

केंद्रीय विद्युत प्राधिकरण  
Central Electricity Authority  
उत्तर पूर्वी क्षेत्रीय विद्युत समिति  
North Eastern Regional Power Committee  
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Sub: **Power supply position in NER for the month of September, 2016 (Revised).**

The Information regarding the power supply position for the month of **September, 2016** is furnished below:

1. <b>Total Generation</b> in NER:	<b>1302.971</b> MU (gross)
2. a) <b>Total Central Sector Generation</b> in NER:	979.560 MU (gross)
b) <b>Total State Sector Generation</b> in NER:	323.411 MU (gross)
3. <b>Inter – Regional energy exchange</b> during the month :	
a) NER to ER :	7.147 MU
b) ER to NER :	529.935 MU
c) Net import from ER :	522.788 MU
d) NER to NR :	513.491 MU
e) NR to NER :	0.000 MU
f) Net import from NR:	- 513.491 MU
g) Net import (c)+ (f) :	9.297 MU

4. **State wise Entitlement, Schedule & Drawal & Deviation Charges during the month:**

Name of states	Entitlement from ISGS in NER (in MU)	Entitlement from ISGS in ER (in MU)	Total Entitlement (in MU)	Scheduled energy against entitlement (in MU)	Schedule Drawal (for Dev A/c) (Ex-PP State) (in MU)	Actual Drawal from Grid (in MU)	Over Drawal (+) / Under Drawal (-) (in MU)	Dev Payable (-)/ Receivable (+) (including additional deviation) (Rs. In Cr)
Arunachal Pradesh	73.285	3.949	77.233	68.162	64.218	62.662	-1.556	-0.111
ASEB	494.648	98.095	592.743	555.705	609.787	662.061	52.274	-13.278
Manipur	106.428	0.000	106.428	91.534	66.855	60.767	-6.088	0.561
MeSEB	128.480	0.000	128.480	63.590	27.175	39.246	12.072	-2.852
Mizoram	51.787	2.892	54.679	49.151	33.994	36.734	2.740	-0.736
Nagaland	63.148	8.728	71.876	63.949	52.462	52.480	0.018	-0.093
Tripura	160.283	0.000	160.283	146.850	102.600	129.261	26.661	-6.400
PGCIL-HVDC	1.683	0.000	1.683	1.116	1.116	0.703	-0.413	0.049

5. **Requirement Vs Availability during the month**

STATES	ENERGY requirement (MU) at 50 Hz				POWER requirement (MW) at 50 Hz			
	Availability & L/S at prevailing freq.				Availability & L/S at prevailing freq.			
	Requirt.	Availiy.	Shortfall	%Shortfall	Requirt.	Availiy.	Shortfall	%Shortfall
Ar.Pradesh	59.56	58.07	1.490	2.50	143	136	7	4.9
Assam	888.09	858.16	29.937	3.37	1616	1576	40	2.5
Manipur	60.18	57.79	2.384	3.96	151	148	3	2.0
M'laya	140.95	140.95	0.000	0.00	298	298	0	0.0
Mizoram	36.67	35.43	1.248	3.40	92	91	1	1.1
Nagaland	68.09	66.89	1.203	1.77	123	121	2	1.6
Tripura	119.72	118.67	1.052	0.88	277	277	0	0.0
<b>REGION</b>	<b>1373.26</b>	<b>1335.95</b>	<b>37.31</b>	<b>2.72</b>	<b>2430</b>	<b>2373</b>	<b>57</b>	<b>2.3</b>

## 6. Frequency Profile:

(i) Max –50.24 ( 12-September-16 07:30 Hrs )	Min – 49.67 (20-September-16 21:21 Hrs )	Avg - 50.00 Hz Avg FVI - 0.037
(ii) %age of time: 49.90 – 50.05 Hz = 75.06 %	f < 49.90 = 6.17%	f > 50.05 Hz = 18.76%

## 7. Voltage Profile:

Sub Station	Bongaigaon	Balipara	Misa	Silchar	Palatana	Azara	BYR	BNC	RHEP	Salakati	Dim	Mar
Normative Voltage(kV)	400	400	400	400	400	400	400	400	400	220	220	220
Max (kV)	414	424	426	418	425	416	418	422	425	232	235	235
Min (kV)	394	396	396	397	409	395	397	395	401	212	212	224

Sub Station	Kahelipara	Aizawl	Imphal	Nirjuli
Normative Voltage(kV)	132	132	132	132
Max (kV)	142	135	138	135
Min (kV)	127	119	127	124

## 8. Sale/Purchase of power in MWH (From REA) for the month of September, 2016:

### Details of Scheduled Bilateral Exchanges within the Region

SL.No.	From	To	Trader	Energy ( At Seller Periphery) (MWH)	Energy ( At NER-ER Periphery) (MWH)	Energy ( At Buyer Periphery) (MWH)	Approval No.
1	Tripura (Baramura-IV)	Manipur		-3420.000000		-3357.767343	
2	Tripura (Baramura-IV)	Mizoram		-3420.000000		-3323.751453	
3	Tripura (Baramura-V)	Manipur		-3420.000000		-3357.767343	
4	Tripura (Baramura-V)	Mizoram		-3420.000000		-3323.751453	
5	ASEB	POWERGRID^		312.132000	^ The actual energy consumed by POWERGRID		
6	ASEB	NTPC*		244.514700	* The actual energy consumed by NTPC		
7	Palatana (OTPC)	APDCL	OTPC	47002.005000	46515.000000	45915.667500	2348/F
8	MSPDCL	MePDCL	MPPL	65.690000	65.000000	63.830000	2352/D

### Scheduled Bilateral Exchange with SEBs / Organisations in other Regions

SL.No.	From	To	Trader	Energy ( At Seller Periphery) (MWH)	Energy ( At NER-ER Periphery) (MWH)	Energy ( At Buyer Periphery) (MWH)	Approval No.
1	HPSEB	APDCL	MPPL		2261.760000	2233.920000	2349/F
2	HPSEB	APDCL	MPPL		1979.040000	1953.600000	2356/F
3	HPSEB	APDCL	MPPL		2261.760000	2231.040000	2363/F
4	HPSEB	APDCL	MPPL		1979.040000	1955.160000	2371/F
5	DBPL	APDCL	IEXL		140.000000	138.400000	2358/C
6	ASEB	PSEB	APPCPL	-721.2	-713.520000		36027
7	ASEB	PSEB	APPCPL	-15472.52	-15312.398541		36016
8	ASEB	PSEB	APPCPL	-3674.6775	-3635.070000		36227
9	ASEB	UPPCL	MPPL	-172.430000	-170.615000		36712-D
10	ASEB	UPPCL	MPPL	-52.732500	-52.175000		36725-S
11	GOA	MSPDCL	MPPL	20.000000	19.740000		22353-D
12	GOA	MSPDCL	MPPL	20.000000	19.780000		2355
13	GOA	MSPDCL	MPPL	20.000000	19.780000		2357
14	UPPCL	MSPDCL	MPPL	302.400000	298.240000		2369/D
15	GOA	MSPDCL	MPPL	20.000000	19.740000		2376/C

16	GOA	MSPDCL	MPPL	40.000000	39.480000		2377/D
17	MSPDCL	HPPC	PTC	-315.360000	-312.000000		36024
18	MSPDCL	HPPC	PTC	-315.360000	-312.000000		36048/D
19	MSPDCL	HPPC	PTC	-315.360000	-312.000000		36063-D
20	MSPDCL	HPPC	MPPL	-787.710000	-779.410000		36089-S
21	MSPDCL	HPPC	PTC	-295.642500	-292.945000		36102-D
22	MSPDCL	HPPC	PTC	-312.190000	-309.335000		36124-D
23	MSPDCL	HPPC	PTC	-367.885000	-364.575000		36155
24	MSPDCL	HPPC	PTC	-397.547500	-393.980000		36179
25	MSPDCL	HPPC	PTC	-350.502500	-347.352500		36207/D
26	MSPDCL	HPPC	MPPL	-666.742500	-660.737500		36241/D
27	MSPDCL	HPPC	MPPL	-129.345000	-128.180000		36265-D
28	MSPDCL	HPPC	PTC	-225.227500	-222.782500		36276-D
29	MSPDCL	HPPC	PTC	-163.980000	-162.197500		36295-D
30	MSPDCL	HPPC	PTC	-166.022500	-164.192500		36320-D
31	MSPDCL	HPPC	PTC	-205.937500	-203.662500		36344D
32	MSPDCL	HPPC	PTC	-429.290000	-424.585000		36372D
33	MSPDCL	HPPC	PTC	-461.087500	-456.060000		36405-D
34	MSPDCL	HPPC	PTC	-315.317500	-311.850000		36432-D
35	MSPDCL	HPPC	PTC	-75.162500	-74.332500		36455-D
36	MSPDCL	HPPC	PTC	-167.532500	-165.715000		36485-D
37	MSPDCL	HPPC	PTC	-68.252500	-67.482500		36512-D
38	MSPDCL	HPPC	PTC	-54.407500	-53.802500		36537-D
39	MSPDCL	HPPC	PTC	-34.295000	-33.920000		36578
40	MSPDCL	HPPC	PTC	-722.097500	-714.172500		36610-D
41	MSPDCL	HPPC	PTC	-167.980000	-166.130000		36643-D
42	MSPDCL	HPSEB	MPPL	-58.937500	-58.320000		36672-D
43	MSPDCL	HPPC	PTC	-369.510000	-365.622500		36707-D
44	MSPDCL	HPPC	PTC	-105.630000	-104.500000		36748-D
45	MSPDCL	HPPC	PTC	-99.915000	-98.868636		36776-D
46	MSPDCL	HPPC	PTC	-91.647500	-90.682500		36812-D
47	MSPDCL	HPPC	PTC	-315.360000	-312.000000		36078-D
48	MSPDCL	HPPC	MPPL	-737.040000	-730.427500		36107-D
49	MSPDCL	HPPC	MPPL	-779.757500	-772.747500		36131-D
50	MSPDCL	HPPC	MPPL	-673.380000	-667.337500		36156
51	MSPDCL	HPPC	MPPL	-720.562500	-714.102500		36186
52	MSPDCL	HPPC	MPPL	-644.750000	-638.970000		36213/D
53	MSPDCL	HPPC	PTC	-355.005	-351.810000		36235/D
54	MSPDCL	HPPC	PTC	-431.4125	-427.542500		36260-D
55	MSPDCL	HPPC	PTC	-152.08	-150.387500		36532-S
56	MSPDCL	HPPC	PTC	-217.64	-215.207500		36564-S
57	MSPDCL	HPPC	MPPL	-126.7475	-125.350000		36649-D
58	MSPDCL	HPPC	PTC	-241.165	-238.630000		36668-D
59	MSPDCL	HPPC	PTC	-184.310000	-182.377500		36734
60	MSPDCL	HPPC	MPPL	-103.080000	-102.000000		36752-D
61	MSPDCL	HPPC	PTC	-96.330000	-95.307500		36796-S
62	MSPDCL	HPPC	MPPL	-48.660000	-48.217500		36116-S
63	MSPDCL	HPPC	MPPL	-6.405000	-6.347500		36140-S
64	MSPDCL	HPPC	MPPL	-113.090000	-112.072500		36166
65	MSPDCL	HPPC	MPPL	-67.0625	-66.457500		36197-S

66	MSPDCL	HPPC	MPPL	-141.705	-140.440000		36225/SD
67	MSPDCL	HPPC	MPPL	-5.835	-5.782500		36273-S
68	MSPDCL	HPSEB	MPPL	-53.8	-53.205000		36657-S
69	MSPDCL	HPSEB	MPPL	-28.095	-27.802500		36686-S
70	MSPDCL	HPSEB	MPPL	-133.8025	-132.385000		36694-S
71	MSPDCL	HPPC	PTC	-93.665	-92.675000		36695-S
72	GOA	MePDCL	MPPL		380	373.800000	2354/D
73	CESC	MePDCL	MPPL		237.5	233.620000	2359/D
74	GOA	MePDCL	MPPL		420	413.140000	2360/D
75	CESC	MePDCL	MPPL		133.75	131.297500	2361/D
76	CESC	MePDCL	MPPL		164	160.992500	2362/D
77	CESC	MePDCL	MPPL		162.5	159.520000	2364
78	GOA	MePDCL	MPPL		380	373.040000	2365-D
79	GOA	MePDCL	MPPL		75	73.620000	2366/D
80	GOA	MePDCL	MPPL		125.000000	122.700000	2367/D
81	GOA	MePDCL	MPPL		125.000000	122.700000	2368/D
82	GOA	MePDCL	MPPL		175.000000	171.780000	2370/D
83	GOA	MePDCL	MPPL		175.000000	171.780000	2372
84	GOA	MePDCL	MPPL		175.000000	171.780000	2373/D
85	GOA	MePDCL	MPPL		418.000000	410.290000	2374/D
86	GOA	MePDCL	MPPL		115.000000	112.930000	2375/C
87	GOA	MePDCL	MPPL		210.000000	206.220000	2378/D
88	CESC	MePDCL	MPPL		277.500000	272.505000	2382/D
89	GOA	MePDCL	MPPL		260.000000	255.320000	2384/D
90	GOA	MePDCL	MPPL		250.000000	245.500000	2385/D
91	MePDCL	HPPC	PTC	-727.680000	-720.000000		36023
92	MePDCL	HPPC	PTC	-727.680000	-720.000000		36047/D
93	MePDCL	CESC	MPPL	-212.240000	-210.000000		12285/D
94	MePDCL	HPPC	PTC	-727.680000	-720.000000		36077-D
95	MePDCL	HPPC	PTC	-682.115000	-676.017500		36101-D
96	MePDCL	HPPC	PTC	-720.280000	-713.850000		36123-D
97	MePDCL	HPPC	MPPL	-1568.190000	-1554.095000		36154
98	MePDCL	HPPC	MPPL	-1666.805000	-1651.815000		36183D
99	MePDCL	HPPC	PTC	-594.570000	-589.245000		36206/D
100	MePDCL	HPPC	MPPL	-1501.362500	-1487.862500		36238/D
101	MePDCL	HPPC	PTC	-718.600000	-712.187500		36261-D
102	MePDCL	HPPC	PTC	-407.417500	-402.955000		36277-D
103	MePDCL	HPPC	MPPL	-729.600000	-721.592500		36299-D
104	MePDCL	HPPC	PTC	-294.230000	-291.012500		36319-D
105	MePDCL	HPPC	PTC	-205.937500	-203.662500		36345
106	MePDCL	HPPC	PTC	-429.290000	-424.585000		36369
107	MePDCL	HPPC	PTC	-461.087500	-456.060000		36404-D
108	MePDCL	HPPC	PTC	-315.317500	-311.850000		36429-D
109	MePDCL	HPPC	MPPL	-200.335000	-198.140000		36459-D
110	MePDCL	HPPC	PTC	-167.532500	-165.715000		36486-D
111	MePDCL	HPPC	MPPL	-390.997500	-386.700000		36513-D
112	MePDCL	HPPC	PTC	-108.797500	-107.607500		36536-D
113	MePDCL	HPPC	PTC	-26.580000	-26.290000		36577
114	MePDCL	HPPC	MPPL	-1771.305000	-1751.820000		36612-D
115	MePDCL	HPPC	MPPL	-366.282500	-362.255000		36645-D

116	MePDCL	HPPC	MPPL	-629.095000	-622.490000		36671-D
117	MePDCL	HPPC	MPPL	-1333.472500	-1319.460000		36706-D
118	MePDCL	HPPC	PTC	-168.955000	-167.200000		36749-D
119	MePDCL	HPPC	MPPL	-317.140000	-313.816110		36779-D
120	MePDCL	HPPC	PTC	-126.595000	-125.262500		36811-D
121	MePDCL	CESC	MPPL	-83.380000	-82.500000		12276/C
122	MePDCL	HPPC	PTC	-727.680000	-720.000000		36062-D
123	MePDCL	HPPC	MPPL	-1847.220000	-1827.840000		36088-S
124	MePDCL	HPPC	MPPL	-1725.857500	-1710.322500		36106-D
125	MePDCL	HPPC	MPPL	-1829.205000	-1812.747500		36130-D
126	MePDCL	HPPC	PTC	-618.587500	-613.050000		36150
127	MePDCL	HPPC	PTC	-667.827500	-661.855000		36177D
128	MePDCL	HPPC	MPPL	-1496.620000	-1483.170000		36211/D
129	MePDCL	HPPC	PTC	-600.625000	-595.247500		36234/D
130	MePDCL	HPPC	MPPL	-1892.417500	-1875.420000		36264-D
131	MePDCL	HPPC	MPPL	-956.727500	-946.190000		36280-D
132	MePDCL	HPPC	PTC	-290.325000	-287.130000		36294-D
133	MePDCL	HPPC	MPPL	-744.902500	-736.715000		36324-D
134	MePDCL	HPPC	MPPL	-504.885000	-499.317500		36341
135	MePDCL	HPPC	MPPL	-1233.635000	-1220.090000		36374
136	MePDCL	HPPC	MPPL	-1284.942500	-1270.830000		36408-D
137	MePDCL	HPPC	MPPL	-876.252500	-866.592500		36434-D
138	MePDCL	HPPC	PTC	-75.162500	-74.332500		36454-D
139	MePDCL	HPPC	MPPL	-546.137500	-540.152500		36489-D
140	MePDCL	HPPC	PTC	-136.445000	-134.982500		36511-D
141	MePDCL	HPPC	MPPL	-301.782500	-298.455000		36540-D
142	MePDCL	HPPC	MPPL	-75.940000	-75.110000		36576
143	MePDCL	HPPC	MPPL	-4.790000	-4.740000		36623-S
144	MePDCL	HPPC	PTC	-125.985000	-124.597500		36644-D
145	MePDCL	HPPC	PTC	-272.872500	-270.005000		36667-D
146	MePDCL	HPPC	PTC	-591.160000	-584.980000		36708-D
147	MePDCL	HPPC	MPPL	-314.760000	-311.460000		36750-D
148	MePDCL	HPPC	PTC	-159.875	-158.199442		36777-D
149	MePDCL	HPPC	MPPL	-296.9525	-293.830000		36813-D
150	MePDCL	HPPC	MPPL	-116.8525	-115.795000		36115-S
151	MePDCL	HPPC	MPPL	-14.4525	-14.322500		36139-S
152	MePDCL	HPPC	MPPL	-276.2175	-273.745000		36165
153	MePDCL	HPPC	MPPL	-180.165	-178.545000		36196-S
154	MePDCL	HPPC	MPPL	-347.8025	-344.670000		36224/SD
155	MePDCL	HPPC	MPPL	-28.7825	-28.525000		36252
156	MePDCL	HPSEB	MPPL	-30.4675	-30.190000		36274-S
157	MePDCL	HPPC	MPPL	-619.652500	-612.827500		36333-S
158	MePDCL	HPPC	MPPL	-1464.795000	-1448.682500		36356
159	MePDCL	HPPC	MPPL	-285.352500	-282.240000		36383-S
160	MePDCL	HPPC	MPPL	-217.447500	-215.057500		36443-S
161	MePDCL	HPPC	MPPL	-101.962500	-100.837500		36468-S
162	MePDCL	HPPC	MPPL	-705.945000	-698.170000		36497-s
163	MePDCL	HPPC	MPPL	-71.465000	-70.677500		36524-S
164	MePDCL	HPPC	MPPL	-1943.942500	-1922.545000		36559-S
165	MePDCL	HPPC	MPPL	-545.597500	-539.610000		36587

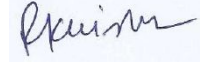
166	MePDCL	HPPC	PTC	-589.980000	-583.512500		36608-D
167	MePDCL	HPPC	MPPL	-263.162500	-260.400000		36685-S
168	MePDCL	HPPC	MPPL	-733.897500	-726.170000		36723-S
169	MePDCL	HPPC	MPPL	-133.590000	-132.180000		36760-S
170	MePDCL	HPPC	MPPL	-108.752500	-107.612500		36791-S
171	MePDCL	HPPC	MPPL	-784.520000	-775.892500		36446-S
172	MePDCL	HPPC	MPPL	-1305.877500	-1291.507500		36471-S
173	MePDCL	HPPC	MPPL	-1267.687500	-1253.747500		36527-S
174	MePDCL	HPPC	PTC	-413.087500	-408.572500		36565-S
175	MePDCL	HPPC	MPPL	-181.665000	-179.672500		36628-S
176	MePDCL	HPPC	MPPL	-1002.767500	-992.232500		36692-S
177	MePDCL	HPPC	MPPL	-177.220000	-175.370000		36733c
178	MePDCL	HPPC	PTC	-152.057500	-150.460000		36795-S
179	MePDCL	HPPC	MPPL	-10.702500	-10.585000		36531-S
180	MePDCL	HPPC	PTC	-124.870000	-123.560000		36696-S
181	MePDCL	HPPC	PTC	-294.892500	-291.815000		36735c
182	MePDCL	HPPC	PTC	-255.770000	-252.970000		36535-S
183	Rajasthan Solar(Assam) - SECI *				3641.767500	3641.767500	
184	Rajasthan Solar(Assam) - NVVN				673.585000	673.585000	
185	Bundled Coal Power (Rajasthan Solar) - Assam			3066.022305	3009.900000	2971.152825	

**Collective transactions through IEX Power Exchange (-ve means injection, +ve means drawal)**

SL.No.	From	To	Energy ( At Seller Periphery) (MWH)	Energy ( At NER-ER Periphery) (MWH)	Energy ( At Buyer Periphery) (MWH)
1	Ar. Pradesh		-3927.182500	-3914.500000	
2	APDCL			52702.235000	52021.300000
3	APDCL		-36867.165000	-36481.697500	
4	MSPDCL		-17265.307500	-17083.000000	
5	MSPDCL			390.250000	385.762500
6	MePDCL		-1010.610000	-1000.000000	
7	MePDCL			13943.400000	13696.640000
8	Mizoram		-21801.545000	-21303.250000	
9	Nagaland		-7994.630000	-7912.300000	
10	Nagaland			50.000000	49.460000
11	Tripura			2635.832500	2621.535000
12	Tripura		-33207.580000	-33030.000000	
13	AGBPP(NEEPCO)		-7797.312500	-7716.412500	
14	Kopili(NEEPCO)		-15439.085000	-15278.767500	
15	AGTCCPP(NEEPCO)		-7955.747500	-7912.652500	
16	RHEP(NEEPCO)		-15196.847500	-14848.382500	
17	DHEP(NEEPCO)		-5822.255000	-5762.022500	

**9. Bilateral scheduled export / import in MU (From REA) for the month of September, 2016:**

States	Import	Export	Net Import (+)/ Export (-)
Arunachal Pradesh	0.000	-3.927	-3.927
ASEB	106.449	-56.961	49.488
Manipur	7.518	-32.038	-24.520
MeSEB	17.943	-54.342	-36.399
Mizoram	6.648	-21.802	-15.154
Nagaland	0.049	-11.524	-11.475
Tripura	2.622	-46.888	-44.266



( पी. के. मिश्रा/ P. K. Mishra )  
सदस्य सचिव / Member Secretary

Chief Engineer, GM Division, CEA, Sewa Bhawan, R.K. Puram, New Delhi – 110066  
No. NERPC / OP/ MPSP/ 2016 /2174

Dated: 26<sup>th</sup> October, 2016