



National Load Despatch Centre
पाँवर सिस्टम ऑपरेशन कारपोरेशन लिमिटेड
POWER SYSTEM OPERATION CORPORATION LIMITED

(A Govt. of India Enterprise)

CIN No.: U40105DL2009GOI188682

B-9, QUTUB INSTITUTIONAL AREA, KATWARIA SARAI, NEW DELHI -110016

Ref: POSOCO/NLDC/SO/Weekly Report

Date: 6th April 2018

To,

1. कार्यपालक निदेशक, पू. क्षे. भा. प्रे. के., 14, गोल्फ क्लब रोड , कोलकाता - 700033
Executive Director, ERLDC, 14 Golf Club Road, Tolleygunge, Kolkata, 700033
2. महाप्रबंधक, ऊ. क्षे. भा. प्रे. के., 18/ ए , शहीद जीत सिंह सनसनवाल मार्ग, नई दिल्ली - 110016
General Manager, NRLDC, 18-A, Shaheed Jeet Singh Marg, Katwaria Sarai, New Delhi – 110016
3. कार्यपालक निदेशक, प. क्षे. भा. प्रे. के., एफ-3, एम आई डी सी क्षेत्र , अंधेरी, मुंबई - 400093
Executive Director, WRLDC, F-3, M.I.D.C. Area, Marol, Andheri (East), Mumbai-400093
4. कार्यपालक निदेशक, ऊ. पू. क्षे. भा. प्रे. के., डोंगतिह, लोअर नॉग्रह , लापलंग, शिलोंग - 793006
Executive Director, NERLDC, Dongteih, Lower Nongrah, Lapalang, Shillong - 793006, Meghalaya
5. महाप्रबंधक, द. क्षे. भा. प्रे. के., 29, रेस कोर्स क्रॉस रोड, बंगलुरु - 560009
General Manager, SRLDC, 29, Race Course Cross Road, Bangalore-560009

Sub: Weekly Status Report 26th March to 1st April 2018.

महोदय/Dear Sir,

आई०ई०जी०सी०-2010 की धारा स.- 5.5.1 के प्रावधान के अनुसार, 26 मार्च से 1 अप्रैल 2018, सप्ताह की अखिल भारतीय प्रणाली की ग्रिड निष्पादन रिपोर्ट रा०भा०प्रे०के० की वेबसाइट पर उपलब्ध है

As per article 5.5.1 of the Indian Electricity Grid Code, the weekly status report pertaining power supply position report of All India Power System for the week 26th March to 1st April 2018, is available at the NLDC website.

Thanking you,

Yours faithfully,

DGM (SO)

पाँवर सिस्टम ऑपरेशन कारपोरेशन लिमिटेड

राष्ट्रीय भार प्रेषण केंद्र, नई दिल्ली

साप्ताहिक रिपोर्ट (26 मार्च से 01 अप्रैल 2018 तक)

रिपोर्टिंग तिथि:- 6-Apr-18

(आई० ई० जी० सी० की धारा संख्या-5.5.1 के अंतर्गत)

1. अधिकतम मांग आपूर्ति और अधिकतम कमी (मे०वा०)

दिनांक	उत्तरी क्षेत्र		पश्चिमी क्षेत्र		दक्षिणी क्षेत्र		पूर्वी क्षेत्र		पूर्वांतर क्षेत्र		कुल	
	अधिकतम मांग आपूर्ति	आधिकतम कमी	अधिकतम मांग आपूर्ति	आधिकतम कमी	अधिकतम मांग आपूर्ति	आधिकतम कमी	अधिकतम मांग आपूर्ति	आधिकतम कमी	अधिकतम मांग आपूर्ति	आधिकतम कमी	अधिकतम मांग आपूर्ति	आधिकतम कमी
	(मे०वा०)	(मे०वा०)	(मे०वा०)	(मे०वा०)	(मे०वा०)	(मे०वा०)	(मे०वा०)	(मे०वा०)	(मे०वा०)	(मे०वा०)	(मे०वा०)	(मे०वा०)
26-03-2018	40705	884	46214	34	45295		20290		2317	47	154821	964
27-03-2018	41838	1935	46711	46	45420		20598		2390	62	156957	2043
28-03-2018	42162	1273	46785	11	45818	182	19991		2405	59	157160	1525
29-03-2018	41088	1105	46237	34	45923		20666		2099	313	156012	1452
30-03-2018	38831	516	46083	45	44122		18460		2003	360	149499	921
31-03-2018	39729	834	45295		43733		17912	89	2260	103	148929	1026
01-04-2018	42215	1047	41524		38591		14086		2081	136	138497	1183

2. ऊर्जा आपूर्ति और पनबिजली उत्पादन (मि०यू०)

क्षेत्र / तिथि	उत्तरी क्षेत्र		पश्चिमी क्षेत्र		दक्षिणी क्षेत्र		पूर्वी क्षेत्र		पूर्वांतर क्षेत्र		कुल	
	ऊर्जा आपूर्ति	पनबिजली उत्पादन	ऊर्जा आपूर्ति	पनबिजली उत्पादन	ऊर्जा आपूर्ति	पनबिजली उत्पादन	ऊर्जा आपूर्ति	पनबिजली उत्पादन	ऊर्जा आपूर्ति	पनबिजली उत्पादन	ऊर्जा आपूर्ति	पनबिजली उत्पादन
	(मि०यू०)	(मि०यू०)	(मि०यू०)	(मि०यू०)	(मि०यू०)	(मि०यू०)	(मि०यू०)	(मि०यू०)	(मि०यू०)	(मि०यू०)	(मि०यू०)	(मि०यू०)
26-03-2018	895	99	1121	40	1052	79	417	31	38	7	3522	257
27-03-2018	900	99	1143	45	1066	89	418	32	36	7	3564	271
28-03-2018	915	96	1141	24	1079	83	423	34	38	7	3597	244
29-03-2018	907	100	1140	26	1080	78	431	41	36	7	3595	251
30-03-2018	887	94	1132	15	1057	66	410	33	32	8	3517	217
31-03-2018	850	88	1130	21	1030	56	375	24	35	7	3419	196
01-04-2018	949	105	1066	16	956	49	337	16	35	8	3344	194

3. आवृत्ति (प्रतिशत समय में)

तिथि	49.8-49.9	<49.9	49.9-50.05	>50.05	Average	FVI
	ऑ० इ० गिड	ऑ० इ० गिड	ऑ० इ० गिड	ऑ० इ० गिड	ऑ० इ० गिड	ऑ० इ० गिड
26-03-2018	14.47	15.46	78.48	6.05	49.96	0.054
27-03-2018	23.14	24.79	68.40	6.81	49.95	0.077
28-03-2018	27.95	28.74	67.55	3.72	49.94	0.077
29-03-2018	27.95	28.74	67.55	3.72	49.95	0.077
30-03-2018	4.86	4.87	80.27	14.86	49.99	0.032
31-03-2018	1.09	1.09	75.07	23.84	50.02	0.030
01-04-2018	7.33	7.34	76.11	16.55	49.99	0.037

*NEW & SR grid running in synchronisation.

4. NEW ELEMENTS COMMISSIONED

1. 1000 MVA,765/400kV ICT-I at Orai first time charged on 26.03.2018 at 1629 hrs.
2. 765 kV Aligarh-Orai-I&II first time charged on 26.03.2018 at 1417 & 1942 hrs respectively
3. 765 kV Gwalior-Orai and 765 kV Satna-Orai (LILo of 765 kV Satna-Gwalior-I at Orai) first time charged on 29.03.2018 at 1332 & 1724 hrs respectively
4. 765 kV Jabalpur-Orai-II first time charged on 26.03.2018 at 1417 hrs
5. 400 kV Orai(PG)-Orai(UP) I&II first time charged on 26.03.2018 at 1629 hrs
6. 765 kV Dehradun-Abdullapur I&II first time charged on 29.03.18 at 2313 hrs and 30.03.18 at 1858 hrs respectively
7. 400/220 kV 500 MVA ICT-3 at Sikar first time charged on 29.03.2018 at 2214 hrs
8. 400 kV Kalikiri Bus-I first time charged on 31-03-2018 at 1803 hrs
9. 765 kV Jharsuguda-Angul Ckt-III L/R at Jharsuguda first time charged as B/R on 31-03-2018 at 1309 hrs
10. 400 kV Chituru-Kalikiri-II first time charged on 31-03-2018 at 1726 hrs

5. Maximum Demand Met during the day & Peak Hour Shortage in States (in MW)

Region	Date	26-03-2018		27-03-2018		28-03-2018		29-03-2018		30-03-2018		31-03-2018		01-04-2018	
	States	Max. Demand Met during the day	Peak hr Shortage	Max. Demand Met during the day	Peak hr Shortage	Max. Demand Met during the day	Peak hr Shortage	Max. Demand Met during the day	Peak hr Shortage	Max. Demand Met during the day	Peak hr Shortage	Max. Demand Met during the day	Peak hr Shortage	Max. Demand Met during the day	Peak hr Shortage
NR	Punjab	5810	0	5929	0	6018	0	5872	0	5898	0	5531	0	5350	0
	Haryana	6222	190	5805	542	6197	178	6231	144	6471	0	6158	0	6140	119
	Rajasthan	9168	0	9130	0	9028	0	8798	0	8797	0	8655	0	8651	0
	Delhi	3572	0	3688	0	3654	0	3659	0	3675	0	3564	0	3885	0
	UP	14470	415	14414	1375	14770	795	14664	555	13671	90	14246	395	15210	255
	Uttarakhand	1847	0	1806	150	1821	0	1805	0	1822	0	1865	0	1802	0
	HP	1398	0	1372	0	1354	0	1403	0	1386	25	1396	0	1306	0
	J&K	1984	496	2241	560	1968	492	2215	554	2125	531	1923	481	4401	1100
Chandigarh	174	0	183	0	186	0	176	0	177	0	177	0	185	0	
WR	Chhattisgarh	3801	0	3822	0	3838	0	3856	0	3913	0	3652	0	3472	0
	Gujarat	15397	0	15351	0	15105	0	15512	0	15459	0	15187	0	14165	0
	MP	8462	0	8764	0	8745	0	8693	0	8571	0	8462	0	8369	0
	Maharashtra	22325	0	22775	0	22449	0	22801	0	22133	0	22338	0	20577	0
	Goa	475	0	519	0	519	0	519	0	519	0	519	0	443	0
	DD	326	0	329	0	331	0	325	0	326	0	303	0	274	0
	DNH	765	0	770	0	748	0	766	0	748	0	746	0	714	0
	Essar steel	519	0	520	0	545	0	513	0	533	0	607	0	520	0
SR	Andhra Pradesh	8817	0	8853	0	8844	0	8907	0	8852	0	8379	0	8268	0
	Telangana	9893	0	10001	0	9934	0	9933	0	9835	0	9602	0	9051	0
	Karnataka	10682	0	10777	0	10802	0	10620	0	10652	0	9798	0	9112	0
	Kerala	3846	0	3884	0	3874	0	3790	0	3639	0	3683	0	3030	0
	Tamil Nadu	14910	0	15101	0	15137	0	15193	0	15017	0	14436	0	13289	0
	Pondy	350	0	363	0	360	0	360	0	368	0	364	0	320	0
ER	Bihar	4318	0	4370	0	4443	0	4492	0	4168	0	3985	0	4247	0
	DVC	2958	0	3131	0	3264	0	3038	0	3059	0	3018	0	2919	0
	Jharkhand	1134	0	1165	0	1082	0	1193	0	1163	0	1161	0	1117	0
	Odisha	4281	0	4102	0	4139	0	4602	0	4260	0	3795	0	3398	0
	West Bengal	8331	0	8433	0	8641	0	8521	0	7892	0	7048	0	6712	0
	Sikkim	89	0	95	0	101	0	100	0	97	0	95	0	82	0
NER	Arunachal Pradesh	108	2	111	1	112	3	112	3	110	3	108	5	100	2
	Assam	1365	36	1393	8	1436	22	1201	249	1250	210	1390	70	1276	56
	Manipur	165	11	165	7	172	2	166	6	130	15	150	3	160	2
	Meghalaya	285	2	310	2	291	0	210	31	250	2	312	1	251	0
	Mizoram	82	1	82	3	81	3	81	4	75	3	78	2	78	2
	Nagaland	142	16	119	2	119	1	122	2	123	2	114	3	101	3
	Tripura	225	5	235	9	245	3	252	6	135	70	188	15	224	5

6. Energy Consumption in States (MUs)

Region	States	26-03-2018	27-03-2018	28-03-2018	29-03-2018	30-03-2018	31-03-2018	01-04-2018
NR	Punjab	122.6	127.0	127.9	126.0	127.9	117.0	119.3
	Haryana	120.1	120.0	122.8	121.1	119.2	115.8	155.9
	Rajasthan	180.0	179.3	180.6	177.1	173.8	174.9	183.0
	Delhi	70.5	73.4	75.0	74.5	75.5	73.7	79.0
	UP	296.9	293.1	305.7	300.6	285.1	262.3	305.4
	Uttarakhand	34.6	35.3	36.2	35.9	35.4	36.2	34.9
	HP	25.4	25.6	25.3	26.5	26.7	26.0	23.8
	J&K	41.6	43.2	38.2	42.0	39.5	40.1	44.4
Chandigarh	3.3	3.4	3.5	3.3	3.4	3.4	3.7	
WR	Chhattisgarh	88.3	87.9	86.9	89.6	88.0	87.3	74.7
	Gujarat	334.9	339.3	340.2	342.8	345.0	337.7	320.3
	MP	175.3	177.8	179.2	177.7	175.2	177.3	174.1
	Maharashtra	476.3	491.1	488.5	483.1	477.5	480.1	454.3
	Goa	10.2	10.5	10.5	10.5	10.5	10.5	9.6
	DD	7.1	7.4	7.5	7.4	7.3	6.9	6.0
	DNH	17.7	18.1	17.6	18.0	17.3	17.4	16.6
	Essar steel	11.0	11.2	11.0	10.7	11.1	12.8	10.7
SR	Andhra Pradesh	183.4	181.3	185.2	185.8	181.7	175.5	170.2
	Telangana	221.7	220.5	221.3	222.5	224.0	219.1	192.1
	Karnataka	234.6	240.1	241.2	238.8	228.9	219.2	208.7
	Kerala	77.6	79.7	80.0	79.3	73.2	76.3	66.9
	Tamil Nadu	326.9	336.9	344.1	346.4	341.1	331.8	311.2
	Pondy	7.5	7.8	7.7	7.7	7.8	7.9	7.2
ER	Bihar	80.7	82.4	82.6	82.9	70.5	61.3	74.4
	DVC	68.2	69.3	70.1	69.7	69.5	69.0	60.9
	Jharkhand	24.0	24.6	23.9	24.2	23.2	23.3	19.5
	Odisha	83.6	82.4	82.3	90.5	87.7	76.4	64.9
	West Bengal	159.1	158.1	163.0	162.4	157.6	143.2	115.5
	Sikkim	1.1	1.2	1.3	1.4	1.6	1.6	1.6
NER	Arunachal Pradesh	2.3	2.2	2.1	1.6	1.8	2.2	2.1
	Assam	21.6	20.0	21.3	19.8	18.4	20.2	20.8
	Manipur	2.4	2.0	2.3	2.4	1.5	1.8	2.1
	Meghalaya	5.0	4.9	4.9	4.7	4.5	4.7	4.2
	Mizoram	1.4	1.4	1.5	1.6	1.2	1.5	1.6
	Nagaland	2.0	2.0	2.1	2.0	2.0	1.9	1.9
	Tripura	3.3	3.7	4.0	4.1	2.3	2.5	2.1
ALL INDIA TOTAL		3522.1	3563.8	3597.2	3594.8	3516.9	3419.1	3343.7

पॉवर सिस्टम ऑपरेशन कारपोरेशन लिमिटेड
राष्ट्रीय भार प्रेषण केंद्र, नई दिल्ली

साप्ताहिक रिपोर्ट (26 मार्च से 01 अप्रैल 2018 तक)
(आई० ई० जी० सी० की धारा संख्या-5.5.1 के अंतर्गत)

7. अंतर्क्षेत्रीय विनिमय [प्रथम क्षेत्र से द्वितीय क्षेत्र को आयात (+) / निर्यात (-)]

दिनांक	26-03-2018	27-03-2018	28-03-2018	29-03-2018	30-03-2018	31-03-2018	01-04-2018
East to North	-53.2	-49.6	-49.4	-48.5	-54.0	-53.6	-46.3
East to West	32.1	34.5	27.0	41.3	52.2	44.4	42.4
East to South	-93.3	-93.2	-85.6	-88.4	-87.3	-96.0	-92.0
East to North-East	-2.0	-1.1	-2.6	-1.2	0.5	-0.8	-1.9
North-East to North	0.0	0.0	0.0	0.0	0.0	-3.6	-7.4
West to North	-96.2	-98.6	-106.6	-99.9	-98.3	-91.5	-108.5
West to South	-61.1	-60.0	-49.8	-46.1	-57.5	-72.5	-63.1

भूटान , नेपाल एव बांग्लादेश के साथ अंतरराष्ट्रीय विद्युत विनिमय INTERNATIONAL EXCHANGE WITH BHUTAN, NEPAL AND BANGLADESH साप्ताहिक रिपोर्ट (26 मार्च से 01 अप्रैल 2018 तक)								
अंतरराष्ट्रीय विद्युत विनिमय [भारत से दूसरे देश को आयात (+) / निर्यात (-)] Transnational Exchange from India (Import=(+ve) /Export =(-ve))								
दिनांक Date	भूटान BHUTAN		नेपाल NEPAL			बांग्लादेश BANGLADESH		
	Energy Exchange (In MU)	Day Average (MW)	Energy Exchange (In MU)	Day Peak (MW)	Day Average (MW)	Energy Exchange (In MU)	Day Peak (MW)	Day Average (MW)
26-03-2018	0.4	18	-7.4	-474	-309	-14.8	-652	-617
27-03-2018	0.8	35	-10.6	-469	-441	-14.8	-657	-617
28-03-2018	0.9	39	-10.9	-510	-453	-14.8	-647	-618
29-03-2018	3.4	141	-10.8	-287	-451	-14.5	-645	-603
30-03-2018	2.8	116	-8.2	-275	-343	-12.9	-628	-536
31-03-2018	2.5	104	-7.8	-337	-326	-7.5	-612	-312
01-04-2018	2.5	103	-9.4	-396	-393	-14.4	-646	-600
कुल Total	13.3		-65.2			-93.7		

8). Major Grid Incidences (Provisional):-

S.No.	Region	Name of Elements (Tripped/Manually opened)	Owner / Agency	Outage		Revival		Outage Duration	Event (As reported)	Generation Loss(MW)	Load Loss(MW)	Category as per CEA Grid Standards
				Date	Time	Date	Time	Time				
1	SR	1. 220 KV GazuwakaPG - Gazuwaka 2. 220 KV GazuwakaPG - MRS Ckt-1&2 3. 220 KV GazuwakaPG - Pendurthi Ckt-1&2 4. 220kV GazuwakaPG-Kalpakkka ckt-1&2 5. 220kV GazuwakaPG-Gangavaram 6. 220kV Kalpakka-Dairy Farm Ckt-2 7. 220kV Pendurthi - Dairy Farm Ckt-1&2 8. 220kV Pendurthi-Garividi Ckt-1&2 9. 220kV Pendurthi - BD Palem Ckt-1&2 10. 400/220kV ICT-1&2 at Gazuwaka	APTRANSCO	27-03-2018	16:10	27-03-2018	17:03	53 mins	Complete outage of 220kV Vizag (Gazuwaka) switching station: Triggering incident was R-phase CT blast. This resulted in tripping of all the connected elements due to operation of bus bar protection.	----	700	GD -1
2	SR	1. 220kV Sedam - Humnabad Ckt-1&2 2. 220kV Sedam - Tandur 3. 220kV Sedam - Raichur TPS ckt-1 &2 4. 220kV Sedam - Shahapur	KPTCL	30-03-2018	17:55	30-03-2018	18:55	1 hr	Complete outage of 220kV Sedam station. Bus bar protection operated. Details awaited.	----	44 MW	GD -1
3	SR	All elements connected to 220kV Stations Kozhikode, Area kode, Nallalam, Vadakara, Kanhirode, Malaparamba, Taliparamba.	KSEB	31-03-2018	17:15	31-03-2018	17:44	29 mins	Disturbance in North Kerala: Triggering incident was tripping of 400/220 ICT#1&2 at 400kV Kozhikode station due to operational mistake while charging 400/220kV ICT-3 at Kozhikode.	---	800 MW	GD-1
4	SR	1. 220kV Trichur-Palakkad-1 2. 220kV Trichur - Lower Periyar-1 3. 220kV Trichur-Shornur 4. 220kV Trichur-Ellapully 5. 400/220kV ICT#2&3	KSEB	26-03-2018	21:27	26-03-2018	23:24	1 hr 57 mins	Multiple tripping at 220kV Trichur station: Triggering incident was bus section Y-phase CT flashover. This resulted in tripping of all the elements conncted to bus section 1A and 1B.	---	---	GI-1
5	SR	1. 400kV Mysore-Kozhikode-2 400/220kV ICT-1 &2 at Kozhikode	PGCIL	31-03-2018	17:15	31-03-2018	17:44	29 mins	Multiple tripping at 400kV Kozhikode: While taking ICT-3 into service, 400kV Mysore ckt-2 and 400/220kV ICT-1&2 tripped.	---	---	GI-2
6	NR	1) 400kV Orai(UP)-Orai(PG) ckt-1 2) 400kV Orai(UP)-Orai(PG) ckt-2	POWERGRID /UP	28-03-2018	13:00	28-03-2018	17:20	4:20	400kV Orai(UP)-Orai(PG) ckt-1 tripped on B-N permanent fault after unsuccessful auto-reclosing. Ckt-2 also tripped along with ckt-1. 1000MVA, 765/400kV ICT-1 at Orai(PG) also tripped on protection mal-operation.	0	0	GI2
7	NR	1) 400kV Karcham(JSW)-Baspa(HP)-1 2) 400kV Karcham(JSW)-Baspa(HP)-2 3) 400kV Karcham(JSW)-Kala Amb(PG)-1 4) 400kV Karcham(JSW)-Kala Amb(PG)-2 5) 400kV Karcham(JSW)-Jhakri(SJVNL)-1 6) 400kV Jhakri(SJVNL)-Punchkula(PG)-1 7) 400kV Jhakri(SJVNL)-Punchkula(PG)-2 8) 400kV Jhakri(SJVNL)-Rampur(SJVNL)-1 9) 400kV Jhakri(SJVNL)-Rampur(SJVNL)-2 10) Running units at Karcham, Baspa, Jhakri, Rampur HEPs	HP/SJVNL/POWERGRID/JSW	29-03-2018	17:16	29-03-2018	18:04	0:48	Thunderstorm reported. Tripping of multiple lines in Karcham-Baspa-Jhakri-Rampur generation complex resulted in tripping runnig generation in the complex.	700	0	GD1
8	NR	1) 765kV Aligarh-Orai ckt-1 2) 765kV Aligarh-Orai ckt-2	POWERGRID	30-03-2018	00:11	30-03-2018	00:33	0:22	765kV Aligarh-Orai ckt-1 tripped on 3-phase fault. Ckt-2 also tripped along with ckt-1.	0	0	GI2

S.No.	Region	Name of Elements (Tripped/Manually opened)	Owner / Agency	Outage		Revival		Outage Duration	Event (As reported)	Generation Loss(MW)	Load Loss(MW)	Category as per CEA Grid Standards
				Date	Time	Date	Time	Time				
9	NR	1) 400kV Sarnath(UP)-Varanasi(PG)-1 2) 400kV Sarnath(UP)-Varanasi(PG)-2 3) 400kV Sarnath(UP)-Anpara(UP)-1 4) 400kV Sarnath(UP)-Anpara(UP)-2 5) 400/220kV, 315MVA ICT-1 at Sarnath 6) 400/220kV, 315MVA ICT-2 at Sarnath 7) 400/220kV, 500MVA ICT-2 at Sarnath 8) 400kV Sarnath(UP)-Azamgarh(UP)	UP	30-03-2018	22:07	30-03-2018	22:57	0:50	Y-ph CT of 400kV Azamgarh-Sarnath line at Sarnath busted. Complete outage of 400kV Sarnath(UP) due to operation of bus bar protection of both 400kV buses.	0	170	GD1
10	ERLDC	220 kV Rangpo - Tashiding S/C 220 kV Tashiding - New Melli S/C	ISTS	26-03-2018	17:19	26-03-2018	17:47	0:28	At 17:19 hrs 220 kV Tashiding - Rangpo S/C and 220 kV Tashiding - New Melli (Did not trip at New Melli end) S/C tripped at Tashiding end due to Y-N fault resulting S/S dead at Tashiding.	0	0	GD-I
11	ERLDC	400/220 kV ICT - I, II & III at Biharshariff 220 kV Tenughat Biharshariff S/C	ISTS	28-03-2018	18:43	28-03-2018	19:17	0:34	Due to Y phase jumper snapping of 220 kV side of 400/220 kV ICT - III resulted tripping of all three 400/220 kV ICTs at Biharshariff and 220 kV Tenughat - Biharshariff S/C (From Tenughat in Z-III) resulting load loss at nearby area.	10	560	GD-I
12	ERLDC	400 kV Farakka Malda I 400kV Farakka - Gokarno - I 400 kV Farakka - Kahalgaon - I 400 kV Farakka - Malda - II 400 kV Farakka - Sagardighi S/C	ISTS	30-03-2018	13:57	30-03-2018	19:35	5:38	At 13:57 hrs all main bays connected to 400 kV bus II at Farakka tripped due to Y-N fault resulting tripping of 400 kV Farakka Malda I, unit V at Farakka and 400/220 kV ICT at Farakka. During restoration attempt at 14:29 hrs both 400 kV bus I & II at Farakka tripped along with unit I, II, III & VI at Farakka, 400kV Farakka - Gokarno - I, 400 kV Farakka - Kahalgaon - I, 400 kV Farakka - Malda - II and 400 kV Farakka - Sagardighi S/C. 400 kV Farakka - Baharampur, 400 kV Farakka - Durgapur D/C & Farakka - Kahalgaon -II remain connected through tie breaker at Farakka s/s	740	0	GD-I
13	NER	132 kV P K Bari - Kamalpur Line, 132 kV Agartala - AGTCCPP I and II Lines, 132 kV Monarchak - Rokhia Line, 132 kV Jirinia - Budhjangnagar Line and 132 kV Palatana - Surajmaninagar Lines	POWERGRID & TSECL	26-Mar-2018	17:47:00	26-Mar-2018	18:06:00	00:19:00	Part of Tripura Power System consisting load of Kamalpur, Dhalabil, Agartala, Surajmaninagar and Budhjangnagar, generation of Rokhia Power Station and Monarchak Power Station and South Comilla load of Bangladesh Power System were connected with rest of NER Grid through 132 kV P K Bari - Kamalpur Line, 132 kV Agartala - AGTCCPP I and II Lines, 132 kV Monarchak - Rokhia Line, 132 kV Jirinia - Budhjangnagar Line and 132 kV Palatana - Surajmaninagar Lines. 132 kV Ambassa - Kamalpur Line kept open at Ambassa. 66 kV Ompi - Amarpur, 66 kV Udaipur - Gokulnagar and 66 kV bagafa - Belonia line kept open(due to phase sequence issue) At 17:47 Hrs on 26.03.2018, 132 kV P K Bari - Kamalpur Line, 132 kV Agartala - AGTCCPP I and II Lines, 132 kV Monarchak - Rokhia Line, 132 kV Jirinia - Budhjangnagar Line and 132 kV Palatana - Surajmaninagar Line tripped. Due to tripping of these elements, part of Tripura Power System and South Comilla were separated from rest of NER Grid and subsequently collapsed due to load generation mismatch.	44	256	GD-II
14	NER	132 kV AGTCCPP - Agartala 1 and 2 Lines	POWERGRID	31-Mar-2018	08:24:00	31-Mar-2018	08:55	0:31	AGTCCPP was connected with rest of NER Grid through 132 kV AGTCCPP - Agartla 1 and 2 Lines. 132 kV AGTCCPP - Kumarghat line was under outage since 16:42 Hrs on 30.03.2018. At 08:24 Hrs on 31.03.2018, 132 kV AGTCCPP - Agartla 1 and 2 Lines tripped. Due to tripping of these elements, AGTCCPP was separated from rest of NER Grid and subsequently collapsed due to load generation mismatch.	56	0	GD-1

S.No.	Region	Name of Elements (Tripped/Manually opened)	Owner / Agency	Outage		Revival		Outage Duration	Event (As reported)	Generation Loss(MW)	Load Loss(MW)	Category as per CEA Grid Standards
				Date	Time	Date	Time	Time				
15	NER	132 kV Agartala - Rokhia 1 and 2 Lines and 132 kV Monarchak - Rokhia Line	TSECL	31-Mar-2018	08:26	31-Mar-2018	09:01	0:35	Rokhia area of Tripura Power System was connected with rest of NER Grid through 132 kV Agartala - Rokhia 1 and 2 Lines and 132 kV Monarchak - Rokhia Line. 66 kV Rokhia - Badarghat line and 66 kV Bagafa - Belonia line were kept open (Phase sequence issue). At 08:26:00 Hrs on 31.03.2018, 132 kV Agartala - Rokhia 1 and 2 Lines and 132 kV Monarchak - Rokhia Line tripped. Due to tripping of these elements, Rokhia area of Tripura Power System was separated from rest of NER Grid and subsequently collapsed due to load generation mismatch..	96	8	GD-1