

**Element wise Outage Details of Fatehgarh – Bhadla Transmission Limited for FY 2024 - 25**

Element Name	Outage	Restoration	Duration of Outage Attributable to				Reason of Outage	% Availability
	Date Time	Date Time	Inter-State Transmission Licensee Hrs:Min	Others Hrs:Min	System constraint/ Natural calamity/ Militancy Hrs:Min	Deemed Available Hrs:Min		
125MVAR, 400kV Bus Reactor at Fatehgarh SS	01-04-2024 09:21	30-04-2024 23:59	00:00	00:00	00:00	00:00	As per Grid instruction the 125MVAR, 400kV Bus Reactor at Fatehgarh SS was discharged due to Voltage regulation .	100%
400kV Fatehgarh (PS) - Fatehgarh II (PGCIL) ckt-1	09-04-2024 18:02	10-04-2024 00:30	00:00	00:00	00:00	00:00	400kV Fatehgarh (PS) - Fatehgarh II (PGCIL) ckt-1 Shutdown was taken by POWERGRID Fatehgarh-2 PG for defect rectification works.	100%
400kV Fatehgarh (PS) - Fatehgarh II (PGCIL) ckt-1	10-04-2024 18:38	11-04-2024 01:17	00:00	00:00	00:00	00:00	400kV Fatehgarh (PS) - Fatehgarh II (PGCIL) ckt-1 Shutdown was taken by POWERGRID Fatehgarh-2 PG for defect rectification works.	100%
125MVAR, 400kV Bus Reactor at Fatehgarh SS	01-05-2024 00:00	31-05-2024 23:59	00:00	00:00	00:00	743:59	As per Grid instruction the 125MVAR, 400kV Bus Reactor at Fatehgarh SS was discharged due to Voltage regulation .	100%
765kV Fatehgarh II (PGCIL)- Bhadla I (PGCIL) ckt-1	17-05-2024 17:03	18-05-2024 01:09	00:00	00:00	00:00	008:06	765kV Fatehgarh II (PGCIL)- Bhadla I (PGCIL) ckt-1 Shutdown taken by PGCIL for critical jumper rectification work	100%
125MVAR, 400kV Bus Reactor at Fatehgarh SS	01-06-2024 00:00	30-06-2024 23:59	00:00	00:00	00:00	719:59	Bus Reactor switched out on 1st April 2024 as per NRLDC instruction for Grid Voltage regulation .	100%
400kV Fatehgarh (PS) - Fatehgarh II (PGCIL) ckt-2	06-06-2024 18:25	07-06-2024 02:14	00:00	00:00	00:00	007:49	400 KV Fatehgarh_II (PG)-Fatehgarh Pooling(FBTL) Ckt-2 for Shutdown nature defect rectification works by Fatehgarh_II(PG).	100%
765kV Fatehgarh II (PGCIL)- Bhadla I (PGCIL) ckt-1	08-06-2024 00:11	08-06-2024 05:26	005:15	00:00	00:00	00:00	765KV D/C Fatehgarh-Bhadla Line Tripped at 00:11:37 Hrs. on dated 08.06.2024 due to BR phase-Ground fault at the distance of 66.244 KM from 765KV Fatehgarh-2 GSS (PGCIL) and 133.117 KM from Bhadla GSS (PGCIL).	99.27%
400kV Bhadla II (PGCIL)- Bhadla I (PGCIL) ckt-1	08-06-2024 01:00	08-06-2024 06:50	00:00	005:50	00:00	00:00	400 KV Bhadla II(PGCIL)- Bhadla I(PGCIL) Ckt-1 tripped at 01:00 hrs due to R-Phase to Ground Fault with 2.2 kA fault Current and 1.4 KM Fault distance from Bhadla- I end	100%
125MVAR, 400kV Bus Reactor at Fatehgarh SS	01-07-2024 00:00	31-07-2024 23:59	00:00	00:00	00:00	743:59	As per instruction from NRLDC the 125MVAR, 400kV Bus Reactor at Fatehgarh SS switched out on 1st April 2024 due to Voltage regulation.	100%
400kV Fatehgarh (PS) - Fatehgarh II (PGCIL) ckt-2	23-07-2024 19:43	23-07-2024 20:52	001:09	00:00	00:00	00:00	400KV Fatehgarh (PS)-Fatehgarh (PG) ckt-2 was hand tripped from Fatehgarh Adani SS due to heavy sparking occurred in 405-89B while 400kv bus-1 shutdown operation.	99.85%
125MVAR, 400kV Bus Reactor at Fatehgarh SS	01-09-2024 00:00	23-09-2024 19:53	00:00	00:00	00:00	547:53	400KV Bus Reactor switched out on 1st April 2024 as per NRLDC instruction for Grid Voltage regulation.	100%
765kV Fatehgarh II (PGCIL)- Bhadla I (PGCIL) ckt-1	05-09-2024 17:17	06-09-2024 08:25	00:00	00:00	00:00	015:08	765kV Fatehgarh II (PGCIL)- Bhadla I (PGCIL) ckt-1 shutdown was taken for the Jumper rectification work on TN-105 by other end.	100%
765kV Fatehgarh II (PGCIL)- Bhadla I (PGCIL) ckt-1	06-09-2024 17:45	07-09-2024 08:45	00:00	00:00	00:00	015:00	765kV Fatehgarh II (PGCIL)- Bhadla I (PGCIL) ckt-1 shutdown was taken for the Jumper rectification work on TN-105 by other end.	100%
765kV Fatehgarh II (PGCIL)- Bhadla I (PGCIL) ckt-1	07-09-2024 17:25	08-09-2024 13:39	00:00	00:00	00:00	020:14	765kV Fatehgarh II (PGCIL)- Bhadla I (PGCIL) ckt-1 shutdown was taken for the Jumper rectification work on TN-105 by other end.	100%
125MVAR, 400kV Bus Reactor at Fatehgarh SS	24-09-2024 09:22	24-09-2024 19:24	00:00	00:00	00:00	010:02	400kV Bus Reactor-1 switched out on as per NRLDC instruction for Grid Voltage regulation.	100%
125MVAR, 400kV Bus Reactor at Fatehgarh SS	25-09-2024 09:29	30-09-2024 19:10	00:00	00:00	00:00	129:41	400kV Bus Reactor-1 switched out on as per NRLDC instruction for Grid Voltage regulation.	100%
125MVAR, 400kV Bus Reactor at Fatehgarh SS	02-10-2024 10:28	31-10-2024 23:59	00:00	00:00	00:00	709:31	As per Instruction given by NRLDC 400kV Bus Reactor-1 switched out due to Voltage regulation.	

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400kV Fatehgarh (PS) - Fatehgarh II (PGCIL) ckt-2	21-10-2024 18:19	21-10-2024 20:16	00:00	00:00	00:00	001:57	400kV Fatehgarh (PS) - Fatehgarh II (PGCIL) ckt-2 outage was taken to attend hotspot in 89L (Line isolator) at Fatehgarh Pooling(FBTL) substation. Readiness time: 20:34hrs  Note: 400kV Fatehgarh (PS) was ready for attending work but the NBFC confirmation received at 20:16hrs from other end due to delay from PGCIL end.	99.89%
400kV Fatehgarh (PS) - Fatehgarh II (PGCIL) ckt-2	21-10-2024 20:16	21-10-2024 21:04	000:48	00:00	00:00	00:00	400kV Fatehgarh (PS) - Fatehgarh II (PGCIL) ckt-2 outage was taken to attend hotspot in 89L (Line isolator) at Fatehgarh Pooling(FBTL) substation. As the Readiness time is 20:34hrs. so the reference time taken after considering the 30 minutes for the code process is 21:04 Hrs.  Note: 400kV Fatehgarh (PS) was ready for attending work but the NBFC confirmation received at 20:16hrs from other end due to delay from PGCIL end.	
400kV Fatehgarh (PS) - Fatehgarh II (PGCIL) ckt-2	21-10-2024 21:04	21-10-2024 21:58	00:00	00:00	00:00	000:54	400kV Fatehgarh (PS) - Fatehgarh II (PGCIL) ckt-2 outage was taken to attend hotspot in 89L (Line isolator) at Fatehgarh Pooling(FBTL) substation. Readiness time: 20:34hrs As the Readiness time is 20:34hrs. so the reference time taken after considering the 30 minutes for the code process is 21:04 Hrs.  Note: 400kV Fatehgarh (PS) was ready for attending work but the NBFC confirmation received at 20:16hrs from other end due to delay from PGCIL end.	
765kV Fatehgarh II (PGCIL)- Bhadla I (PGCIL) ckt-1	26-10-2024 17:10	27-10-2024 17:19	00:00	00:00	00:00	024:09	765kV Fatehgarh II (PGCIL)- Bhadla I (PGCIL) ckt-1 outage was taken by PGCIL to attend jumper rectification work at TN-105.	100%
125MVAR, 400kV Bus Reactor at Fatehgarh SS	01-11-2024 00:00	30-11-2024 23:59	00:00	00:00	00:00	719:59	400kV Bus Reactor-1 switched out for Grid Voltage regulation purpose as per instruction received from NRLDC.	100%
125MVAR, 400kV Bus Reactor at Fatehgarh SS	01-12-2024 00:00	31-12-2024 23:59	00:00	00:00	00:00	743:59	400kV Bus Reactor-1 switched out for Grid Voltage regulation purpose as per instruction received from NRLDC. Last discharging 02-10-2024 at 10:28hrs	100%
125MVAR, 400kV Bus Reactor at Fatehgarh SS	01-01-2025 00:00	31-01-2025 23:59	00:00	00:00	00:00	743:59	400kV Bus Reactor-1 switched out for Grid Voltage regulation purpose as per instruction received from NRLDC. Last discharging 02-10-2024 at 10:28hrs	100%
400kV Fatehgarh (PS) - Fatehgarh II (PGCIL) ckt-1	08-01-2025 13:38	08-01-2025 23:05	009:27	00:00	00:00	00:00	400kV Fatehgarh (PS) - Fatehgarh II (PGCIL) ckt-1 tripped on Rph to Yph fault, 1.016km distance from (FBTL)fatehgarh SS. Thenafter same was converted into shutdown for conductor rectification work at 16:26hrs dated 08.01.2025). Readiness time: 21:51hrs.	97.35%
400kV Fatehgarh (PS) - Fatehgarh II (PGCIL) ckt-1	23-01-2025 18:06	24-01-2025 04:24	010:18	00:00	00:00	00:00	400kV Fatehgarh (PS) - Fatehgarh II (PGCIL) ckt-1 shutdown was taken for rectification of snapped conductor between T.N.- 1 to 2.	

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400kV Fatehgarh (PS) - Fatehgarh II (PGCIL) ckt-1	25-01-2025 20:12	25-01-2025 23:59	00:00	00:00	00:00	003:47	400kV Fatehgarh (PS) - Fatehgarh II (PGCIL) ckt-1 shutdown was taken by PGCIL to atten hotspot rectification work on line side isolator at Fatehgarh II (PGCIL) end.	
400kV Bhadla II (PGCIL)- Bhadla I (PGCIL) ckt-2	20-01-2025 16:48	21-01-2025 00:51	00:00	00:00	00:00	008:03	400kV Bhadla II (PGCIL)- Bhadla I (PGCIL) ckt-2 shutdown was taken by PGCIL for AMP Work, Trans-Play of Fault, Relay testing, Defect Rectification in Line.	100%
400kV Bhadla II (PGCIL)- Bhadla I (PGCIL) ckt-2	24-01-2025 18:32	25-01-2025 01:36	00:00	00:00	00:00	007:04	400kV Bhadla II (PGCIL)- Bhadla I (PGCIL) ckt-2 shutdown was taken by PGCIL for installation of bird diverter.	100%
400kV Fatehgarh (PS) - Fatehgarh II (PGCIL) ckt-2	24-01-2025 18:26	25-01-2025 00:44	00:00	00:00	00:00	006:18	400kV Fatehgarh (PS) - Fatehgarh II (PGCIL) ckt-2 shutdown was taken by PGCIL to attending hot spot on Rph line side Isolator(418-89L) at Fatehgarh II (PGCIL) end.	100%
125MVAR, 400kV Bus Reactor at Fatehgarh SS	01-02-2025 00:00	27-02-2025 19:23	00:00	00:00	00:00	643:23	400kV Bus Reactor-1 switched out for Grid Voltage regulation purpose as per instruction received from NRLDC. Last discharging 02-10-2024 at 10:28hrs	100%
765kV Fatehgarh II (PGCIL)- Bhadla I (PGCIL) ckt-2	24-02-2025 18:00	25-02-2025 03:08	00:00	00:00	00:00	009:08	765kV Fatehgarh II (PGCIL)- Bhadla I (PGCIL) ckt-2 shutdown was taken for AMP work by PGCIL.	100%
765kV Fatehgarh II (PGCIL)- Bhadla I (PGCIL) ckt-2	25-02-2025 18:06	26-02-2025 04:52	00:00	00:00	00:00	010:46	765kV Fatehgarh II (PGCIL)- Bhadla I (PGCIL) ckt-2 shutdown was taken for AMP work by PGCIL.	100%
125MVAR, 400kV Bus Reactor at Fatehgarh SS	28-02-2025 07:50	28-02-2025 23:59	00:00	00:00	00:00	016:09	400kV Bus Reactor-1 switched out for Grid Voltage regulation purpose as per instruction received from NRLDC.	100%
125MVAR, 400kV Bus Reactor at Fatehgarh SS	01-03-2025 00:00	31-03-2025 23:59	00:00	00:00	00:00	743:59	400kV Bus Reactor-1 switched out for Grid Voltage regulation purpose as per instruction received from NRLDC. Last discharging 28-02-2025 at 07:50hrs	100%
400kV Fatehgarh (PS) - Fatehgarh II (PGCIL) ckt-2	08-03-2025 21:29	08-03-2025 22:31	00:00	00:00	00:00	001:02	400kV Fatehgarh (PS) - Fatehgarh II (PGCIL) ckt-2 shutdown was taken to attend alignment issue of 41789B R-phase isolator at remote end SS.	100%

II

**Elements where restoration time has exceeded the standards specified in Regulation 5 (b)**

Element Name	Restoration time as specified in Regulation 5 (b) (in days)	Actual restoration time (in days)
NIL	NIL	NIL
NIL	NIL	NIL
NIL	NIL	NIL

III

**Details of compensation paid by the inter-State transmission licensee**

Element Name	Violation of Regulation 5 (a)		Violation of Regulation 5 (b)		Compensation paid (in Rs.)
	% Availability rescribed	Actual % Availability	Restoration time prescribed (in days)	Actual restoration time (in days)	
NIL	NIL	NIL	NIL	NIL	NIL
NIL	NIL	NIL	NIL	NIL	NIL
NIL	NIL	NIL	NIL	NIL	NIL