

## SHUT-DOWN PLANNING OF GAURICHAK GSS

S.N.	Description of Works	Date and Time	Remarks
01.	220 KV SIPARA-FATUHA LINE (a) Alignment of line isolator. (b) Check alignment and remote operation of Tandem isolator. (c) Change current transducer of R & Y phase, MW & MVAR Transducer.	17 <sup>th</sup> August-2014 09:00 hours to 18:30 hours.	During the shut- down period 220 Kv Sipara- Fatuha line will remain under complete shut-down.
02.	150 MVA, 220/132 KV, ICT-3 (a) Change of MW Transducer at 220 v side. (b) Change of MW & MVAR Transducer at 132 kv side. (c) Thermo vision report.	18 <sup>th</sup> August-2014 09:00 hours to 12:00 hours.	During the shut-down period 132 kv Mithapur may avail power from 132 kv Sipara- Fatuha line via the transfer bus of Sipara. <b>Note:-</b> During the shut-down period 150 MVA 220/132 KV <b>ICT-2 will remain in service.</b>
03.	150 MVA,220/132 KV, ICT-2 (a) Change of MVAR Transducer. (b) Checking of inter-tripping of HV & LV side Circuit breaker. (c) Thermo vision report.	18 <sup>th</sup> August-2014 13:00 hours to 17:00 hours.	During the shut-down period 150 MVA 220/132 KV ICT-3 will remain in service and will feed power to 132 Kv Mithapur.
04.	132 KV JAKKANPUR-2 (a) Change of MW Transducer. (b) Thermo vision report.	18 <sup>th</sup> August-2014 13:00 hours to 17:00 hours.	During the shut-down from 13:00 to 17:00 hours shut down of half main bus is required . During this period 132 kv power may be availed by Jakkanpur-1 ckt up to 70 MW through 132 kv Sipara Fatuha line via transfer bus at sipara.
05.	132 KV GAYA-1 Alignment of main bus isolator.	18 <sup>th</sup> August-2014 13:00 hours to 17:00 hours.	During the shut-down from 13:00 to 17:00 hours shut down of half main bus is required. During this period 132 kv power may be availed by Jakkanpur-1 ckt through 132 kv Sipara- Fatuha line via transfer bus at sipara.
06.	220 KV MAIN BUS - 1 & 2 (I) Alignment of different isolator and operational checks of (a) 220 kv Patna -1 Tandem, line and MB-2 isolators. (b) 220 kv TBC bay MB-1 Isolator, MB-2 Isolators. (c) 220 kv sipara-khagaul tandem isolator & rectification of indication circuit.	19 <sup>th</sup> August-2014 08:00 hours to 17:00 hours.	During the shut-down period whole 220 kv system will remain under shut down. (i) 132 kv Mithapur will avail power from 132kv Fatuha via transfer bus of Sipara. (ii) Jakkanpur-1 & 2 may avail power from Gaya-1 & Gaya-2

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	(II) Replacement of MW Transducer of 220 kv Patna-1 bay.  (III) <b>Note:-</b> During the shut-down period alignment checking of all MB-1 and MB-2 Isolator will be done accordingly rectification will be done.		circuit through main bus at sipara.
<b>07.</b>	220 Kv Patna-2 incomer bay For checking of auto-tripping of circuit breaker.	20 <sup>th</sup> August-2014 09:00 hours to 18:30 hours.	During the shut-down 220 Kv power may be availed from Fatuha line along with 220 kv Patna-1 line. <b>Note:-</b> During the shut-down 220 kv Sipara-Khagaul line may also be put under shut-down for reliability of system.

**Note : Availing of S/D is subject to the condition of monsoon .**