

Flash Report : SLDC/STU/Users/Transmission agency/Generators

MPPTCL/AUG-2016/GD –I Name of Incident: 220 KV REWA-BIRSINGPUR Ckt.

1. Date and Time: 04/08/2016 and 12:04 Hrs.

2. Antecedent Conditions

I. Frequency of NEW Grid/SR Grid

Event	Frequency	Time(hh:mm)
Pre incident	50.10 HZ	12:00 Hrs.
Post Incident	50.10 HZ	12:20 Hrs.

II. Demand Met - pre:4850MW / post:4610 MW

- State Generation – pre:2982MW/ post:2971MW
- State Load - - pre: 4850 MW / post:4610 MW

3. Event Description: 220 KV Rewa-Birsingpur ckt tripped due to transient fault because of which 220 KV Sidhi-Amarkantak Ckt. further tripped due to overloading.

4. Lines/ICT/Units tripped and Restoration

Lines/ICT/Unit Tripped	Load prior to fault	Tripping time	Restoration Time
220 KV Rewa-Birsingpur Ckt	103 MW	12:04 Hrs	12:20 Hrs.
220 KV Sidhi-Amarkantak Ckt	135 MW	12:16 Hrs	12:37 Hrs.
220 KV Rewa-Sidhi Ckt	12 MW	12:16 Hrs	12:52 Hrs.

5. Areas Affected By Disturbance : Due to tripping, there was 14 Min interruption at 220 KV S/s Rewa, 22 Min interruption at 220 KV S/s Sidhi. Further there was interruption at 220 KV S/s Sirmour, 132 KV S/s Jhinaa, 132 KV S/s Devlond, 132 KV S/s Amarpatan, 132 KV S/s Deosar, 132 KV S/s Mauganj, 132 KV S/s Mangawan, 132 KV S/s Katra, 132 KV S/s Rampur Naikin, 132 KV S/s Beohari, 132 KV S/s Sidhi, 132 KV S/s Rewa.

6. Load Loss : Approx 180 MW

7. Generation Loss : NIL

8. SUPPLY RESUMED FROM : 220 KV Rewa-Tons Ckt II charged at 12:30 Hrs.


Shift Charge Manager

SHIFT INCHARGE
State Load Despatch Centre
MPPTCL, Jabalpur

: SYSTEM_OVRW_MW1,RECON[EMS] W
 mand: capture/landscape/NoColor/prolog="C:\Program Files\Etierre_terrabrowser\WebFGCache\Configprint.ps?queue=WMPMOML2
 Application: RECON
 Family: EMS
 User ID: MP/EMS

report: A
 al Time: 04-08-2016 15:45:16
 kstation: WMPMOTC1
 isole: USREMS

SYSTEM OVERVIEW MW																	
SYS FRQ C 50.10																	
04-Aug-2016 12:00:00pm																	
THERMAL GEN		HYDEL GEN		CENTRAL SECTOR		1/3 400KV L/N MPPTC12/4		1/3 PG 765 KV LINE 2/4		400KV L/N PG CIL 2/4		765KV		400KV		220KV	
STP #	0	BARGI	30	AST	+30	KSTPS	193	AST-STP	+61	BLP-SEO	+906	BIA-BIA(P)	771	414	230	S	
#7	0	BHS II	0	BNA	+124 S	M	1	BRS-KTN	+191	BPL-IND	+45	BIA-BIA	772	418	233	S	
#8	0	BHS III	0	BRS	+114 S	2	0	KTH-DMH	+43	BNA-GWL	+903	BRS	418	230	S		
#9	-1	BRS	19	BPL	+118	3	0	BPL-BNA	+46	BPL-BRL7	+128	CHG	412	236	S		
#10	0	G-SAGAR	1	BPL-ITA	+127	4	0	BPL-ITA	+26	BPL-DMH	+105	DMH	414	213	S		
#11	1	MADKHO	59	CHG	+83	5	14	S BNA-JPB	+9	GWL-AGR	+1629	GWL765	394	225	S		
TOTAL	0	PENCH	31	IND	+79	6	90	IND-NGD	+136	GWL-JAI	+857	IND773	411	226	S		
SG #1	0	RAUGHAT	18	JUL	+0	7	0	IND-NGD	+360	JBP-BNA	+402	ITA	418	229	S		
#2	0	TONS	#103	KTN	+88	8	0	IND-ISP	+356	SEO-WAR	+429	JBL792	411	233	S		
#3	0	TOT	#287	NGD	+23	9	0	STH-BNA	+644	STH-BNA	+644	JUL	399	223	S		
#4	0	TOT	#3-1	PTM	+74	10	287	STN-SAS	+834	STH-SAS	+834	KTN	423	232	S		
#5	378	ZENHA	0	SGH	+1	11	145	STH-IND	+76	STH-GWL	+1109	KNW	424	234	S		
TOTAL	376	OSP	435	STP	+131	12	155	SGH-CHG	+0	VST-STN	+746	NGD	416	226	S		
AMK #1	0	BIOMASS	14	PGICTS		13	209	SGH-JUL	+0	VST-SAS	+133	PTM	412	227	S		
SSTPS #1	1	WHID	684	BNA	+113	1997	S	STP-SEO	+164	ICT765/400	2/4	RAJ	424	234	S		
#2	0	SOLAR	139	DMH	+98	2259	T	STP-ISP	+45	BIA	+48	SEH	787	235	S		
TOTAL	1	RE TOT	836	JBL	+111	2791	S	ACTUAL		BPL	+15	SGH	420	231	S		
THRMAL T377	S	RE TOT	836	DMH	+28	0	MAUDA	0	ISGS	1159	IND	+212	SEH	420	231	S	
REV NUM	13	RE TOT	836	RAJ	+5	0	KAWAS	-2	S	LANCO	163	IND	+30	209	S		
REV BLK	10	RE TOT	836	SEO	+77	108	GGP	105	S	SASAN	1051	JBP	+35	209	S		
CUR BLK	3	RE TOT	836	STN	+71	981	TAP	460	m	JP INGR	0	STA	+192	409	S		
SEB	THERMAL	HYDEL	RE TOT	IPP TOT	SCH	0	KAP	-2		MB POWER	0	SEO	+175	421	S		
CZ	134	REVENUM	13	IPP TOT	SCH	0	0	0		JHABIA POWER	0	STH BNA	+216	414	232	S	
EZ	56	REV BLK	10	IPP TOT	SCH	0	0	0		RHD & MITL	1	STH BNA	+215	0	S		
WZ	42	CUR BLK	3	IPP TOT	SCH	0	0	0		SECI	-101	STH BNA	+215	0	S		
SEB	THERMAL	HYDEL	RE TOT	IPP TOT	SCH	0	0	0		RAJ	218	STH BNA	+215	0	S		
MPSEB	354	REVENUM	13	IPP TOT	SCH	0	0	0		BANKSTOA	-997	STH BNA	+215	0	S		
CSEB	2150	REV BLK	10	IPP TOT	SCH	0	0	0		DEVIATION	-229	STH BNA	+215	0	S		
MSEB	8382	REV BLK	10	IPP TOT	SCH	0	0	0		MP-DRL(WR)	1985	STH BNA	+215	0	S		
GEB	5786	REV BLK	10	IPP TOT	SCH	0	0	0		DEV PARAM	0.00	STH BNA	+215	0	S		
GOA	0	CUR BLK	3	IPP TOT	SCH	0	0	0		RATE I	0.00	STH BNA	+215	0	S		
CO	SCH	DRL	OU	%DRL	REG EXCH	DRL	EXP	ATC/LIMIT	IMP	DEVIATION	-229	STH BNA	+215	0	S		
CZ	1612	m	1595	m	-17	m	31	m	31	IPP	30	STH BNA	+215	0	S		
EZ	1764	m	1698	m	-66	m	33	m	33	IPP	30	STH BNA	+215	0	S		
WZ	1731	m	1333	m	-398	m	26	m	26	IPP	30	STH BNA	+215	0	S		
RL	211	153	AT ENTRY PER	WR-SR	-2045	R	3250	R	4000	IPP	30	STH BNA	+215	0	S		
TOT	5302	m	4779	m						IPP	30	STH BNA	+215	0	S		

CO		SCH	DRL	OU	%DRL	REG EXCH	DRL	EXP	ATC/LIMIT	IMP	DEVIATION	RATE I	LU	CHG	RATEA	TEMP
CZ	1612	m	1595	m	-17	m	31	m	31	IPP	30	0.00	BLA	30	S	0
EZ	1764	m	1698	m	-66	m	33	m	33	IPP	30	0.00	JPRNA	1	G	0
WZ	1731	m	1333	m	-398	m	26	m	26	IPP	30	0.00	JPHGR	332	m	27
RL	211	153	AT ENTRY PER	WR-SR	-2045	R	3250	R	4000	IPP	30	0.10	SASAN	2896	S	17
TOT	5302	m	4779	m						IPP	30	0.10	MB POW	278	S	-13
										IPP	30	0.10	JHABIA	0	S	-13