

**Element wise Outage Details of Adani Energy Solutions Mahan 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		
400KV-ESSAR MAHAN-BILASPUR-1	19-04-2024 10:47	19-04-2024 17:04	6:17	0:00	0:00	0:00	Mahan Bilaspur line#1 tripped due to Zone #1 distance protection operated in Y- phase. (i) Fault distance from Mahan end M1 = 165.8 KM, (ii) Fault distance from Bilaspur end M1 = 116.2 KM & M2 = 121.5 KM.	97.51
400KV-ESSAR MAHAN-BILASPUR-1	27-04-2024 09:59	27-04-2024 22:13	12:14	0:00	0:00	0:00	OCC-577 approved outage – 1.Annual maintenance work. 2.Relay up-gradation work at Mahan end.	
400KV-ESSAR MAHAN-BILASPUR-2	28-04-2024 08:03	28-04-2024 18:51	10:48	0:00	0:00	0:00	OCC-577 approved outage – 1.Annual maintenance work. 2.Relay up-gradation work at Mahan end.	98.55
400KV-ESSAR MAHAN-BILASPUR-1	28-05-2024 12:06	28-05-2024 16:52	4:46	0:00	0:00	0:00	Mahan Bilaspur line#1 tripped due to Zone #1 distance protection operated in Y- phase. (i) Fault distance from Mahan end M1 = 184.2 KM, (ii) Fault distance from Bilaspur end M1 = 114.7 KM & M2 = 119.5 KM.	98.18%
400KV-ESSAR MAHAN-BILASPUR-1	29-05-2024 11:55	29-05-2024 20:43	8:48	0:00	0:00	0:00	Mahan Bilaspur line#1 tripped due to Zone #1 distance protection operated in Y- phase. (i) Fault distance from Mahan end M1 = 181 KM, (ii) Fault distance from Bilaspur end M1 = 113.7 KM & M2 = 118.8 KM.	
400KV-ESSAR MAHAN-BILASPUR-1	07-05-2024 15:59	07-05-2024 15:59	0:00	0:00	0:00	0:00	400KV-ESSAR MAHAN-BILASPUR-1 Auto recloser successfully operated	
400KV-ESSAR MAHAN-BILASPUR-1	07-05-2024 16:21	07-05-2024 16:21	0:00	0:00	0:00	0:00	400KV-ESSAR MAHAN-BILASPUR-1 Auto recloser successfully operated	
400KV-ESSAR MAHAN-BILASPUR-2	09-05-2024 16:25	09-05-2024 16:25	0:00	0:00	0:00	0:00	400KV-ESSAR MAHAN-BILASPUR-2 Auto recloser successfully operated	100.00%
400KV-ESSAR MAHAN-BILASPUR-2	10-05-2024 15:38	10-05-2024 15:38	0:00	0:00	0:00	0:00	400KV-ESSAR MAHAN-BILASPUR-2 Auto recloser successfully operated	
400KV-ESSAR MAHAN-BILASPUR-1	04-06-2024 16:34	04-06-2024 16:34	0:00	0:00	0:00	0:00	400KV-ESSAR MAHAN-BILASPUR-1 Auto recloser successfully operated	100.00%
400KV-ESSAR MAHAN-BILASPUR-2	16-08-2024 08:53	16-08-2024 08:53	0:00	0:00	0:00	0:00	400KV-ESSAR MAHAN-BILASPUR-2 Auto recloser successfully operated in the fault of Y phase to ground at a distance at 148.80 KM from Mahan end	100.00%
400KV-ESSAR MAHAN-BILASPUR-1	17-08-2024 18:44	17-08-2024 18:44	0:00	0:00	0:00	0:00	400KV-ESSAR MAHAN-BILASPUR-1 Auto recloser successfully operated in the fault of Y phase to ground at a distance of 152.6 KM from Mahan end	100.00%
400KV-ESSAR MAHAN-BILASPUR-1	23-08-2024 15:08	23-08-2024 15:08	0:00	0:00	0:00	0:00	400KV-ESSAR MAHAN-BILASPUR-1 Auto recloser successfully operated in the fault of R phase to ground at a distance of 49.4 KM from Mahan end	
ESSAR MAHAN - 400KV B/R 1	28-08-2024 08:14	29-08-2024 17:43	33:29	0:00	0:00	0:00	ESSAR MAHAN - 400KV B/R 1 Shutdown was taken for Annual Maintenance.Readiness give at 17:13 so the extra 30 minutes is considered for the code process time and 17:43 Hrs considered as a reference time. Discharging Code:2871 Charging Code:3052	95.50%
ESSAR MAHAN - 400KV B/R 1	29-08-2024 17:43	29-08-2024 19:42	1:59	0:00	0:00	1:59	ESSAR MAHAN - 400KV B/R 1 Shutdown was taken for Annual Maintenance. Discharging Code:2871 Charging Code:3052	
400KV-ESSAR MAHAN-BILASPUR-2	31-07-2024 04:10	31-07-2024 04:10	0:00	0:00	0:00	0:00	400KV-ESSAR MAHAN-BILASPUR-1 Auto recloser successfully operated in the fault of Y phase to ground at a distance of 214.0 KM from Bilaspur end	100.00%
400KV-ESSAR MAHAN-BILASPUR-2	08-10-2024 04:33	08-10-2024 04:33	0:00	0:00	0:00	0:00	Auto reclosure was successfully operated in 400KV Mahan Bilaspur Cicuit#2 at 04:33 due to R-phase to ground fault.	100.00%
400KV-ESSAR MAHAN-BILASPUR-2	08-10-2024 19:05	08-10-2024 19:05	0:00	0:00	0:00	0:00	Auto reclosure was successfully operated in 400KV Mahan Bilaspur Cicuit#2 at 07:05 PM due to R-phase to ground fault.	
400KV-ESSAR MAHAN-BILASPUR-1	25-10-2024 09:08	25-10-2024 09:08	0:00	0:00	0:00	0:00	Auto reclosure was successfully operated in 400KV Mahan Bilaspur Cicuit#1 at 09:08 AM due to Y-phase to Ground fault.	100.00%

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	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-ESSAR MAHAN-BILASPUR-1	25-11-2024 08:46	25-11-2024 21:28	12:42	0:00	0:00	0:00	400KV-ESSAR MAHAN-BILASPUR-1 Schedule outage was taken for Damaged insulator replacement work.	95.97%
400KV-ESSAR MAHAN-BILASPUR-1	26-11-2024 08:41	26-11-2024 22:21	13:40	0:00	0:00	0:00	400KV-ESSAR MAHAN-BILASPUR-1 Schedule outage was taken for Damaged insulator replacement work.	
400KV-ESSAR MAHAN-BILASPUR-1	27-11-2024 18:02	27-11-2024 20:42	2:40	0:00	0:00	0:00	400KV-ESSAR MAHAN-BILASPUR-1 Emergency outage was taken for to attended chartering sound of B phase Wave trap.	
400KV-ESSAR MAHAN-BILASPUR-2	01-11-2024 13:09	01-11-2024 17:47	4:38	0:00	0:00	0:00	400KV-ESSAR MAHAN-BILASPUR-2 Emergency outage was taken to attended hot spot at R phase dropper (4-989 L) of Line isolator.	96.60%
400KV-ESSAR MAHAN-BILASPUR-2	27-11-2024 08:45	27-11-2024 15:48	7:03	0:00	0:00	0:00	400KV-ESSAR MAHAN-BILASPUR-2 Schedule outage was taken for Damaged insulator replacement work.	
400KV-ESSAR MAHAN-BILASPUR-2	28-11-2024 08:11	28-11-2024 20:57	12:46	0:00	0:00	0:00	400KV-ESSAR MAHAN-BILASPUR-2 Schedule outage was taken for Damaged insulator replacement work.	
400KV-ESSAR MAHAN-BILASPUR-1	09-12-2024 07:11	09-12-2024 16:38	9:27	0:00	0:00	0:00	400KV-ESSAR MAHAN-BILASPUR-1 Emergency outage taken to attend damaged occurred due to fire at R phase of Line Isolator (Bilaspur end).	98.73%
400KV-ESSAR MAHAN-BILASPUR-1	09-12-2024 16:38	09-12-2024 17:07	0:00	0:00	0:00	0:29	400KV-ESSAR MAHAN-BILASPUR-1 Emergency outage taken to attend damaged occurred due to fire at R phase of Line isolator (Bilaspur end). As the Readiness time is 16:08hrs. so the reference time taken after considering the 30 minutes for the code process is 16:38 Hrs.	
400KV-ESSAR MAHAN-BILASPUR-2	12-12-2024 09:40	12-12-2024 17:11	7:31	0:00	0:00	0:00	400KV-ESSAR MAHAN-BILASPUR-2 Emergency outage taken to attend hotspot at R phase of Line isolator (Bilaspur end).	98.99%
400KV-ESSAR MAHAN-BILASPUR-2	12-12-2024 17:11	12-12-2024 17:29	0:00	0:00	0:00	0:18	400KV-ESSAR MAHAN-BILASPUR-2 Emergency outage taken to attend hotspot at R phase of Line isolator (Bilaspur end). As the Readiness time is 16:41hrs. so the reference time taken after considering the 30 minutes for the code process is 17:11 Hrs.	

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