



**National Load Despatch Centre**  
**POWER SYSTEM OPERATION CORPORATION LIMITED**  
(A wholly owned subsidiary of POWERGRID)  
CIN No.: U40105DL2009GOI188682  
B-9, QUTUB INSTITUTIONAL AREA, KATWARIA SARAI, NEW DELHI -110016

Ref: POSOCO/NLDC/SO/Weekly Report

Date: 03<sup>rd</sup> May 2019

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. कार्यपालक निदेशक, ऊ. क्षे. भा. प्रे. के., 18/ ए , शहीद जीत सिंह सनसनवाल मार्ग, नई दिल्ली - 110016  
Executive Director, 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 नोंग्रह , लापलंग, शिलोंग - 793006  
Executive Director, NERLDC, Dongteih, Lower Nongrah, Lapalang, Shillong - 793006, Meghalaya
5. कार्यपालक निदेशक, द. क्षे. भा. प्रे. के., 29, रेस कोर्स क्रॉस रोड, बंगलुरु - 560009  
Executive Director, SRLDC, 29, Race Course Cross Road, Bangalore-560009

Sub: Weekly Status Report 22<sup>nd</sup> April 2019 to 28<sup>th</sup> April 2019.

महोदय/Dear Sir,

आईईजीसी-2010 की धारा स.- 5.5.1 के प्रावधान के अनुसार, 22 अप्रैल 2019 से 28 अप्रैल 2019, सप्ताह की अखिल भारतीय प्रणाली की ग्रिड निष्पादन रिपोर्ट राभाप्रेके की वेबसाइट पर निम्न लिंक 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 22<sup>nd</sup> April 2019 to 28<sup>th</sup> April 2019, is available at the NLDC website.

Thanking You.

Yours faithfully,

  
f GM (SO)

पावर सिस्टम ऑपरेशन कारपोरेशन लिमिटेड

राष्ट्रीय भार प्रेषण केंद्र, नई दिल्ली

साप्ताहिक रिपोर्ट (22 अप्रैल से 28 अप्रैल 2019 तक)

रिपोर्टिंग तिथि:-

3-May-19

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

1. अधिकतम मांग आपूर्ति और अधिकतम कमी (मे०वा०)

दिनांक	उत्तरी क्षेत्र		पश्चिमी क्षेत्र		दक्षिणी क्षेत्र		पूर्वी क्षेत्र		पूर्वोत्तर क्षेत्र		कुल	
	अधिकतम मांग आपूर्ति	अधिकतम कमी	अधिकतम मांग आपूर्ति	अधिकतम कमी	अधिकतम मांग आपूर्ति	अधिकतम कमी	अधिकतम मांग आपूर्ति	अधिकतम कमी	अधिकतम मांग आपूर्ति	अधिकतम कमी	अधिकतम मांग आपूर्ति	अधिकतम कमी
	(मे०वा०)	(मे०वा०)	(मे०वा०)	(मे०वा०)	(मे०वा०)	(मे०वा०)	(मे०वा०)	(मे०वा०)	(मे०वा०)	(मे०वा०)	(मे०वा०)	(मे०वा०)
22-04-2019	47645	507	50357	25	40828		20259		2435	137	161524	669
23-04-2019	49837	512	47919		42232		20654		2605	32	163247	544
24-04-2019	47698	605	50853		43941		21899	200	2638	117	167029	922
25-04-2019	50958	532	51370	30	44505		22527		2733	56	172093	618
26-04-2019	52129	548	51580	30	43411	29	21820		2549	199	171489	806
27-04-2019	50974	548	51831	30	43411	20	21820		2549	199	170585	797
28-04-2019	48941	529	49191		40163		21518		2104	465	161917	994

2. ऊर्जा आपूर्ति और पनबिजली उत्पादन (मि०यू०)

क्षेत्र / तिथि	उत्तरी क्षेत्र		पश्चिमी क्षेत्र		दक्षिणी क्षेत्र		पूर्वी क्षेत्र		पूर्वोत्तर 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)
22-04-2019	1002	213	1228	42	987	68	416	42	41	6	3675	372
23-04-2019	1059	238	1207	37	974	63	432	52	45	6	3717	396
24-04-2019	1063	242	1243	42	1014	74	454	59	47	6	3821	422
25-04-2019	1108	254	1269	50	1037	77	473	66	48	6	3936	454
26-04-2019	1119	262	1276	43	1052	86	474	71	46	5	3967	467
27-04-2019	1092	260	1272	40	1052	86	474	71	46	5	3937	462
28-04-2019	1054	262	1247	35	992	66	471	76	40	4	3804	443

3. आवृत्ति (प्रतिशत समय में)

तिथि	49.8-49.9	<49.9	49.9-50.05	>50.05	Average	FVI
	ऑ० ई० ग्रिड	ऑ० ई० ग्रिड	ऑ० ई० ग्रिड	ऑ० ई० ग्रिड	ऑ० ई० ग्रिड	ऑ० ई० ग्रिड
22-04-2019	6.06	6.40	78.11	15.49	49.99	0.035
23-04-2019	5.17	5.23	67.44	27.33	50.02	0.038
24-04-2019	9.48	10.45	72.28	17.27	49.99	0.048
25-04-2019	7.09	7.30	78.66	14.04	49.99	0.034
26-04-2019	3.31	4.03	73.46	22.51	50.01	0.034
27-04-2019	9.77	10.88	65.34	23.78	50.00	0.057
28-04-2019	1.70	1.70	66.39	31.91	50.03	0.036

\*NEW & SR grid running in synchronisation.

4. NEW ELEMENTS COMMISSIONED

1. 400/220 kV 315 MVA ICT-II at Bokaro first time charged on 25-04-2019 at 19:14 hrs.

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

Region	Date	22-04-2019		23-04-2019		24-04-2019		25-04-2019		26-04-2019		27-04-2019		28-04-2019	
	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	6076	0	6233	0	5547	0	6305	0	6508	0	6660	0	6740	0
	Haryana	7240	0	7301	0	7102	0	7353	0	7550	0	7436	38	7467	0
	Rajasthan	9477	0	9808	0	9788	0	10076	0	10343	0	10269	0	10170	0
	Delhi	4525	0	4802	0	5243	0	5468	0	5270	0	4947	0	4886	0
	UP	17507	0	18371	0	18890	0	18697	0	19370	0	19002	0	19268	0
	Uttarakhand	1882	0	1868	0	1922	0	1869	0	1885	0	1911	0	1803	0
	HP	1343	0	1314	0	1301	0	1307	0	1312	0	1344	0	1219	0
	J&K	2149	537	2049	512	1790	447	2126	532	2261	565	2249	562	2206	551
Chandigarh	202	0	222	0	244	0	239	0	241	0	214	0	203	0	
WR	Chhattisgarh	4389	0	4390	0	4542	0	4490	0	4551	0	4574	0	4544	0
	Gujarat	17049	0	16451	0	17296	0	17301	0	17609	0	17399	0	17181	0
	MP	9224	0	9390	0	9515	0	9634	0	9758	0	9762	0	9688	0
	Maharashtra	22464	0	22229	0	22543	0	22973	0	22697	0	22933	0	21987	0
	Goa	548	0	440	0	440	0	541	30	541	30	541	30	541	0
	DD	336	0	309	0	333	0	331	0	340	0	331	0	312	0
	DNH	805	0	785	0	810	0	816	0	785	0	789	0	782	0
Essar steel	302	0	325	0	315	0	302	0	323	0	289	0	328	0	
SR	Andhra Pradesh	8354	0	8496	0	8616	0	8724	0	8997	0	8997	0	8801	0
	Telangana	7577	0	7544	0	7993	0	8120	0	8078	0	8078	0	7760	0
	Karnataka	12079	0	11947	0	11602	0	12023	0	12485	0	12485	0	11341	0
	Kerala	3892	0	3530	0	3739	0	3707	0	4054	0	4054	0	3915	0
	Tamil Nadu	14568	0	14746	0	15357	0	15741	0	15599	0	15599	0	14273	0
	Pondy	435	0	426	0	421	0	426	0	416	0	416	20	393	0
ER	Bihar	4756	0	5000	0	5243	0	5043	0	5111	0	5111	0	5080	0
	DVC	3138	0	3055	0	3191	0	3231	0	3285	0	3285	0	3229	0
	Jharkhand	1199	0	1000	0	1123	0	1273	0	1289	0	1289	0	1259	0
	Odisha	3521	0	4268	0	4620	200	5116	0	4714	0	4714	0	4606	0
	West Bengal	8190	0	8374	0	8841	0	8821	0	8877	0	8877	0	8850	0
	Sikkim	95	0	98	0	96	0	96	0	94	0	94	0	86	0
NER	Arunachal Pradesh	116	1	126	2	119	2	121	3	165	1	165	1	112	3
	Assam	1473	83	1536	15	1621	56	1693	23	1522	80	1522	80	1197	314
	Manipur	152	2	168	1	169	3	158	4	167	2	167	2	131	48
	Meghalaya	306	0	323	0	319	0	297	0	301	0	301	0	334	0
	Mizoram	93	1	93	1	94	5	94	3	96	2	96	2	92	2
	Nagaland	133	3	128	2	121	4	130	2	135	1	135	1	128	4
	Tripura	296	1	299	1	291	12	294	9	289	5	289	5	254	9

## 6. Energy Consumption in States (MUs)

Region	States	22-04-2019	23-04-2019	24-04-2019	25-04-2019	26-04-2019	27-04-2019	28-04-2019
NR	Punjab	122.1	129.0	108.6	126.4	132.7	133.3	126.3
	Haryana	128.2	138.6	141.7	144.5	146.7	143.3	132.9
	Rajasthan	205.5	216.8	221.1	226.7	226.5	228.3	224.7
	Delhi	91.9	99.3	106.7	111.4	109.7	103.2	98.7
	UP	342.3	362.0	380.7	387.1	387.1	364.0	358.7
	Uttarakhand	38.3	39.5	41.2	40.5	41.2	40.9	38.7
	HP	25.4	26.0	24.8	25.4	27.5	28.1	25.7
	J&K	44.2	43.0	33.7	41.7	42.6	46.3	44.2
	Chandigarh	4.1	4.4	4.6	4.8	4.8	4.5	4.1
WR	Chhattisgarh	99.9	100.5	102.6	103.9	105.5	104.0	104.1
	Gujarat	381.2	359.9	379.2	387.3	392.9	389.6	375.4
	MP	206.1	212.0	216.4	219.3	221.0	221.0	217.3
	Maharashtra	495.0	494.5	500.6	513.1	511.8	513.3	504.1
	Goa	13.8	13.8	13.8	13.5	13.5	13.5	13.5
	DD	7.5	5.1	6.8	7.4	7.6	7.6	7.2
	DNH	18.7	16.2	18.1	19.0	18.4	18.2	18.3
	Essar steel	6.0	5.5	5.2	5.7	5.2	5.4	6.7
SR	Andhra Pradesh	177.6	178.2	186.1	189.3	193.3	193.3	189.0
	Telangana	161.6	164.1	171.1	176.0	176.9	176.9	171.1
	Karnataka	235.4	230.6	233.1	241.9	236.5	236.5	219.1
	Kerala	79.3	68.5	77.4	78.4	84.3	84.3	79.3
	Tamil Nadu	324.7	323.2	337.7	342.2	352.2	352.2	325.7
	Pondy	8.9	9.0	8.9	9.1	9.1	9.1	8.3
ER	Bihar	93.5	89.4	98.1	99.8	99.6	99.6	94.2
	DVC	66.6	66.1	67.9	68.7	70.3	70.3	77.2
	Jharkhand	23.4	24.1	25.1	26.5	27.4	27.4	26.5
	Odisha	79.9	90.8	92.0	95.4	96.5	96.5	94.6
	West Bengal	151.5	160.4	170.0	181.2	178.9	178.9	177.7
	Sikkim	1.2	1.3	1.4	1.4	1.2	1.2	1.0
NER	Arunachal Pradesh	1.9	2.2	2.1	2.2	2.3	2.3	2.1
	Assam	23.8	25.8	27.1	28.9	27.0	27.0	22.0
	Manipur	2.6	2.6	2.6	2.8	2.7	2.7	1.9
	Meghalaya	5.0	5.5	5.4	5.0	5.3	5.3	5.3
	Mizoram	1.6	1.7	1.8	1.8	1.9	1.9	1.8
	Nagaland	2.1	2.2	2.0	2.1	2.1	2.1	2.2
	Tripura	4.3	5.3	5.6	5.4	5.1	5.1	4.5
<b>ALL INDIA TOTAL</b>		<b>3674.8</b>	<b>3717.1</b>	<b>3821.1</b>	<b>3935.7</b>	<b>3967.0</b>	<b>3936.8</b>	<b>3803.8</b>

**पाँवर सिस्टम ऑपरेशन कारपोरेशन लिमिटेड**  
**राष्ट्रीय भार प्रेषण केंद्र, नई दिल्ली**

साप्ताहिक रिपोर्ट (22 अप्रैल से 28 अप्रैल 2019 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	22-04-2019	23-04-2019	24-04-2019	25-04-2019	26-04-2019	27-04-2019	28-04-2019
East to North	-64.8	-60.4	-52.7	-55.9	-45.7	-45.7	-46.5
East to West	40.7	44.4	56.9	55.4	56.0	56.0	51.1
East to South	-97.1	-91.9	-91.9	-96.3	-95.7	-95.7	-100.6
East to North-East	11.6	9.7	8.3	5.8	8.7	8.7	14.8
North-East to North	12.9	14.9	15.0	16.1	15.9	15.9	16.4
West to North	-120.6	-142.3	-136.1	-147.1	-135.5	-115.2	-96.0
West to South	-72.0	-68.3	-68.9	-68.8	-77.7	-90.2	-96.2

**भूटान , नेपाल एव बाग्लादेश के साथ अंतरराष्ट्रीय विद्युत विनिमय INTERNATIONAL  
EXCHANGE WITH BHUTAN, NEPAL AND BANGLADESH**

**साप्ताहिक रिपोर्ट (22 अप्रैल से 28 अप्रैल 2019 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			बाग्लादेश BANGLADESH		
	Energy Exchange	Day Average (MW)	Energy Exchange	Day Peak (MW)	Day Average (MW)	Energy Exchange	Day Peak (MW)	Day Average (MW)
22-04-2019	5.4	223	-8.8	-523	-366	-21.5	-1007	-894
23-04-2019	6.5	271	-8.6	-543	-359	-23.5	-1120	-979
24-04-2019	5.1	211	-10.5	-545	-436	-24.0	-1119	-1000
25-04-2019	8.4	350	-9.7	-527	-404	-24.4	-1110	-1015
26-04-2019	11.4	473	-8.2	-420	-343	-23.8	-1130	-993
27-04-2019	11.4	473	-8.3	-420	-346	-23.8	-1130	-993
28-04-2019	11.3	470	-7.8	-547	-326	-24.7	-1141	-1031
<b>कुल Total</b>	<b>59.3</b>		<b>-62.0</b>			<b>-165.7</b>		

### Major Grid Events for April-2019\_Week -4

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		
1	NR	1) 220 kV Bus I & II at Khetri 2) 220 kV Khetri- Ratanar ckt-1 & 2 3) 220 kV Khetri- Babi ckt-1 & 2 4) 220 kV Khetri- Dari(BBMB) ckt-1 & 2 5) 220 kV Khetri- Chirava 6) 220 kV Khetri- Jhunjhunu 7) 220 kV Khetri- Behrr and 50/35/35 MVA ICT -I, II & III at Khetri 8) 220 kV Bus-1 at Dadri (BBMB) 9) 220 kV Dadri (BBMB) - Mahendergarh 10) 220 kV Dadri (BBMB) - Bhiwancnt-1 & 311) 220 kV Dadri (BBMB) - Lula Ahir 12) 220 kV Dadri (BBMB) - Samaypu. 13) 100 MVA ICT-I at Dadri (BBMB)	Rajasthan and BBMB	23-Apr-19	21:59	23-Apr-19	23:30	1:31		120	GD-1	
2	NR	1) 400kV Kishenpur(PG)-New Wanpoh(PG) ckt-1 2) 400kV Kishenpur(PG)-New Wanpoh(PG) ckt-3	POWERGRID	25-Apr-19	22:25	25-Apr-19	22:37	00:12	400kV Kishenpur(PG)-New Wanpoh(PG) ckt-1 tripped Y-B fault, 118.2km from Kishenpur(PG) end. At the same time, 400kV Kishenpur(PG)-New Wanpoh(PG) ckt-3 also tripped on R-N fault, 103km from Kishenpur(PG) end. As per PMU, R-Y-B fault followed by R-N fault is observed. In antecedent conditions, 400kV Kishenpur(PG)-New Wanpoh(PG) ckt-1 & 3 carrying 34 MW & 33 MW respectively.		GI-2	
3	NR	1) 400kV Bus 1 at 400kV Parbati(3) HEP(NHPC) 2) 400kV Parbati(3) HEP(NHPC)-Sainj HEP(HPPCL) 3) 400kV Parbati(3) HEP(NHPC)-Parbati Pool(PG)	NHPC/HPPCL/POW ERGRID	26-Apr-19	4:30	26-Apr-19	06:28	01:58	During synchronization of unit no- 4 bus bar protection operated at 400kV Parbati(3) HEP(NHPC) resulting in tripping of 400kV Parbati(3) HEP(NHPC)-Sainj HEP(HPPCL) and 400kV Parbati(3) HEP(NHPC)-Parbati Pool(PG). As per PMU, R-N fault with no auto-reclosing attempt is observed in the system.	30	GD-1	
4	NR	1) 220kV Tanakpur(NHPC)-Sitarganj(PG) 2) 220kV Cbganj(UP)-Tanakpur(NHPC) 3) 132kV Mahendranagar(Nepal)-Tanakpur(NHPC) 4) 40 MW Units#1, #2 and #3 at 220kV Tanakpur(NHPC)	NHPC, POWERGRID & UP	26-Apr-19	20:08	26-Apr-19	21:34	01:26	LBB Operated due to fire in Bus Coupler at 220kV Tanakpur(NHPC) resuting in tripping of 220kV Tanakpur(NHPC)-Sitarganj(PG), 220kV Cbganj(UP)-Tanakpur(NHPC), 132kV Mahendranagar(Nepal)-Tanakpur(NHPC) and Units#1, #2 and #3. As per PMU, B-N fault with delayed clearance is observed. In antecedent conditions, Units#1, #2 and #3 generating 31MW, 31MW & 32MW respectively.	90	GD-1	
5	NR	1) 220kV Tanakpur(NHPC)-Sitarganj(PG) 2) 220kV Cbganj(UP)-Sitarganj(PG)	POWERGRID, NHPC & UP	28-Apr-19	14:12	28-Apr-19	14:50	00:38	220kV Tanakpur(NHPC)-Sitarganj(PG) tripped on B-N fault, 23.5 Km from Sitarganj(PG) end. At the same time, 220kV Cbganj(UP)-Sitarganj(PG) also tripped on B-N fault, 27.4 km from Sitarganj(PG) end. As per PMU, multiple B-N faults are observed in the system. In antecedent conditions, 100 MVA ICT 1 and 2 carrying 26 MW & 21 MW respectively.		GI-2	
6	NR	1) 400kV Dasna(UP)-Hapur 765(UP) ckt-1 2) 400kV Dasna(UP)-Hapur 765(UP) ckt-2 3) 400kV Bus 1 at 400/220kV Dasna(UP) 4) 315 MVA ICT 1 at 400/220kV Dasna(UP) 5) 315 MVA ICT 2 at 400/220kV Dasna(UP)	UP	29-Apr-19	13:11	29-Apr-19	16:16	03:05	400kV Dasna(UP)-Hapur 765(UP) ckt-2 tripped on R-N fault. Bus bar protection of 400kV Bus 1 at 400/220kV Dasna(UP) operated leading to tripping of 315 MVA ICT 1 and 400kV Dasna(UP)-Hapur 765(UP) ckt-2. As per PMU, Multiple R-N faults are observed. In antecedent conditions, 400kV Dasna(UP)-Hapur 765(UP) ckt-1 & 2 carrying 24 MW each.	48	GD-1	
7	NR	1) 400 kV Bus 1 at 400/220kV Obra TPS(UP) 2) 315 MVA ICT 1 at 400/220kV Obra TPS(UP) 3) 200 MW Unit#9 at 400/220kV Obra TPS(UP)	UP	29-Apr-19	14:21	29-Apr-19	17:00	02:39	400 kV Bus 1 and 315 MVA ICT 1 tripped due to operation of LBB protection of breaker of unit-09. As per PMU, No fault is observed in the system. In antecedent conditions, Unit#9 generating 108 MW and 315 MVA ICT 1 carrying 110 MW.	108	GD-1	
8	WR	Tripping of 1.400/220 kV Wanakbori ICT 1 2.210 MW Wanakbori Unit 4	GSECL	27-04-2019	00:59	27-04-2019	03:42	02:43	At 400 kV Wanakbori power station, 400/220 kV ICT 1 & Unit 4 GT Tie bay B phase CT blasted and resulted in tripping of the main bays of the above said elements.	152	Nil	GI-2
9	WR	Tripping of 1.400 kV Wanakbori-Asoj 2.400 kV Wanakbori-Dehgam 1 3.400 kV Wanakbori-Soja 1 4.210 MW Wanakbori Units 4,6&7	GSECL	27-04-2019	21:21	27-04-2019	23:05	01:44	At 400 kV Wanakbori power station, 400 kV Soja 1 & Unit 7 GT Tie bay B phase CT blasted and resulted in tripping of 400 kV Bus 2, 400 kV Wanakbori-Asoj,400 kV Wanakbori-Dehgam 1, 400 kV Wanakbori-Soja 1 and 210 MW Wanakbori Units 4,6&7	460	Nil	GI-2
10	WR	Tripping of 1.220 kV Pithampur-Badnagar 2.220 kV Pithampur Interconnector 1&2 3.400/220 kV 315 MVA Pithampur ICT 1&2	MPPTCL	28-04-2019	07:28	28-04-2019	08:16	00:48	At 400/220 kV Pithampur s/s, R phase CT of 220 kV Pithampur Interconnector blasted and all the elements connected to 220 kV Bus 1 and 2 tripped.	Nil	Nil	GI-1
11	WR	Tripping of 1.400 kV Wanakbori-Asoj 2.210 MW Wanakbori Unit 5	GSECL	28-04-2019	22:46	29-04-2019	01:19	02:33	At 400 kV Wanakbori power station, 400 kV Asoj & Unit 5 GT Tie bay CT blasted and resulted in tripping of the main bays of the above said elements.	147	Nil	GI-2

12	WR	Tripping of 1.400 kV Parli(MH)-Lonikhand 1 2.400 kV Parli(MH)-Nanded 1&2 3.400 kV Parli(MH)- Chandrapur 4.400 kV Parli(MH)-Parli(PG) 5.400/220 kV Parli(MH) ICT 3	MSETCL	29-04-2019	18:07	29-04-2019	19:14	01:07	At 400 kV Parli(MH) s/s, Y phase CT of 400 kV Chandrapur blasted and resulted in tripping of all the elements connected to 400 kV Bus 2 on Bus bar protection operation.	Nil	Nil	GI-2
13	WR	Tripping of 1.220 kV Seoni(MP)-Seoni(PG) 1&2 2.220/132 kV 160 MVA Seoni(MP) ICTs 1&2	MPPTCL	29-04-2019	18:10	29-04-2019	18:49	00:39	At 220 kV Seoni(MP) s/s, 220 kV bus coupler B phase CT blasted and resulted in tripping of 220 kV Seoni(MP)-Seoni(PG) 1&2 and 220/132 kV 160 MVA Seoni(MP) ICTs 1&2. 132 kV Lalbuara, Pench, Mandla and Seoni load got affected due to the event.	Nil	135	GD-1
14	WR	Tripping of 1.400 kV Wanakbori-Dhegam 1 2.210 MW Wanakbori Units 4,5&7	GSECL	29-04-2019	23:04	30-04-2019	00:04	01:00	At 400 kV Wanakbori power station,while closing the tie breaker (408) of Dehgam line and Unit 6 GT at Wanakbori,tie line-1 tie breaker tripped due to which 400kV main bus-2 got isolated. Due to isolation of 400kV Bus-2, Unit-4, Unit-5 and Unit-7 tripped due to loss of evacuation path.	400	Nil	GI-2
15	ER	220 kV Patna Khagul S/C	JUSNL	27-Apr-19	12:47	27-Apr-19	13:03	00:16	220 kV Arrah Khagul D/C were out of service due to reduce the loading of 220 kV Patna Sipara S/C. 220 kV Khagul Sipara S/C was under breakdown prior to the incident. So Khagul was connected to only one source i.e. Patna. At 12:47 hrs 220 kV Patna Khagul S/C tripped on B-N fault resulting total power failure at Khagul S/C.	0	147	GD-1
16	ER	220 KV Patratu-Tenughat S/C 220 KV Patratu-Hatia I 220 KV Patratu-Hatia II 132 KV Patratu-Patratu D/C 132 KV Patratu - Hatia (old) S/C 132 KV Patratu - Kanke S/C	JUSNL	29-Apr-19	12:37	29-Apr-19	13:22	00:45	At 12:37 Hrs, all lines emanating from 220 KV Patratu S/s tripped leading to a total power failure of the S/S	0	65	GD-1
17	ER	765 KV Bus I at Angul 765/400 KV ICT IV 765 KV Angul Jharsuguda IV.	ISTS	30-Apr-19	02:15	30-Apr-19	03:37	01:22	At 2:15hrs, 765 KV Bus I at Angul tripped on Bus bar protection due to B ph bursting of CT associated with Tie bay of 765 KV Angul Jharsuguda IV. At the same time,1500 MVA 765/400 KV ICT IV also tripped on back up O/C protection.	0	0	GD-1
18	SR	i. 400kV/220 kV ICT-1 at Bidadi ii. 400kV Bidadi Neelamangala-1 iii. 400KV Bidadi Tumkur-1 iv. 400KV Bidadi Somanahalli-1	PGCIL SR-2	25-Apr-19	08:01	25-Apr-19	08:37	0:36	<b>Tripping of Bus-1 at 400kV Bidadi SS:</b> Triggering incident was failure of R-ph CB of bus reactor at 400kV Bidadi. Bus reactor was connected to bus-1 during antecedent conditions. Hence, Bus bar protection of Bus-1 operated resulting in the tripping of all the connected elements. 400kV/220kV ICT#1 at Bidadi also got tripped during this event.	-	-	GI-2