

Element wise Outage Details of Fatehgarh – Bhadla Transmission Limited for FY 2021 - 22

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		
400kV Fatehgarh (PS) - Bhadla (PGCIL) Ckt-1	01-09-2021 00:00	01-09-2021 04:04	00:00	00:00	00:00	004:04	Shutdown of ckt-1 taken by PGCIL for stringing, jumpering work of 400kv Bhadla-Bhadla ckt-II line at 16:29 hrs on date 31-08-2021 . Ckt-1 is charged from Bhadla (PGCIL) to Fatehgarh (PS) Gantry.Dischraging Code : NRLDC-4035 CPCC-1480 Charging Code : NRLDC-08 CPCC-05	99.32%
400kV Fatehgarh (PS) - Bhadla (PGCIL) Ckt-1	01-09-2021 16:35	02-09-2021 02:23	00:00	00:00	00:00	009:48	Shutdown of ckt-1 taken by PGCIL for stringing, jumpering work of 400kv Bhadla-Bhadla ckt-II line. Ckt-1 is charged from Bhadla (PGCIL) to Fatehgarh (PS) Gantry.Dischraging Code : NRLDC-81 CPCC-21 Charging Code : NRLDC-121 CPCC-28	
400kV Fatehgarh (PS) - Bhadla (PGCIL) Ckt-1	02-09-2021 16:14	02-09-2021 20:44	00:00	00:00	00:00	004:30	Shutdown of ckt-1 taken by PGCIL for stringing, jumpering work of 400kv Bhadla-Bhadla ckt-II line. Ckt-1 is charged from Bhadla (PGCIL) to Fatehgarh (PS) Gantry.Dischraging Code : NRLDC-191 CPCC-54 Charging Code : NRLDC-220 CPCC-62	
400kV Fatehgarh (PS) - Bhadla (PGCIL) Ckt-1	12-09-2021 19:21	12-09-2021 23:06	3:45	00:00	00:00	00:00	400KV Bhadla (PG)-Fatehgarh-2(PG) CKT-I tripped at Bhadla (PG) and successful AR operated at Fatehgarh (PGCIL) end. The fault was in Adani scope of line therefore NRLDC asked for synchronization clearance from fatehgarh Adani SS. line synchronization clearance was submitted to NRLDC through online OMS portal Charging Code : NRLDC-1537	
400kV Fatehgarh (PS) - Bhadla (PGCIL) Ckt-1	13-09-2021 18:14	13-09-2021 19:25	1:11	00:00	00:00	00:00	During Line Patrolling plastic rope found wrapped over bottom conductor of the I400KV Bhadla- Fatehgarh-2-ckt-1. Emergency Shutdown of ckt-1 taken by FBTL TL O&M team to remove the same. CKT-1 charging clearance given at 19:25 hrs to NRLDC. After 01 Hrs 46 Mins charging code received and Ckt-1 restored back at 21:11 Hrs.Dischraging Code : NRLDC-1661 CPCC-589	
400kV Fatehgarh (PS) - Bhadla (PGCIL)	13-09-2021 19:25	13-09-2021 21:11	00:00	00:00	00:00	1:46	Charging Code : NRLDC-1681 CPCC-596	100.00%
400kV Fatehgarh (PS) - Bhadla (PGCIL) Ckt-2	01-09-2021 00:00	30-09-2021 23:59	00:00	00:00	00:00	719:59	Shutdown of Ckt-2 taken by Bhadla (PGCIL) for jumpering connection and stringing of LILO Lines at New Fatehgarh-2 (PGCIL) SS. Ckt-2 is NOT yet charged, Still under Shutdown.Dischraging Code : NRLDC-3262	
400kV Fatehgarh (PS) - Bhadla (PGCIL) Ckt-1	04-10-2021 20:38	04-10-2021 21:36	00:00	00:00	0:58	00:00	400kV Fatehgarh (PS) - Bhadla (PGCIL) Ckt-1 tripped Due to Over Voltage Operated at Fatehgarh-2(PG),Fatehgarh SS (Adani) is connected through tapping point of 400KV Fatehgarh-2(PG)-Bhadla (PG) line-1 & Line section from tapping point to Fatehgarh SS was ideally charged up-to only line isolator at Fatehgarh (Adani). Charging Code : NRLDC-458 CPCC-173	100.00%
400kV Fatehgarh (PS) - Bhadla (PGCIL) Ckt-2	01-10-2021 00:00	31-10-2021 23:59	00:00	00:00	00:00	743:59	Shutdown of Ckt-2 taken by Bhadla (PGCIL) for jumpering connection and stringing of LILO Lines at New Fatehgarh-2 (PGCIL) SS on date 28-07-2021 since. Ckt-2 is NOT yet charged, Still under Shutdown.Dischraging Code : NRLDC-3262	100.00%
125MVAR, 400kV Bus Reactor at Fatehgarh SS	01-11-2021 00:00	19-11-2021 20:59	00:00	00:00	00:00	452:59	125MVAR, 400kV Bus Reactor made switched off along with both 400kV Fatehgarh (PS) - Bhadla (PGCIL) Ckt-1 & 2. Outage of both line taken by PGCIL for jumpering connection and stringing of LILO Lines at New Fatehgarh-2 (PGCIL) SS. Charging Code : NRLDC-4370	100.00%
125MVAR, 400kV Bus Reactor at Fatehgarh SS	21-11-2021 11:12	30-11-2021 23:59	00:00	00:00	00:00	228:47	Bus Reactor switched off as per NRLDC instruction for Grid Voltage regulation.Dischraging Code : NRLDC-4708	

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400kV Fatehgarh (PS) - Bhadla (PGCIL) Ckt-1	01-11-2021 00:00	11-11-2021 10:34	00:00	00:00	00:00	250:34	Shutdown of Ckt-1 taken by Bhadla (PGCIL) for jumpering connection and stringing of LILO Lines at New Fatehgarh-2 (PGCIL) SS on date 28-07-2021.Dischraging Code : NRLDC-4035 CPCC-1480	100.00%
400kV Fatehgarh (PS) - Bhadla (PGCIL) Ckt-1	11-11-2021 10:35	19-11-2021 19:27	00:00	00:00	00:00	200:52	For testing and commissioning of 400KV Fatehgarh(Adani) -Fatehgarh-II ckt-I & II and removal of Contingency arrangement for evacuation of ADANI RE generation. Mail attached.Dischraging Code : NRLDC-2113 CPCC- 710	
400kV Fatehgarh (PS) - Bhadla (PGCIL) Ckt-2	01-11-2021 00:00	26-11-2021 22:45	00:00	00:00	00:00	622:45	Shutdown of Ckt-2 taken by Bhadla (PGCIL) for jumpering connection and stringing of LILO Lines at New Fatehgarh-2 (PGCIL) SS on date 28-07-2021.Dischraging Code : NRLDC-3262	100.00%
125MVAR, 400kV Bus Reactor at Fatehgarh SS	01-12-2021 00:00	31-12-2021 23:59	00:00	00:00	00:00	743:59	Bus Reactor switched off on 21st November as per NRLDC instruction for Grid Voltage regulation. Still not charged.Dischraging Code : NRLDC-4708	100.00%
125MVAR, 400kV Bus Reactor at Fatehgarh SS	01-01-2022 00:00	31-01-2022 23:59	00:00	00:00	00:00	743:59	Bus Reactor switched off on 21st November as per NRLDC instruction for Grid Voltage regulation. Still not charged.Dischraging Code : NRLDC-4708	100.00%
400kV Fatehgarh (PS) - Fatehgarh II (PGCIL) ckt-1	21-01-2022 15:23	21-01-2022 22:34	00:00	00:00	00:00	7:11	Shutdown taken by Powergrid for OPGW and tapping workDischraging Code : NRLDC-5983 Charging code : NRLDC-6043	100.00%
400kV Fatehgarh (PS) - Fatehgarh II (PGCIL) ckt-1	22-01-2022 15:49	23-01-2022 01:45	00:00	00:00	00:00	9:56	Shutdown taken by Powergrid for OPGW and tapping workDischraging Code : NRLDC-6186 Charging code : NRLDC-6280	100.00%
400kV Fatehgarh (PS) - Fatehgarh II (PGCIL) ckt-1	27-01-2022 15:23	27-01-2022 21:45	00:00	00:00	00:00	6:22	Shutdown taken by Powergrid for installation of bird divertersDischraging Code : NRLDC-7388 Charging code : NRLDC-7477	100.00%
400kV Fatehgarh (PS) - Fatehgarh II (PGCIL) ckt-1	28-01-2022 15:30	28-01-2022 21:26	00:00	00:00	00:00	5:56	Shutdown taken by Powergrid for installation of bird divertersDischraging Code : NRLDC-7709 Charging code : NRLDC-7789	100.00%
400kV Fatehgarh (PS) - Fatehgarh II (PGCIL) ckt-1	30-01-2022 11:27	30-01-2022 12:15	00:00	00:00	0:48	00:00	Line tripped due to overvoltage protection operated at Fatehgarh-1(PS) Charging code : NRLDC- 8251	100.00%
400kV Fatehgarh (PS) - Fatehgarh II (PGCIL) ckt-2	23-01-2022 16:32	23-01-2022 21:45	00:00	00:00	00:00	5:13	Shutdown taken by Powergrid for OPGW and tapping workDischraging Code : NRLDC-6394 Charging code : NRLDC-6432	100.00%
400kV Fatehgarh (PS) - Fatehgarh II (PGCIL) ckt-2	24-01-2022 15:28	24-01-2022 21:52	00:00	00:00	00:00	6:24	Shutdown taken by Powergrid for OPGW and tapping workDischraging Code : NRLDC-6641 Charging code : NRLDC-6725	100.00%
400kV Fatehgarh (PS) - Fatehgarh II (PGCIL) ckt-2	29-01-2022 15:01	29-01-2022 22:03	00:00	00:00	00:00	7:02	Shutdown taken by Powergrid for installation of bird divertersDischraging Code : NRLDC- 8026 Charging code : NRLDC-8122	100.00%
400kV Fatehgarh (PS) - Fatehgarh II (PGCIL) ckt-2	30-01-2022 15:46	30-01-2022 21:38	00:00	00:00	00:00	5:52	Shutdown taken by Powergrid for installation of bird divertersDischraging Code : NRLDC-8288 Charging code : NRLDC-8348	100.00%
125MVAR, 400kV Bus Reactor at Fatehgarh SS	01-02-2022 00:00	28-02-2022 23:59	00:00	00:00	00:00	671:59	Bus Reactor switched off on 21st November as per NRLDC instruction for Grid Voltage regulation. Still not charged.Dischraging Code : NRLDC-4708	100.00%
400kV Fatehgarh (PS) - Fatehgarh II (PGCIL) ckt-1	11-02-2022 11:45	11-02-2022 12:17	00:00	00:00	0:32	00:00	Line tripped due to overvoltage protection operated at Fatehgarh-1(PS) Charging Code : NRLDC-3021	100.00%
400kV Fatehgarh (PS) - Fatehgarh II (PGCIL) ckt-1	11-02-2022 12:39	11-02-2022 13:27	00:00	00:00	0:48	00:00	Line tripped due to overvoltage protection operated at Fatehgarh-1(PS) Charging Code : NRLDC-3040	
125MVAR, 400kV Bus Reactor at Fatehgarh SS	01-03-2022 00:00	16-03-2022 21:50	00:00	00:00	00:00	381:50	Bus Reactor switched off on 21st November as per NRLDC instruction for Grid Voltage regulation. Still not charged.Dischraging Code : NRLDC-4708	100.00%
125MVAR, 400kV Bus Reactor at Fatehgarh SS	19-03-2022 11:33	31-03-2022 23:59	00:00	00:00	00:00	300:26	Bus Reactor switched off as per NRLDC instruction for Grid Voltage regulation. Charging Code-3822 Dischraging Code : NRLDC-4171	

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765kV Fatehgarh II (PGCIL)- Bhadla I (PGCIL) ckt-1 Only 137.46 km in the Scope of FBTL	25-03-2022 21:28	25-03-2022 21:28	0:00	00:00	00:00	00:00	AR successfully operated, R-ph to E/F, 139.7 Km from Bhadla-I SS.NA	100.00%

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