



पावर ग्रिड कॉर्पोरेशन ऑफ इंडिया लिमिटेड  
Power Grid Corporation of India Limited

सूचना का अधिकार अभिनियम 2005 के अंतर्गत केन्द्रीय लोक सूचना अधिकारी  
Central Public Information Officer under the RTI Act, 2005  
केन्द्रीय कार्यालय, 'सौदामिनी', प्लॉट नं.2, सेक्टर-29, गुडगांव, हरियाणा-122007  
Corporate Centre, 'Saudamini', Plot No. 2, Sector-29, Gurgaon, Haryana-122007



PGCIL/R/E/20/00329

दिनांक: October 1, 2020

**Shri Akash Tyagi,**  
C-475A, Vikaspuri, Delhi-110018  
Delhi

**विषय: सूचना का अधिकार अधिनियम, 2005 के तहत जानकारी ।**

महोदय / महोदया,

कृपया आर.टी.आई. अधिनियम, 2005 के तहत दिनांक 4 September, 2020 को प्रेषित अपने आर.टी.आई. अनुरोध का संदर्भ लें ।

उपरोक्त पत्र मे वांछित जानकारी अनुलग्नक-1 मे संलग्न है ।

यदि आप केन्द्रीय लोक सूचना अधिकारी के उत्तर से संतुष्ट न हो तो, केन्द्रीय लोक सूचना अधिकारी के उत्तर की प्राप्ति के 30 दिनों के भीतर पहले अपील प्राधिकारी के सम्मुख अपील की जा सकती है। आरटीआई अधिनियम, 2005 के तहत केन्द्रीय कार्यालय, गुडगांव में अपील प्राधिकारी का विवरण निम्नानुसार है:

**श्री बी.एन.डे.भौमिक,**

कार्यपालक निदेशक (तकनीकी विकास) एवं अपील प्राधिकारी  
केन्द्रीय कार्यालय, पावर ग्रिड कॉर्पोरेशन ऑफ इंडिया लिमिटेड,  
सौदामिनी, प्लॉट नंबर-2, सेक्टर-29, गुडगांव-122001, हरियाणा।  
ईमेल आईडी: appellate.cc@powergrid.co.in  
फोन नंबर: 0124-2571790,2863616

धन्यवाद,

**भवदीय,**

(जसबीर सिंह)

**मुख्य महाप्रबंधक (के. आ.) एवं के.लो.सू.अधिकारी**

Email ID: [cpio.cc@powergrid.co.in](mailto:cpio.cc@powergrid.co.in)

**Information Sought:**

1. List of Transmission projects completed (both RTM and TBCB projects) in last 5 years i.e. Financial year 2015-2016 to Financial Year 2019-2020. Details should include transmission project name, scope of project, project grant date, project start date and project COD date.
2. For all the Transmission projects completed (both RTM and TBCB projects) in last 5 years i.e. Financial year 2015-2016 to Financial Year 2019-2020, what is the project wise and year-wise O&M cost, starting from the year of commissioning of the project till Financial Year 2019-2020. Kindly also provide the annual % age O&M cost as compared to the annual tariff received for such already commissioned projects. Kindly share this data project wise and year wise.
3. For all the Transmission projects completed (both RTM and TBCB projects) in last 5 years i.e. Financial year 2015-2016 to Financial Year 2019-2020, what is the annual insurance cost of all the Projects (separately for Transmission Line and Substation/substation elements) from start year of the project till Financial Year 2019-2020. Kindly provide this information project wise and year wise.
4. It is understood that PGCIL provides intercompany loans to its SPVs (special purpose vehicle). Kindly share the intercompany loan agreement for a particular SPV i.e. FATEHGARH-II TRANSCO LIMITED.

**Reply:**

1. Details of transmission projects under RTM are available at CEA website: <https://www.cea.nic.in/monthlyarchive.html>. Details of Intra State transmission projects under TBCB are enclosed and marked as **Annexure-I**. TBCB projects (Inter-State Transmission Projects) completed in last 5 years i.e. Financial year 2015-2016 to Financial Year 2019-2020 is available in CEA website with the following link:

<http://cea.nic.in/reports/monthly/transmission/2020/competitive-07.pdf>

**2&3:** The information sought under RTI query 2 and 3 above pertains to O&M Cost and Insurance cost project wise and year-wise for all the Transmission projects completed (both RTM and TBCB projects) in last 5 years. It is to submit here that primarily POWERGRID implements inter-State Transmission systems under RTM route. In respect of RTM projects, information of project wise O&M cost and insurance is not separately available in POWERGRID. Consolidated figures of O&M cost and insurance for all the projects put together including those completed in last five years, is available in Annual Reports of the Company for respective year are posted on its website. As the separate project-wise O&M cost is not available, the annual %age of O&M cost as compared to the annual tariff

received for individual commissioned projects cannot be provided. The commissioned assets of POWERGRID are insured either through self-insurance scheme/ third party insurance.

Further in case of TBCB project, transmission projects are won through bidding process. The O&M cost and Insurance cost (project wise and year-wise O&M) are of commercial confidence in nature and disclosure of which would hamper the competitive position of POWERGRID and therefore exempted from disclosure under Section 8(1)(d) in the Right To Information Act, 2005.

4. Intercompany loan agreement for the SPV Fatehgarh-II Transco Limited is commercial confidence in nature and disclosure of which would hamper the competitive position of POWERGRID and therefore exempted from disclosure under Section 8(1)(d) in the Right To Information Act, 2005.

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Intra state Transmission  
Projects

Transmission Project Name **ESTABLISH TRANSMISSION SYSTEM FOR EVACUATION OF POWER FROM 2 X 660 MW  
JAWAHARPUR THERMAL POWER PROJECT AND CONSTRUCTION OF 400 kV SUBSTATION AT  
FIROZABAD ALONG WITH ASSOCIATED TRANSMISSION LINES**

Project grant date & Start  
date 21-Dec-18

Scope of Project  
Project COD date/Expected  
COD date

Sr. No.	Name of the Transmission Element	Scheduled COD
<b>Lot-1</b>		
1.	LILO of 765 kV Mainpuri-Gr. Noida SC line at Jawaharpur TPS	21st December, 2020
2.	Establishment of 400/220/132 kV (AIS) substation Firozabad (Capacity 2x500+2x 160 MVA), including 125 MVAR Bus Reactor with additional spare bays	21st December, 2020
3.	LILO of one circuit of 400 kV Agra South - Fatehabad (765kV) DC line at 400 kV Firozabad	21st December, 2020
4.	LILO of 220kV Firozabad (220kV) - Agra (765kV PG) line at 400kV Firozabad	21st December, 2020
5.	LILO of 132 kV Atmadpur - Barhan SC line at 400kV Firozabad	21st December, 2020
6.	132 kV Firozabad (400kV)- Narkhi DC line	21st December, 2020
<b>Lot-2</b>		
7.	Jawaharpur TPS-Firozabad 400 kV DC Quad line	20th March, 2021

Transmission Project Name

**Construction of 765/400/220 kV GIS Substation, Meerut with associated lines and 400/220/132 kV GIS Substation, Simbhaoli with associated Transmission lines**

Project grant date & Start date

19-Dec-19

Scope of Project  
Project COD date/Expected COD date

Sl. No.	Name of the Transmission Element	Scheduled COD
<b>A. 765/400/220kV GIS substation, Meerut with associated lines :-</b>		
1	Construction of 765/400/220kV GIS substation, Meerut (2x1500 MVA 765/400kV, along with 1x500MVA 765/400kV 1-Ph ICT - Spare Unit + 2x500MVA 400/220kV, 240MVAR 765kV bus reactor along with 1 no. 80 MVAR 1-Ph spare unit and 80MVAR 400kV bus reactor) with following Bays :-	31.08.2021
	(i) 765kV, 1500MVA ICT Bay - 02 nos.	
	(ii) 765kV, 240MVAR Bus Reactor Bay - 01 no.	
	(iii) 400kV, 1500MVA ICT Bay - 02 nos.	
	(iv) 400kV, 500MVA ICT Bay - 02 nos.	
	(v) 400kV, 80MVAR Bus Reactor Bay - 01 no.	
	(vi) 220kV, 500MVA ICT Bay - 02 nos.	
	(vii) 765kV Feeder Bay - 02 nos.	
	(viii) 400kV Feeder Bay - 04 nos.	
	(ix) 220kV Feeder Bay - 06 nos.	
2	Construction of following additional bays for future extension :-	31.08.2021
	(i) 765kV Feeder Bay - 02 nos.	
	(ii) 400kV Feeder Bay - 02 nos.	
	(iii) 220kV Feeder Bay - 04 nos.	
	(iv) 765kV T/F Bay - 01 no.	
	(v) 400kV T/F Bay - 02 nos.	
	(vi) 220kV T/F Bay - 01 no.	
3	LILOf 765kV S/C Gr. Noida (765kV) – Hapur (765kV) (WUPPTCL) at 765kV substation, Meerut	31.08.2021

<b>B. 400/220/132kV GIS substation, Simbhaoli with associated lines:-</b>		
1	Construction of 400/220/132kV GIS Substation, Simbhaoli (2x500 MVA 400/220kV + 2x200MVA 220/132kV, 80MVAR 400kV bus reactors) with following Bays:-	31.05.2021
	i. 400kV ICT Bay - 02 nos.	
	ii. 400kV, 80MVAR Bus Reactor Bay - 01 no.	
	iii. 220kV ICT Bay - 04 nos.	
	iv. 132kV ICT Bay - 02 nos.	
	v. 400kV Feeder Bay - 04 nos.	
	vi. 220kV Feeder Bay - 02 nos.	
2	Construction of following additional bays for future extension :-	31.05.2021
	i. 400kV Feeder Bay - 02 nos.	
	ii. 220kV Feeder Bay - 04 nos.	
	iii. 132kV Feeder Bay - 04 nos.	
	iv. 400kV T/F Bay - 01 no.	
	v. 220kV T/F Bay - 02 nos.	
3	Simbhaoli (400kV) – Muradnagar-II (Ghaziabad)	31.08.2021
	400kV DC Line (Twin Moose)	
4	Simbhaoli (400kV) – Meerut (765kV) 400kV DC Line	31.08.2021
	(Twin Moose)	

**ESTABLISH TRANSMISSION SYSTEM FOR CONSTRUCTION OF  
765/400/220 KV GIS SUBSTATION, RAMPUR AND 400/220/132 KV GIS  
SUBSTATION, SAMBHAL WITH ASSOCIATED TRANSMISSION LINES**

Transmission Project Name

Project grant date & Start  
date

12-Dec-19

Scope of Project

Project COD date/Expected  
COD date

Sl. No.	Name of the Transmission Element	Scheduled COD		
1.	Construction of 2X1500 + 2X500 MVA, 765/400/220 kV GIS substation, Rampur (including 330 MVAR Bus reactor and 240 MVAR line reactor at one 765kV	31.08.2021		
	i. 765kV, 1500MVA ICT Bay: 2 nos.			
	ii. 765kV, 330MVAR Bus Reactor Bay: 1 no.			
	iii. 400kV, 1500MVA ICT Bay: 2 nos.			
	iv. 400kV, 500MVA ICT Bay: 2 nos.			
	v. 220kV, 500MVA ICT Bay: 2 nos.			
	vi. 765kV Feeder Bay: 2 nos.			
	vii. 400kV Feeder Bay: 4 nos.			
	viii. 220kV Feeder Bay: 4 nos.			
	Construction of following additional bays at S/s for future extension:			
	i. 765kV Feeder bay: 1 no.			
	ii. 400kV feeder bay: 2 nos.			
	iii. 220kV feeder bay: 4 nos.			
	iv. 765 kV T/F bay: 1 no.			
	v. 400 kV T/F bay: 2 nos.			
	vi. 220 kV T/F bay: 1 no.			
	2.		Rampur (765 kV) – Sambhal 400 kV D/c line (Twin Moose)	31.08.2021
	3.		Construction of 2X500 + 2X160 MVA, 400/220/132 kV GIS substation, Sambhal (including 125 MVAR Bus reactor)	31.05.2021
i. 400kV, 500MVA ICT Bay: 2 nos.				
ii. 400kV, 125MVAR Bus Reactor Bay: 1 nos.				
iii. 220kV ICT Bay: 4 nos.				
iv. 132kV ICT Bay: 2 nos.				
v. 400kV Feeder Bay: 4 nos.				
vi. 220kV Feeder Bay: 4 nos.				
vii. 132kV Feeder Bay: 4 nos.				
Construction of following additional bays at S/s for future extension:				
i) 400kV feeder bay: 2 nos.				
ii) 220kV feeder bay: 2 nos.				
iii) 132 kV feeder bay: 2 nos.				
iv) 400 kV T/F bay: 1 no				
v) 220 kV T/F bay: 2 nos.				
vi) 132 kV T/F bay: 1 no				

Transmission Project Name

**ESTABLISH TRANSMISSION SYSTEM FOR INTRA-STATE TRANSMISSION WORK ASSOCIATED WITH CONSTRUCTION OF 400 KV SUBSTATION NEAR GUNA (DISTT.-GUNA) & INTRA-STATE TRANSMISSION WORK ASSOCIATED WITH CONSTRUCTION OF 220 KV S/S NEAR BHIND (DISTT.BHIND)**

Project grant date & Start date

11-Sep-19

Scope of Project

Project COD date/Expected COD date

Sr. No	Name of the Transmission Element	Scheduled COD
(A)	<b>Intra-State Transmission Work associated with construction of 400 kV Substation near Guna (Distt.Guna)</b>	
i.	400 kV DCDS (Quad Moose) line from Bina (MPPTCL) to Guna (New) with 2 X 80MVAR Switchable line reactor at Guna end	36
ii.	220 kV DCDS line from Guna (New) to Guna (MPPTCL) with Zebra Conductor	36
iii.	220 kV DCDS line from Guna (New) to Shivpuri (MPPTCL) with Zebra Conductor	36
iv.	Establishment of 2x500 MVA, 400/220 kV Substation near Guna involving following works- <b>400kV</b> - ICT 400/220 kV - 2x500 MVA - ICT bays - 2 Nos. - Line bays - 2 Nos. - Bus Reactor 125 MVAR - 1 No. - Bus Reactor bay - 1 No. - Space for ICT (Future) - 1 No. - Space for ICT bays (Future) - 1 No. - Space for Line bays (Future) - 4 Nos.  <b>220KV</b> - ICT bays - 2 Nos. - Line bays - 4 Nos. - Space for ICT bays (Future) - 1 No. - Space for line bays (Future) - 4 Nos	36
(B)	<b>Intra-State Transmission Work associated with construction of 220 kV S/s near Bhind (Distt.-Bhind)</b>	
i.	220 kV DCDS line from Morena (TBCB-CWR T L) to Bhind (New) with Zebra Conductor	36
ii.	Construction of 2 Nos. 220 kV feeder bays at Morena (TBCB-CWRTL) 400 kV S/s  [02 Nos for 220 kV DCDS line from Morena (TBCB-CWR T L) to Bhind (New) with Zebra Conductor]	36
iii.	132 kV DCDS line from Bhind (New) to Bhind (MPPTCL) with Panther conductor	36
iv.	132 kV DCDS line from Bhind (New) to Porsa (MPPTCL) with Panther conductor	36
v.	132 kV DCDS line from Bhind (New) to Gormi (MPPTCL) with Panther conductor	36



vi.	<p>Establishment of 2x160 MVA, 220/ 132 kV Substation near Bhand involving following works-</p> <p><b>220 kV</b></p> <ul style="list-style-type: none"> <li>- ICT 220/132 kV - 2x160 MVA</li> <li>- ICT bays - 2 Nos.</li> <li>- Line bays - 4 Nos.</li> <li>- Space for ICT (future) - 2 Nos.</li> <li>- Space for ICT bays (Future) - 2 Nos.</li> <li>- Space for line bays (Future) - 4 Nos.</li> </ul> <p><b>132 kV</b></p> <ul style="list-style-type: none"> <li>- ICT bays - 2 Nos.</li> <li>- Line bays - 6 Nos.</li> <li>- Space for ICT bays (future) - 2 Nos.</li> <li>- Space for line bays (future) - 6 Nos.</li> </ul>	36
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