

### AC Transmission Line/ICT/Static VAR Compensator/Series Compensator/HVDC(Back-to-Back Stations and Bi-Pole Links)Line Reactor/Bus Reactors Outage Details for the month of April 2022

Element Name	OUTAGE		RESTORATION		DURATION OF OUTAGE ATTRIBUTABLE TO				REASON OF OUTAGE	% Availability	
	DATE & TIME		DATE & TIME		Inter-State Transmission Licensee	OTHERS	System constraint/ Natural calamity/ Militancy	Deemed Available			
	Hrs:Min	Hrs:Min	Hrs:Min	Hrs:Min	Hrs:Min	Hrs:Min	Hrs:Min	Hrs:Min			
400kV Babal- Sikar S/C Line 400kV Neemrana Babal S/C Line	-	-	-	-	-	-	-	-	-	No Outage No Outage	100.00

Dr. Faruk Khan  
(Amir Kumar)



S. Kumar

**AC Transmission Line/ICT/Static VAR Compensator/Series Compensator/HVDC(Back-to-Back Stations and Bi-Pole Links)Line Reactor/Bus Reactors Outage Details for the month of May 2022**

Element Name	OUTAGE DATE & TIME	RESTORATION DATE & TIME	DURATION OF OUTAGE ATTRIBUTABLE TO				REASON OF OUTAGE	% Availability
			Inter-State Transmission Licensee	OTHERS	System constraint/ Natural calamity/ Militancy	Deemed Available		
			Hrs:Min	Hrs:Min	Hrs:Min	Hrs:Min		
400kV Babel Sitar S/C Line 400KV Neemrana Babel S/C Line	-	-	-	-	-	-	No Outage No Outage	100.00

*Dr. Farhan 126*  
*C. Anuj Kumar*

*Dr. Nand Lal*



**AC Transmission Line/ICT/Static VAR Compensator/Series Compensator/HVDC(Back-to-Back Stations and Bi-Pole Links)Line Reactor/Bus Reactors Outage Details for the month of June 2022**

Element Name	OUTAGE		RESTORATION		DURATION OF OUTAGE ATTRIBUTABLE TO				REASON OF OUTAGE	% Availability
	DATE & TIME	DATE & TIME	DATE & TIME	DATE & TIME	Inter-State Transmission Licensee	OTHERS	System constraint/ Natural calamity/ Militancy	Deemed Available		
	Hrs:Min	Hrs:Min	Hrs:Min	Hrs:Min	Hrs:Min	Hrs:Min	Hrs:Min	Hrs:Min		
400kV Babai- Sikar S/C Line 400kV Neemrana Babai S/C Line	16-06-22 14:32	16-06-22 15:53	-	-	1:21	-	-	-	No Outage Planned Shut down for Maintenance work	99.90

*Defect on 16/06/22  
(Admin Enquiry)*



*S. Prasad*

**AC Transmission Line/ICT/Static VAR Compensator/Series Compensator/HVDC(Back-to-Back Stations and Bi-Pole Links)Line Reactor/Bus Reactors Outage Details for the month of July 2022**

Element Name	OUTAGE DATE & TIME	RESTORATION DATE & TIME	DURATION OF OUTAGE ATTRIBUTABLE TO				REASON OF OUTAGE	% Availability
			Inter-State Transmission Licensee	OTHERS	System constraint/ Natural calamity/ Militancy	Deemed Available		
400kV Babaji- Sikar S/C Line 400kV Neerurana Babal S/C Line	-	-	Hrs:Min	Hrs:Min	Hrs:Min	Hrs:Min	No Outage No Outage	99.97

*Handwritten signature*  
(Anir Kumar)



*Handwritten signature*

### AC Transmission Line/ICT/Static VAr Compensator/Series Compensator/HVDC(Back-to-Back Stations and Bi-Pole Links)Line Reactor/Bus Reactors Outage Details for the month of Aug 2022

Element Name	OUTAGE DATE & TIME	RESTORATION DATE & TIME	DURATION OF OUTAGE ATTRIBUTABLE TO				REASON OF OUTAGE	% Availability
			Inter-State Transmission Licensee Hrs:Min	OTHERS Hrs:Min	System constraint/ Natural calamity/ Militancy Hrs:Min	Deemed Available Hrs:Min		
400KV Babai- Sitar SIC Line	-	-	-	-	-	-	No Outage	98.98
400KV Neemrana Babal SIC Line	-	-	-	-	-	-	No Outage	



*(Amir Kumar)*

*J. Mondal*

**AC Transmission Line/ICT/Static Var Compensator/Series Compensator/HVDC(Back-to-Back Stations and Bi-Pole Links)Line Reactor/Bus Reactors Outage Details for the month of Sep 2022**

Element Name	OUTAGE		RESTORATION		DURATION OF OUTAGE ATTRIBUTABLE TO				REASON OF OUTAGE	% Availability	
	DATE & TIME		DATE & TIME		Inter-State Transmission Licensee	OTHERS	System constraint/ Natural calamity/ Militancy	Deemed Available			
	Hrs:Min	Hrs:Min	Hrs:Min	Hrs:Min	Hrs:Min	Hrs:Min	Hrs:Min	Hrs:Min			
400kV Babai- Sikar S/C Line 400kV Neemrana Babai S/C Line	22-08-22 9:15	-	22-08-22 16:01	-	8:46	-	-	-	-	No Outage Planned Shut down for Maintenance work	98.80



*Arif Kamal*

**AC Transmission Line/ICT/Static VAR Compensator/Series Compensator/HVDC(Back-to-Back Stations and Bi-Pole Links)Line Reactor/Bus Reactors Outage Details for the month of Oct 2022**

Element Name	OUTAGE DATE & TIME	RESTORATION DATE & TIME	DURATION OF OUTAGE ATTRIBUTABLE TO				REASON OF OUTAGE	% Availability
			Inter-State Transmission Licensee	OTHERS	System constraint/ Natural calamity/ Militancy	Deemed Available		
			Hrs:Min	Hrs:Min	Hrs:Min	Hrs:Min		
400KV Babai- Sikar S/C Line	-	-	-	-	-	No Outage	99.92	
400KV Neemrana Babai S/C Line	-	-	-	-	-	No Outage		


  
*(Any Issues)*

*Signature*

### AC Transmission Line/ICT/Static Var Compensator/Series Compensator/HVDC(Back-to-Back Stations and Bi-Pole Links)Line Reactor/Bus Reactors Outage Details for the month of Nov 2022

Element Name	OUTAGE		RESTORATION		DURATION OF OUTAGE ATTRIBUTABLE TO				REASON OF OUTAGE	% Availability
	DATE & TIME		DATE & TIME		Inter-State Transmission Licensee	OTHERS	System constraint/ Natural calamity/ Militancy	Deemed Available		
	Hrs:Min	Hrs:Min	Hrs:Min	Hrs:Min						
400KV Ehabal- Sikar S/C Line	-	-	-	-	-	-	-	-	No Outage	98.93
400KV N.eemrana Babal S/C Line	-	-	-	-	-	-	-	No Outage		



*(Signature)*

**AC Transmission Line/ICT/Static VAR Compensator/Series Compensator/HVDC(Back-to-Back Stations and Bi-Pole Links)Line Reactor/Bus Reactors Outage Details for the month of Dec 2022**

Element Name	OUTAGE DATE & TIME	RESTORATION DATE & TIME	DURATION OF OUTAGE ATTRIBUTABLE TO				REASON OF OUTAGE	% Availability
			Inter-State Transmission Licensee	OTHERS	System constraint/ Natural calamity/ Militancy	Deemed Available		
			Hrs:Min	Hrs:Min	Hrs:Min	Hrs:Min		
400k ✓ Babai- Sikar S/C Line	-	-	-	-	-	-	No Outage	90.93
400k ✓ Neemrana Babal S/C Line	-	-	-	-	-	-	No Outage	


  
*Dr. Jyoti L. G.*  
*(Army Engineer)*

*S. J. N. N. N. N. N.*

**AC Transmission Line/ICT/Static VAR Compensator/Series Compensator/HVDC(Back-to-Back Stations and Bi-Pole Links)Line Reactor/Bus Reactors Outage Details for the month of Jan 2023**

Element Name	OUTAGE DATE & TIME	RESTORATION DATE & TIME	DURATION OF OUTAGE ATTRIBUTABLE TO				REASON OF OUTAGE	% Availability
			Inter-State Transmission Licensee Hrs:Min	OTHERS Hrs:Min	System constraint/ Natural calamity/ Militancy Hrs:Min	Deemed Available Hrs:Min		
400KV Babai- Sikar S/C Line	-	-	-	-	-	No Outage	98.94	
400KV Neemrana Babai S/C Line	-	-	-	-	-	No Outage		


  
*(Pratik Kumar)*
  
*(Pratik Kumar)*

*P. Pratik Kumar*

**AC Transmission Line/ICT/Static VAR Compensator/Series Compensator/HVDC(Back-to-Back Stations and Bi-Pole Links)Line Reactor/Bus Reactors Outage Details for the month of Feb 2023**

Element Name	OUTAGE DATE & TIME	RESTORATION DATE & TIME	DURATION OF OUTAGE ATTRIBUTABLE TO				REASON OF OUTAGE	% Availability
			Inter-State Transmission Licensee	OTHERS	System constraint/ Natural calamity/ Militancy	Deemed Available		
			Hrs:Min	Hrs:Min	Hrs:Min	Hrs:Min		
400KV Babai- Sikar S/C Line 400KV Neemrana Babai S/C Line	-	-	-	-	-	No Outage No Outage	99.94	


  
 07/02/26  
 (Arvind Prasad)  
 J. J. M.

**AC Transmission Line/ICT/Static VAR Compensator/Series Compensator/HVDC(Back-to-Back Stations and Bi-Pole Links)Line Reactor/Bus Reactors Outage Details for the month of March 2023**

Element Name	OUTAGE		RESTORATION		DURATION OF OUTAGE ATTRIBUTABLE TO				REASON OF OUTAGE	% Availability
	DATE & TIME		DATE & TIME		Inter-State Transmission Licensee	OTHERS	System constraint/ Natural calamity/ Militancy	Deemed Available		
	Hrs:Min	Hrs:Min	Hrs:Min	Hrs:Min	Hrs:Min	Hrs:Min	Hrs:Min	Hrs:Min		
400kV Babai-Sikar S/C Line	-	-	-	-	-	-	-	-	No Outage	99.95
400kV Neemrana Babai S/C Line	-	-	-	-	-	-	-	No Outage		



*(Signature)*  
02/01/26  
(Amrikumar)

*(Signature)*

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)
400 KV Neemrana Babai S/C Line	NA	NA
400 KV Babai Sikar S/C Line	NA	NA



*S. Mondal*

### 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 ₹)
	% Availability prescribed	Actual % Availability	Restoration time Prescribed (in Days)	Actual Restoration time (in Days)	
400 KV Neemrana Babai S/C Line	NA	NA	NA	NA	NIL
400 KV Babai Sikar S/C Line	NA	NA	NA	NA	
Total					

*Dr. Faridul 26*  
(Chairman)



*J. K. Sharma*

v **Data to be compiled by the Inter-State Transmission Licensees**

The Restoration times for different types of failures of Transmission line and Failure of Inter-Connecting Transformer(ICT) and reactor in the following format:

Sl. No.	Types of failures	Restoration Time (Days)		
A.	Elements of the Transmission line for Double Circuits(D/C) towers for 400 kV Class.			
	Insulators failure	Terrain type		
		Plain	River bed	Hilly
1.	(i) Insulator failure in single phase	NA	-	-
	(ii) Insulator failure in two phases	NA	-	-
	(iii) Insulator failure in three phases	NA	-	-
2.	Tower after collapse by Emergency Restoration System(ERS) for S/C,D/C and M/C separately	NA	-	-
3.	Tower after collapse without Emergency Restoration System(ERS) for S/C,D/C and M/C separately	NA	-	-
4.	<b>Tower damage(not collapse)</b>			
	One arm damage	NA	-	-
	Two arm damage	NA	-	-
5.	<b>Snapping of Phase conductor</b>			
	Conductor snapping in single phase	NA	-	-
	Conductor snapping in two phases	NA	-	-
	Conductor snapping in three phases	NA	-	-
6.	<b>Failure of earth wire</b>	NA	-	-
7.	Insulator failure with conductor snapping	NA	-	-
8.	Any other combination failures	NA	-	-
B.	Elements of the Sub Station for each kV class separately			
	Failure of Inter Connecting Transformers(ICTs)			
	Restoration of the failed ICT			
1.	Other major failures in ICTs	Single Phase Unit	Three Phase unit	
	(i)Replacement of faulty bushings	NA	NA	
	(ii)Replacement of failed/blasted bushings	NA	NA	
	(iii)Replacement of faulty tap changers	NA	NA	
2.	Failure of Reactors	NA	NA	
	Restoration of the failed reactor	NA	NA	

*(Signature)*  
26/11/26  
(Anil Kumar)



*(Signature)*



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Northern Regional Power Committee

वेबसाइट/website: [www.nrpc.gov.in](http://www.nrpc.gov.in)

ईमेल/e-mail: [ms-nrpc@nic.in](mailto:ms-nrpc@nic.in)

No. NRPC/OPR/116/3/2022/5276

Dated: 29/6/2022

## Certificate for Transmission System Availability

(Ref: Clause 2.4.4 of IEGC 2010)

As per the records, monthly availability of transmission system is hereby certified and given below:

Name of Transmission Licensee	Month	Monthly Availability (%)
NRSS-XXXVI Transmission Limited's	May 2022	
AC System		100.0000

The above availability has been calculated as per procedure laid down in Appendix-II to III of CERC (Terms & Conditions of Tariff) Regulation 2019.

\*Provisional and subject to CERC clarification

*Naresh*  
(नरेश भंडारी) 29/6/22

(Naresh Bhandari)

सदस्य सचिव

Member Secretary



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उत्तर क्षेत्रीय विद्युत समिति

Northern Regional Power Committee

वेबसाइट/website: www.nrpc.gov.in

ईमेल/e-mail: ms-nrpc@nic.in

No. NRPC/OPR/116/3/2022/ 6831

Dated: 02/08/2022

## Certificate for Transmission System Availability

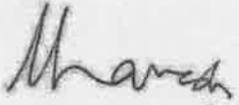
(Ref: Clause 2.4.4 of IEGC 2010)

As per the records, monthly availability of transmission system is hereby certified and given below:

Name of Transmission Licensee	Month	Monthly Availability (%)
NRSS-XXXVI Transmission Limited's	June 2022	
AC System		99.9063

The above availability has been calculated as per procedure laid down in Appendix-II to III of CERC (Terms & Conditions of Tariff) Regulation 2019.

\*Provisional and subject to CERC clarification

  
(नरेश भंडारी) 02/08/22  
(Naresh Bhandari)  
सदस्य सचिव  
Member Secretary



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Ministry of Power  
उत्तर क्षेत्रीय विद्युत समिति  
Northern Regional Power Committee

No. NRPC/OPR/116/3/2023/

दिनांक: 29.09.2023

विषय: ट्रांसमिशन सिस्टम उपलब्धता के लिए प्रमाणपत्र।  
Subject: Certificate for Transmission System Availability

(संदर्भ: IEGC 2010 का खंड 2.4.4)

रिकॉर्ड के अनुसार, एनआरएसएस-XXXVI ट्रांसमिशन लिमिटेड की अप्रैल 2022, एवं सितंबर 2022 के महीनों के लिए उपलब्धता और वित्त वर्ष 2022-23 के लिए संचयी उपलब्धता अनुबंध - I में नीचे दी जाती है।

As per the records, availability for the months of April 2022, September 2022 and Cumulative Availability for FY 2022-23 of NRSS-XXXVI Transmission Limited's in is certified as mentioned in Annexure - I.

अनुबंध-I में उपलब्धता की गणना केंद्रीय विद्युत नियामक आयोग (टैरिफ के नियम और शर्त) विनियम, 2019 के परिशिष्ट- II से III में निर्धारित प्रक्रिया के अनुसार की गई है। चूंकि सीईआरसी (टैरिफ के नियम और शर्त) विनियमन 2019 के दायरे में ट्रांसमिशन सिस्टम शामिल नहीं हैं, जिनके टैरिफ को केंद्र सरकार द्वारा जारी दिशानिर्देशों के अनुसार टैरिफ आधारित प्रतिस्पर्धी बोली के माध्यम से खोजा गया है और अधिनियम की धारा 63 के तहत आयोग द्वारा अपनाया गया है, इसलिए यह प्रमाणपत्र अनंतिम है और उन परिसंपत्तियों की उपलब्धता के प्रमाणीकरण के संबंध में सीईआरसी स्पष्टीकरण के अधीन है, जिनका टैरिफ विद्युत अधिनियम, 2003 की धारा 63 के तहत अपनाया गया है।

The availability in Annexure- I has been calculated as per procedure laid down in Appendix-II to III of CERC (Terms & Conditions of Tariff) Regulation 2019. Since the scope of CERC (Terms & Conditions of Tariff) Regulation 2019 excludes transmission systems whose tariff has been discovered through tariff based competitive bidding in accordance with the guidelines issued by the Central Government and adopted by the Commission under section 63 of the Act, therefore this certificate is provisional and subject to CERC clarification regarding certification of availability for assets whose tariff has been adopted under section 63 of Electricity Act, 2003.

(वी. के. सिंह)

(V. K. Singh)

सदस्य सचिव

Member Secretary

सेवा में,  
उपाध्यक्ष-पावर ट्रांसमिशन  
एनआरएसएस XXXVI ट्रांसमिशन लिमिटेड  
06 वीं मंजिल, प्लॉट नंबर 19 और 20, फिल्म सिटी, सेक्टर-16 ए, नोएडा,  
उत्तर प्रदेश - 201301

U/30655/2023

अनुबंध-1

ANNEXURE - I

**Transmission system availability for the months of April 2022, September 2022 and Cumulative Availability for FY 2022-23 of NRSS-XXXVI Transmission Limited**

महीना Month	मासिक उपलब्धता (%) Monthly Availability (%)
April 2022	100.0000
September 2022	99.5301

महीना Month	संचयी उपलब्धता (%) Cumulative Availability (%)
April 2022	100.0000
May 2022	100.0000
June 2022	99.9691
July 2022	99.9769
August 2022	99.9816
September 2022	99.9076
October 2022	99.9210
November 2022	99.9307
December 2022	99.9385
January 2023	99.9447
February 2023	99.9494
March 2023	99.9537

*V. K. Singh*  
21/09/2023

(वी. के. सिंह)

(V. K. Singh)

सदस्य सचिव

Member Secretary



सत्यमेव जयते

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Northern Regional Power Committee

No. NRPC/OPR/116/3/2023/5185

Dated: 17.05.2023

**Subject: Certificate for Transmission System Availability**

(Ref: Clause 2.4.4 of IEGC 2010)

As per the records, monthly availability of transmission system is hereby certified and given below:

Name of Transmission Licensee	Month	Monthly Availability (%)
NRSS-XXXVI Transmission Limited's	January 2023	
AC System		100.0000

The above availability has been calculated as per procedure laid down in Appendix-II to III of CERC (Terms & Conditions of Tariff) Regulation 2019.

\*Provisional and subject to CERC clarification

(वी. के. सिंह)

(V. K. Singh)

सदस्य सचिव

Member Secretary

To,  
Vice President- Power Transmission  
NRSS XXXVI Transmission Ltd.  
06<sup>th</sup> Floor, Plot No. 19 & 20, Film City,  
Sector-16 A, Noida,  
Uttar Pradesh - 201301



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Northern Regional Power Committee

No. NRPC/OPR/116/3/2023/5487

Dated: 24.05.2023

**Subject: Certificate for Transmission System Availability**

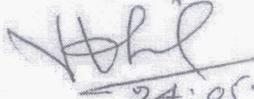
(Ref: Clause 2.4.4 of IEGC 2010)

As per the records, monthly availability of transmission system is hereby certified and given below:

Name of Transmission Licensee	Month	Monthly Availability (%)
NRSS-XXXVI Transmission Limited's	February 2023	
AC System		100.0000

The above availability has been calculated as per procedure laid down in Appendix-II to III of CERC (Terms & Conditions of Tariff) Regulation 2019.

\*Provisional and subject to CERC clarification

  
24.05.2023  
(वी. के. सिंह)  
(V. K. Singh)  
सदस्य सचिव  
Member Secretary

To,  
Vice President- Power Transmission  
NRSS XXXVI Transmission Ltd.  
06<sup>th</sup> Floor, Plot No. 19 & 20, Film City,  
Sector-16 A, Noida,  
Uttar Pradesh - 201301



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Northern Regional Power Committee

No. NRPC/OPR/116/3/2023/5639

Dated: 26.05.2023

**Subject: Certificate for Transmission System Availability**

(Ref: Clause 2.4.4 of IEGC 2010)

As per the records, monthly availability of transmission system is hereby certified and given below:

Name of Transmission Licensee	Month	Monthly Availability (%)
NRSS-XXXVI Transmission Limited's	March 2023	
AC System		100.0000

The above availability has been calculated as per procedure laid down in Appendix-II to III of CERC (Terms & Conditions of Tariff) Regulation 2019. No cumulative availability has been certified due to lack of data for 2 months as mentioned in previous availability certificates

\*Provisional and subject to CERC clarification

(वी. के. सिंह)

(V. K. Singh)

सदस्य सचिव

Member Secretary

To,  
Vice President- Power Transmission  
NRSS XXXVI Transmission Ltd.  
06<sup>th</sup> Floor, Plot No. 19 & 20, Film City,  
Sector-16 A, Noida,  
Uttar Pradesh - 201301