.35, 7= 128.7, 8=127.05, 9=125.4, 10=123.75, 11=122.1, 12=120.45, 13=118.8, 14=117.15, 15=115.5, 16=113.85, 17=112.2	17	6	6	Not Available
8	Rongkhon	- do -	1	20	- do -	1=138.6, 2=136.95, 3=135.3, 4= 133.65, 5=132.0, 6=130.35, 7= 128.7, 8=127.05, 9=125.4, 10=123.75, 11=122.1, 12=120.45, 13=118.8, 14=117.15, 15=115.5, 16=113.85, 17=112.2	17	5	8	YES
9		- do -	2	5	- do -	1=151.8, 2=150.2, 3=148.5, 4= 146.5, 5=145.2, 6=143.6, 7= 141.9, 8=140.3, 9=138.6, 10=137.0, 11=135.3, 12=133.7, 13=132.0, 14=130.35, 15=128.7, 16=127.1, 17=125.4	17	13	15	YES
10		- do -	3	5	- do -	1=151.8, 2=150.2, 3=148.5, 4= 146.5, 5=145.2, 6=143.6, 7= 141.9, 8=140.3, 9=138.6, 10=137.0, 11=135.3, 12=133.7, 13=132.0, 14=130.35, 15=128.7, 16=127.1, 17=125.4	17	13	15	YES
11		- do -	4	5	- do -	1=151.8, 2=150.2, 3=148.5, 4= 146.5, 5=145.2, 6=143.6, 7= 141.9, 8=140.3, 9=138.6, 10=137.0, 11=135.3, 12=133.7, 13=132.0, 14=130.35, 15=128.7, 16=127.1, 17=125.4	17	13	15	YES
12		- do -	5	5	- do -	1=151.8, 2=150.2, 3=148.5, 4= 146.5, 5=145.2, 6=143.6, 7= 141.9, 8=140.3, 9=138.6, 10=137.0, 11=135.3, 12=133.7, 13=132.0, 14=130.35, 15=128.7, 16=127.1, 17=125.4	17	13	15	YES
13	Nangalbibra	- do -	1	12.5	- do -	1=138.6, 2=136.95, 3=135.3, 4= 133.65, 5=132.0, 6=130.35, 7= 128.7, 8=127.05, 9=125.4, 10=123.75, 11=122.1, 12=120.45, 13=118.8, 14=117.15, 15=115.5, 16=113.85, 17=112.2	17	5	3	NO
14		- do -	2	12.5	- do -	1=138.6, 2=135.3, 3=132.0, 4= 127.8, 5=125.8	5	3	4	NO
15	Lumshnong	132/33	1	5	- do -	1=33.236, 2=33.471, 3=33.707, 4= 33.943, 5=34.179, 6=34.414, 7= 34.650, 8=33.000, 9=32.764, 10=32.529, 11=32.293, 12=32.057, 13=31.821, 14=31.586, 15=31.350	15	8	2	NO
16		132/33/11		5	- do -	0=11.000, 1=11.079, 2=11.157, 3= 11.236, 4=11.314, 5=11.393, 6=11.471, 7= 11.550, 8=110.921, 9=10.843, 10=10.764, 11=10.686, 12=10.607, 13=10.529, 14=10.450	15	0	2	NO
17	Khliehriat	132/33	1	20	- do -	Not available	7	---	4	NO
18			2	20	- do -	1=138.6, 2=136.95, 3=135.3, 4= 133.65, 5=132.0, 6=130.35, 7= 128.7, 8=127.05, 9=125.4, 10=123.75, 11=122.1, 12=120.45, 13=118.8, 14=117.15, 15=115.5, 16=113.85, 17=112.2	17	5	8	YES
19	NEIGRIHMS	132/11	1	10	- do -	1=138.6, 2=136.95, 3=135.3, 4= 133.65, 5=132.0, 6=130.35, 7= 128.7, 8=127.05, 9=125.4, 10=123.75, 11=122.1, 12=120.45, 13=118.8	13	5	5	YES
20			2	10	- do -	13=118.8	13	5	4	YES

Transformer Tap positions (Continuation Sheet - 1)

21	NEHU	132/33	1	20	- do -	1=138.6, 2=136.95, 3=135.3, 4= 133.65, 5=132.0, 6=130.35, 7= 128.7, 8=127.05, 9=125.4, 10=123.75, 11=122.1, 12=120.45, 13=118.8, 14=117.15, 15=115.5, 16=113.85, 17=112.2	17	5	6	Not connected
22		- do -	2	20	- do -	1=138.6, 2=136.95, 3=135.3, 4= 133.65, 5=132.0, 6=130.35, 7= 128.7, 8=127.05, 9=125.4, 10=123.75, 11=122.1, 12=120.45, 13=118.8, 14=117.15, 15=115.5, 16=113.85, 17=112.2	17	5	6	Not connected
23	EPIP-I	- do -	1	20	- do -	1=138.6, 2=135.3, 3=132.0, 4= 128.7, 5=125.4, 6=122.1, 7= 118.8	7	3	3	Not connected
24		- do -	2	20	- do -	1=138.6, 2=135.3, 3=132.0, 4= 128.7, 5=125.4, 6=122.1, 7= 118.8	7	3	3	Not connected
25	EPIP-II	- do -	1	50	- do -	1=145.2, 2=143.55, 3=141.9, 4= 140.25, 5=138.6, 6=136.95, 7= 135.30, 8=133.65, 9a=132.0, 9b=132.0,9c=132.0,10=130.35, 11=128.7, 12=127.05, 13=125.4, 14=123.75, 15=122.1, 16=120.45, 17=118.80.	19	9c	8	NO
26		- do -	2	20	- do -	1=138.6, 2=136.95, 3=135.3, 4= 133.65, 5=132.0, 6=130.35, 7= 128.7, 8=127.05, 9=125.4, 10=123.75, 11=122.1, 12=120.45, 13=118.8, 14=117.15, 15=115.5, 16=113.85, 17=112.2	17	5	5	NO
27	Killing	220/132	1	160	- do -	1=242.00, 2=239.35, 3=236.50, 4= 233.75, 5=231.00, 6=228.25, 7= 225.50, 8=222.75, 9a=220.0, 9b=220.0, 9c=220.0, 10=217.25,	17	9b	9b	YES
28		220/132	2	160	- do -	11=214.50, 12=211.75, 13=209.00, 14=206.25, 15=203.50, 16=200.75, 17=198.00	17	9b	9b	YES
29	Sumer P/H	11/132	1	10.6	- do -	138.6, 135.3, 132.0, 127.8, 125.4 (105%, 102.5%, 97.5%, 95%)	5	3	3	NA
30			2	10.6	- do -	138.6, 135.3, 132.0, 127.8, 125.4 (105%, 102.5%, 97.5%, 95%)	5	3	3	NA
31			3	10.6	- do -	138.6, 135.3, 132.0, 127.8, 125.4 (105%, 102.5%, 97.5%, 95%)	5	3	3	NA
32			4	10.6	- do -	138.6, 135.3, 132.0, 127.8, 125.4 (105%, 102.5%, 97.5%, 95%)	5	3	3	NA
33	UmSumer P/H	11/132	1	12.0	- do -	138.6, 135.3, 132.0, 127.8, 125.4 (105%, 102.5%, 97.5%, 95%)	5	125.4	3	NA
34			2	12.0	- do -	138.6, 135.3, 132.0, 127.8, 125.4 (105%, 102.5%, 97.5%, 95%)	5	125.4	3	NA
35	Stage-III	11/132	1	37.5	- do -	± 2.5% up to ± 5.0 %	5	2 to 5	2 to 5	No
36			2	37.5	- do -	± 2.5% up to ± 5.0 %	5	2 to 5	2 to 5	No
37	Stage-IV	11/132	1	37.5	- do -	2.40%	5	3	3	No
38			2	37.5	- do -	2.40%	5	3	3	No
39	Umtru P/H	3.3/132	1	7.5	- do -	6.67%	5	125.4	3	NA
40			2	7.5	- do -	6.67%	5	125.4	3	NA

* - Source: As per messages received from different sub stations MeECL