

**BEFORE THE HARYANA ELECTRICITY REGULATORY COMMISSION AT  
PANCHKULA**

**Case No. HERC/Petition No. 02 of 2024**

**Date of Hearing : 07.05.2024**

**Date of Order : 14.05.2024**

**IN THE MATTER OF:**

**Petition under Regulation 3.2.2 of Haryana Electricity Regulatory Commission (Electricity Supply Code) Regulations, 2014 (2nd Amendment) Regulations, 2019 read with Haryana Electricity Regulatory Commission (Conduct of Business) Regulations, 2019 seeking approval of the Hon'ble Commission for allowing power supply connection of 6.25 MVA load at 220 kV Voltage level to provide connectivity to 220 kV Traction Sub-Station of Haryana Rail Infrastructure Development Corporation Limited at Village Mandothi.**

**Petitioner:**

Uttar Haryana Bijli Vitran Nigam Ltd. Vidyut Sadan, UHBVN, IP 3 & 4,  
Sector-14, Panchkula.

**VERSUS**

**Respondents:**

1. Haryana Rail Infrastructure Development Corporation Limited, Plot No 143, 5th Floor, Railtel Tower, Sector-44, Gurugram.
2. Haryana Vidyut Prasaran Nigam Limited (HVPNL), Shakti Bhawan, Sector-6, Panchkula

**Present**

**On behalf of the Petitioner**

1. Ms. Sonia Madan, Advocate
2. Sh. Pradeep Balodi, AE, UHBVN

**On behalf of the Respondent**

1. Ms. Vrinda Pasricha, Advocate, HVPN
2. Sh. Subhash Dhiman, XEN, HVPN

**QUORUM**

**Shri Nand Lal Sharma, Chairman**  
**Shri Naresh Sardana, Member**  
**Shri Mukesh Garg, Member**

## ORDER

1. Uttar Haryana Bijli Vitran Nigam Ltd. (hereinafter referred to as 'UHBVNL'), has filed the present petition under Regulation 3.2.2 of the Haryana Electricity Regulatory Commission (Electricity Supply Code) Regulations, 2014 (2nd Amendment) Regulations, 2019 ('Electricity Supply Code' for short) for seeking approval of the Hon'ble Commission for allowing power connection with a connected load of 5MW with contract demand of 6.25 MVA load at 220 kV voltage level to provide connectivity to 220 kV Traction Sub-Station of Haryana Rail Infrastructure Development Corporation Limited (hereinafter to be referred to as 'HRIDC'/ Respondent no. 1) at Village Mandothi and submitted as under:

### FACTUAL MATRIX -

- 1.1. That Respondent no. 1, i.e. HRIDC is a Joint Venture of the Government of Haryana ('GOH') and the Ministry of Railway ('MOR') with a mandate to take up planning and implementation of various rail infrastructure projects in the State of Haryana. HRIDC is undertaking the development of the Haryana Orbital Rail Corridor ('HORC') project which connects Palwal to Sonipat via Sohna, Manesar, and Kharkhoda via broad gauge double railway line for passenger and freight traffic. The project aims to provide connectivity to the industrial hubs of Kharkhoda, Manesar and Sohna and will help in the development of this region of the State of Haryana.
- 1.2. That the Haryana Orbital Rail Corridor on behalf of Respondent no. 1 applied for a new electricity connection in the online portal of the Petitioner for a load of 5MW with a contract demand of 6.25 MVA load at 220 kV voltage level, which has necessitated the filing of the present petition. The Respondent no. 1 has projected the load requirement as 5 MVA from the year 2023-2026 and thereafter as 8 to 10 MVA. Further, HRIDC vide letter dated 11.12.2023 has intimated that the ultimate load requirement would be 100 MVA in future.

### FEASIBILITY REPORT FOR GRANT OF CONNECTION

- 1.3. That as per Regulation 3.2.1 of the Haryana Electricity Supply Code, the connectivity for a connected load of 6.25 MVA is admissible is 33KV level. However, Respondent no. 1 requested for release of the connection at 132 kV or 220 kV voltage level from the nearest grid substation. In view of such request, the technical feasibility for feeding the ultimate load of ~10 MVA was checked and examined by the Joint Committee consisting of officials of the Petitioner and the Respondent no. 2.
- 1.4. That the Joint Committee examined the capacity and potential of power supply via the nearest connected grid sub-stations i.e. sub-station at Nuna-Majra, Kharkhoda, and Dadri Toe. The present approved and proposed installed capacity of 400 kV and 220 kV sub-station is tabulated as under for the ease of reference: -

Sr. No	Name of S/ Stn.	Installed Capacity	Approved Capacity	Proposed Capacity
1	400kV S/Stn. PGCIL Ballabgarh	1X500MVA, 400/220kV (500MVA)  1X315MVA, 400/220kV (315 MVA)	2X500 MVA, 400/220 kV (500MVA) 1X315 MVA, 400/220 kV (315 MVA)	2X500 MVA 400/220 kV (500 MVA), 1X315 MVA 400/220 kV (315 MVA)
	<b>Total</b>	<b>815 MVA</b>	<b>1315 MVA</b>	<b>1315 MVA</b>
<b>Down line 220kV Load</b>				
1	220 kV S/Stn., Nuna-Majra	3X100MVA, 220/132kV(300 MVA) 1X100MVA,220/33kV (100 MVA)	3X100 MVA,220/132 kV (300 MVA) 1X100MVA, 220/33 kV (100 MVA)	3X100 MVA,220/132 kV (300 MVA) 1X100 MVA, 220/33 (100 MVA)
2	220kV GIS		2X100MVA, 220/33kV (200MVA)	2X100MVA

	S/Stn. In Pocket-B IMT Kharkhoda (Upcoming)			220/33kV(200MVA)
3	220kV METL, Dadri Toe	1X100MVA,220/33kV (Presently fed from 400kV Kabulpur	3X100MVA,220/33kV	3X100MVA, 220/33kV
	<b>Total</b>	<b>500 MVA</b>	<b>900 MVA</b>	<b>900A</b>

- 1.5. That the 220 kV sub-station Nuna-Majra is fed from 400 kV sub-station PGCIL, Bahadurgarh. At present, the maximum load recorded on 500 MVA 400/220 kV T/F (T-1), 315 MVA 400/220 kV T/F (T-2) at 220 kV Sub-Station Nuna-Majra is 126 MVA & 126 MVA respectively i.e. an aggregate of 252 MVA against the installed capacity of 815 MVA. Further, it was observed that sufficient space for the construction of 2 nos. 220 kV bays is available in the yard of 220 kV Nuna-Majra sub-station for evacuation of the double circuit line, and new bays can be constructed by extension of 220 kV switchyard. Sufficient space was also found available for the installation of 200 kV line C&R panels in the Control Room. Therefore, the load requirement of the proposed Traction Sub-Station of Haryana Rail Infrastructure Development Corporation Limited at Village Mandothi i.e., 5 MVA from the year 2023-2026 and 8 to 10 MVA thereafter was found technically feasible to be fed from Sub-Station at Nuna-Majra.
- 1.6. That the Joint Feasibility Report prepared by the Joint Committee found the release of connection at 220 kV level from 220 kV Sub-Station Nuna-Majra, HVPNL as technically feasible subject to certain conditions, which are enumerated hereunder –
- 3-phase double circuit line on moose conductor of approximate length 5 KM shall be constructed by Respondent no. 2 i.e. HVPNL, as a deposit work, for which cost shall be borne by Respondent no. 1 i.e. HRIDC.
  - Respondent no. 2 i.e. HVPNL shall construct 2 nos. 220 kV line bays at 220 kV sub-station Nuna-Majra (3- Phase on double circuit tower), as a deposit work, for which cost shall be borne by the Respondent no. 1 i.e. HRIDC.
  - HRIDC will obtain all mandatory approvals prior to and post execution of work from respective authorities of HVPNL, civic bodies, other agencies, and the office of Chief Electrical Inspector, Haryana.

**CHARGES PAYABLE BY THE CONSUMER:**

- 1.7. That as per the Joint technical feasibility report, Respondent no. 1 has to bear the cost of 2 nos. 220 kV line bays and 3-phase double circuit line on moose conductor of approximate length 5 KM or service connection charges whichever is higher, the cost for which shall be ascertained on actual basis as per Regulations after the approval of the instant petition by this Hon'ble Commission.

**LEGAL CONSPECTUS**

- 1.8. That as per Regulation 3.2.1 of the Haryana Electricity Regulatory Commission (Electricity Supply Code) Regulations, 1st Amendment, 2014, supply to a contracted load exceeding 5000kVA and up to 7500kVA shall be generally given at 33KV voltage level. The relevant excerpt of Regulation 3.2.1 is reproduced below:

*“3.2.1 supply shall generally be given at the following voltages on the basis of contracted load:*

<b>Category</b>	<b>System of Supply</b>
<b>Low Tension</b>	
Contracted load upto 5KW	Single phase at 230V

<i>Contracted load above 5KW and up to 50 KW</i>	<i>3 Phase 4 wire at 400V</i>
<b>High Tension</b>	
<i>Contracted load exceeding 50 KW and up to 5000 kVA</i>	<i>3 Phase at 11 kV</i>
<i>Contracted load exceeding 2000 kVA and up to 25000 kVA</i>	<i>3 Phase at 33 kV</i>
<i>Contracted load exceeding 5000 kVA and up to 75000 kVA</i>	<i>3 Phase at 66 kV</i>
<i>Contracted load exceeding 25000 kVA and up to 100000 kVA</i>	<i>3 Phase at 132 kV</i>
<i>Contracted load exceeding 75000 kVA and up to 320000 kVA</i>	<i>3 Phase at 220 kV</i>
<i>Contracted load exceeding 320000 kVA</i>	<i>3 Phase at 400 kV</i>

- 1.9. That as per Regulation 3.2.2 of Haryana Electricity Regulatory Commission (Electricity Supply Code) Regulations, 2nd Amendment, 2019, power supply may be given at voltage other than those specified in Regulation 3.2.1 depending upon technical conditions of the transmission/distribution system subject to prior approval of the Hon'ble Commission. The relevant excerpt of Regulation 3.2.2 is reproduced below:

*“ 3.2.2 In case where supply, depending upon the technical conditions of the transmission/distribution system and / or the requirement of the consumer, has to be given at a voltage other than specified in Regulation 3.2.1/ approved plan, the licensee may accept the request of the applicant with the approval of the Commission.*

*Further, in case 33kV voltage level is not available in the area of supply than load above 5 MVA upto 8 MVA may be served through 11 kV feeder with appropriate type/size of conductor. Provided, the difference of cost of 33 kV substation at the consumer end along with its connectivity from the distribution / transmission licensee's substation including the bay and the actual cost of connection of 11 kV is borne by the consumer.*

*Provided further that, in case intermediate voltage level between 33 kV and 220 kV is not available in the area of supply of the licensee, the load upto 37.5 MVA may be served through 33 kV feeder with appropriate type/ size of conductor provided the difference of cost of substation as per Regulation 3.2.1 at the consumer end along with its connectivity from the distribution / transmission licensee's substation including the bay and the actual cost of connection on 33 kV is borne by the consumer.”*

- 1.10. That in compliance with the foregoing legal framework, the Petitioner has examined the technical feasibility in terms of the requirement of the consumer/ Respondent no. 1. It is evident from aforesaid sequence of events that the feasibility for providing power supply at 220 kV level to Respondent no. 1 has been found acceptable subject to deposit of cost as per regulations. Accordingly, in light of the above-stated facts and legal position, the Petitioner seeks kind approval of this Hon'ble commission for providing a new power connection by feeding 220 kV Traction Sub-Station of Haryana Rail Infrastructure Development Corporation Limited at Village Mandothi for Haryana Orbital Rail Corridor subject to conditions mentioned and subject to deposit of cost as per regulations.

**PRAYER**

- 1.11. It is, therefore, respectfully prayed that the present petition may kindly be allowed and this Hon'ble Commission may be pleased to: -
- 1.11.1. Allow this Petition and approve the grant of power connection to provide new power connection by feeding 220 kV Traction Sub-Station of Haryana

Rail Infrastructure Development Corporation Limited at Village Mandothi for Haryana Orbital Rail Corridor Project with a connected load of 5MW with contract demand of 6.25 MVA load at 220 kV voltage level as per the recommendations of the joint technical feasibility committee report of UHBVN & HVPN and subject to deposit of cost as applicable for new connection as per HERC Regulations; And/ Or

- 1.11.2. Pass such orders, as the Hon'ble Commission may deem fit and appropriate in the facts and circumstances of the present case.
2. The case was heard on 21/02/2024. Ms. Sonia Madan counsel for the petitioner submitted that the petitioner seeks approval for grant of power connection of a connected load of 5 MW with contract demand of 6.25 MVA at 220 kV Voltage for Haryana Rail Infrastructure Development Corporation Limited (HRIDCL) from 220 KV substation Nuna Majra. The Commission observes that proposal of petitioner for supplying power to HRIDCL at 220 kV level is not from feeding end substation. The Commission directs HVPN to submit an affidavit that the prayer for release of connection from 220 kV substation Nuna-Majra is in conformity with Duty to supply, Regulations 2016 and additional requirement of load for HRIDCL upto 100 MVA (as mentioned in the petition) can be met through existing 220 kV line feeding the 220 kV S/Stn. Nuna Majra in addition to capacity created at this Substation. The counsel for the petitioner requested to allow the petitioner to re-visit the proposal in discussion with HVPN and to re-submit the same for consideration of the Commission.
3. The case was heard on 27/03/2024. Ms. Sonia Madan counsel for the petitioner submitted that some more time is required to work out the revised proposal for release of connection. Ms. Vrinda Pasricha, counsel for the respondent-HVPN submitted that the meetings are being held with the concerned authorities for resolution of the issues relating to cost. Acceding to the request of Petitioner and respondent-HVPN the Commission adjourns the matter.
4. The Respondent-HVPN, in compliance of the order dated 21.02.2024 submitted as under:
  - 4.1. The subject-cited petition was filed by UHBVN and the same was heard on 21.02.2024 and the interim order was passed by Hon'ble HERC. The operative portion of the order reads as under:-

*“3. The Commission observes that proposal of petitioner for supplying power to HRIDCL at 220 kV level is not from feeding end substation. The Commission directs HVPN to submit an affidavit that the prayer for release of connection from 220 kV substation Nuna-Majra is in conformity with Duty to supply, Regulations 2016 and additional requirement of load for HRIDCL up to 100 MVA (as mentioned in the petition) can be met through existing 220 kV line feeding the 220 kV S/Stn. Nuna Majra in addition to capacity created at this Substation.”*
  - 4.2. That the brief facts of the case are that the consumer M/s HRIDCL applied for electricity connection vide application No. H22- 823-162 dated-16.08.2023 under Railway Traction category for load of 5000 KW with contract demand of 6250 KVA. Further the applicant has requested for supply at 220 KV voltage level. The joint feasibility report for feeding the load of the applicant at 220 KV level was finalized by SE(OP), UHBVN, Rohtak and SE(TS), HVPN, Rohtak and supplied by SE(TS), HVPNL, Rohtak vide memo no. Ch-77/O&MR-56 dated 24.08.2023. The joint feasibility Report was further considered by Joint Technical Feasibility committee of HVPN

&UHBVN and it was recommended to feed the load of 6.25 MVA of HRIDCL from 220 KV S/Stn. Nuna-Majra after approval of Hon'ble HERC as per the provision HERC Supply Code Regulations. Accordingly, the petition was filed by UHBVN on dated- 29.12.2023, which also contains the joint feasibility Report and recommendations of joint technical feasibility committee.

4.3. That on perusal of Hon'ble HERC order dated 21.02.2024, following two issues have emerged for licensee to be addressed and the same are as under:

4.3.1. Whether, the proposal for release of connection at 220kV level from 220kV Nuna Majra is as per regulations or not?

4.3.2. Whether, the ultimate load requirement of load for HRIDCL upto 100 MVA can be met through existing 220kV line feeding the 220kV sub-station Nuna Majra, in addition to capacity created at the sub-station, which indirectly refers to the responsibility bearing the cost of any augmentation required for 400kV S/Stn. PGCIL to 220KV S/stn. Nuna Majra line?

In response to both the issues as emerged, it is most respectfully submitted as under: -

(A)Issue of consideration of feeding source

With respect to observations of the Hon'ble Commission to decide the issue of feeding source, the relevant provisions of HERC regulations on duty to supply request are given as under: -

- (i) *Regulation-2.3(24)- "feeder" means an electrical line emanating from a sub-station, to which a distribution sub-station or LT or HT consumers are connected;*
- (ii) *Regulation-2.3(27)-"independent feeder" means a feeder constructed at the cost of a consumer or a group of consumers and supplying electricity to only that consumer or group of consumers;*
- (iii) *Regulation-4.8.2 Supply through independent feeder. i) In case the applicant requests for supply of electricity through an independent feeder and the same is technically feasible as per Regulation 3.11, the charges of controlling equipment including Circuit Breaker, Bay (if to be erected), CTs & PTs, Isolators, Line and Earth switch, Meter required at the feeding sub-station, Electric Line up to the consumer end and the meter at consumer end shall be borne by the applicant.*

Therefore, the above-mentioned provisions of regulations does not bar any consumer at any voltage to be fed from the same voltage sub-station. In practice, in HVPNL grid design, the sub-stations are fed from same voltage sub-station as a primary or secondary source. Some of the examples of the same are given as under: -

Sr. No.	Name of Sub-station	Feeding sub-station	Primary / Secondary Source
1	220KV S/Stn. Batta	220KV S/Stn. Kaithal	220KV S/Stn. Narwana
2	220KV S/Stn. Sonta	220KV S/Stn. Durala	220KV S/Stn. Cheeka

Further, in respect of similar cases, wherein the applicant has applied for connections at a higher voltage than the admissible voltage and the petition has been filed by the consumer, in that cases also, the Hon'ble Commission has allowed the connectivity at a voltage level from the same voltage level sub-station and the details of two cases are given as under for the kind perusal of the Hon'ble Commission: -

- (a) Haryana Electricity regulatory Commission (HERC) order dated 11<sup>th</sup> March, 2020 in the matter of Wonder Cement Vs HVPN & UHBVN in Case No. HERC/PRO-52 of 2019:-

In the order, on the proposal of HVPNL and UHBVN, the applicant M/s Wonder Cement has been allowed 132 level connectivity by creating LILO of Dadri-Kosli line, for a load of 13 MVA, wherein the applicant has bear the cost of creation of LILO, 132kV level switching station Jhanswa and cost of 132kV independent feeder from 132kV sub-station Jhanswa is borne by the applicant.

- (b) Haryana Electricity regulatory Commission (HERC) order dated 17<sup>th</sup> November, 2021 in the matter of M/s Yokohama Vs HVPN & UHBVN in case No. Case No. HERC/PRO- 28 of 2021 :

In the order, on the proposal of HVPNL and UHBVN, the applicant M/s Yokohama has been allowed 132 level connectivity from 132kV HSIIDC, Bahadurgarh for a load of 9.260 MVA, wherein the applicant has bear the cost of 132kV bays and 132kV independent feeder from 132kV sub-station HSIIDC Bahadurgarh.

It is therefore submitted before Hon'ble Commission that the proposal of providing connection from 220KV S/Stn. Nuna Majra is as per technical feasibility and also is as per the provisions of HERC regulations, subject to the details of other issues as given in para-II below with respect to liability of cost for feeding line as per provisions of regulations in such cases where the applicant as well as sub-station voltage level is same.

- (B) Issue of consideration of feeding source and cost recovery thereof as per observation of Hon'ble HERC

The Hon'ble HERC in its order dated 21.02.2024 has also made observations with regard to feeding source, which has a direct impact on the cost to be recovered from the applicant in case of any requirement in extension and augmentation of the transmission line for release of connection. The various issues involved and provisions of regulations are given as under:-

The relevant regulations namely are reproduced as under:-

Regulations-4.5 *The licensee shall also not claim any payment or reimbursement from the applicant for any expenditure incurred or to be incurred by the licensee in terms of or under any scheme approved by the Commission or when such expenditure is otherwise allowed to be recovered through tariff by the licensee as a part of the revenue requirements of the licensee.*

Regulations-4.6 *The cost of extension of distribution main and/or its up-gradation up to the point of supply for meeting the demand of a consumer, whether new or existing, and any strengthening/augmentation/up-gradation in the system starting from the feeding substation for giving supply to that consumer, shall be payable by the consumer or any collective body of such consumers as per these Regulations.*

Regulations-4.7- *However, cost of augmentation of substation or creation of a new substation or cost of augmentation of the line feeding the substation from where the supply is to be given shall not form part of cost to be recovered from the consumer or collective body of consumers as per Regulation 4.6.*

In view of the above provisions of the regulations and keeping in view the technical feasibility for release of connection of M/s HRIDCL, it is submitted as under: -

- (a) Ideally, the connection of HRIDCL at 220 kV level is to be released from the nearest 400kV Sub-station, which in the present case is 400kV S/Stn. PGCIL Bahadurgarh. However, while conducting technical feasibility, it was observed that there is no 220KV bays space available in 400kV sub-station PGCIL Bahadurgarh. Moreover, the applied load as on date is very small i.e. 6.25 MVA and there is no trajectory of load requirement as on date, therefore, creation of dedicated 220kV line from any other 400kV sub-station and blocking capacity / corridor is not financial and technical justified at present. Accordingly, for 6.25 MVA applied load, the joint technical feasibility committee of UHBVN and HVPNL has recommended to feed the same from 220kV S/Stn. Nuna Majra.
- (b) The 220kV S/Stn. Nuna Majra (3X100MVA, 220/132kV + 1X100MVA, 220/33kV + 1x16/20MVA 132/11) is connected to 400kV S/Stn. PGCIL through double circuit 0.4 sq. inch line conductor. The 220 KV sub-station Nunamajra is fed from 400 KV sub-station PGCIL, Bahadurgarh. The present approved and proposed installed capacity of downline 400 KV and 220 KV sub-station is as under: -

Sr. No.	Name of S/Stn.	Installed Capacity	Approved Capacity	Proposed Capacity
1	400KV S/Stn. PGCIL B, Garh	1X500MVA, 400/220KV + 1X315MVA, 400/220KV	2X500 MVA, 400/220 KV + 1X315 MVA, 400/220 KV	2X500 MVA 400/220 + 1X315 MVA 400/220 KV
	<b>Total</b>	<b>815 MVA</b>	<b>1315 MVA</b>	<b>1315 MVA</b>
<b>Downline 220kV Load</b>				
1	220kV S/Stn., Nuna-Majra	3X100MVA, 220/132kV (300 MVA) + 1X100MVA, 220/33KV (100 MVA)	3X100MVA, 220/132KV (300 MVA) + 1X100MVA, 220/33KV (100 MVA)	3X100 MVA, 220/132 KV (300 MVA) + 1X100 MVA, 220/33 KV (100 MVA)
2	220kV GIS S/Stn. in Pocket- B IMT Kharkhoda (Upcoming)		2X100MVA, 220/33kV (200MVA)	2X100MVA, 220/33kV (200MVA)
3	220kV METL, Dadri Toe	1X100MVA, 220/33kV (presently fed from 400kV Kabulpur)	3X100MVA, 220/33kV (300 MVA)	3X100MVA, 220/33kV (300 MVA)
	<b>Total</b>	<b>500 MVA</b>	<b>900 MVA</b>	<b>900 MVA</b>

The capacity of 0.4 sq. inch conductor is 208 MVA per circuit, therefore the transformation capacity of 400kV PGCIL – 220kV Nuna Majra transmission line is 416 MVA. However, the peak load / demand felt on the circuit 256 MVA i.e. 61.5%. since, sufficient capacity is available at 400kV S/Stn. PGCIL to cater the load of 6.25 MVA of HRIDCL and also sufficient margin is available in transmission line, there is no requirement of any augmentation of existing transmission line which is under loaded and no cost is required to be taken from HRIDCL for any augmentation of this line as per regulations 4.6.

- (c) As per the provisions of clause 4.5, the feeding transmission line from 400kV S/Stn. PGCIL to 220kV S/Stn. Nuna Majra is already erected and commissioned and the cost recovery is already undertaken under ARR and there is no requirement of its augmentation for feeding the load of 6.25 MVA, therefore there is no demand for augmentation of line from 400kV S/Stn. PGCIL to 220kV S/Stn. Nuna Majra. However, as per regulations 4.6, the applicant i.e HRIDCL will bear the cost of creation of 2 No. line bays at 220kV sub-station Nuna majra, cost of erection of double circuit



220kV line from 220kV sub-station Nuna Majra to 220kV TSS sub-station of HRIDCL.

- (d) The above feasibility is limited to applied load of 6.25 MVA only. In future, in case the HRIDCL submits application for extension of load, in that case the technical feasibility will be revised and in case augmentation of 220kV line is required from 400kV S/Stn. PGCIL to 220kV S/Stn. Nuna Majra, the same will be got undertaken at the cost of HRIDCL as per the provisions of regulations 4.6.

- 4.4. In view of the above, it is therefore respectfully submitted that keeping in view the loading conditions for applied load of 6.25 MVA, at present there is no requirement of augmentation of transmission line connecting 400kV S/Stn. PGCIL to 220kV S/Stn. Nuna Majra, and hence no cost of augmentation is required from the applicant HRIDCL for the load of 6.25 MVA as per regulation 4.6. Moreover, the existing 400kV PGCIL – 220kV Nuna Majra line has already been created in ARR and hence no part / share or any other cost is recoverable as per provisions of regulation 4.5. However, in case in future, if HRIDCL comes for extension of load to any higher load, fresh feasibility would got be conducted by UHBVN and HVPNL jointly and in case any augmentation of line is required for feeding the enhanced load, the applicant HRIDCL will bear the complete cost of augmentation of 400kV PGCIL to 220kV S/Stn Nunamajra or erection of new line as per technical feasibility at that time as per provisions of regulations 4.6.

**PRAYER:**

In view of the submissions made hereinabove, it is respectfully prayed that the present petition may kindly be decided as per the relevant rules and regulations as this Hon'ble Commission deems fit and necessary, in the interest of justice.

**Commission's Order:**

5. The case was heard on 07/05/2024, as scheduled, in the court room of the Commission.
6. At the outset, Ms. Sonia Madan counsel for the petitioner submitted that as per regulations the connection of HRIDCL at 220kV level is to be released from the nearest 400 kV Sub-Station which is PGCIL Bahadurgarh. But there is no space available in PGCIL Bahadurgarh and applied load as on date is very small i.e. 6.25 MVA and HVPNL doesn't want to block capacity for such a small load.
7. Ms. Madan further submitted that the HRIDCL has informed the petitioner that there is no load requirement more than applied load of 6.25 MVA for next 8 to 10 years to HRIDCL. Keeping in view the present loading condition, the committee of UHBVN and HVPNL has recommended to feed the HRIDCL load of 6.25 MVA from 220 kV Sub-Station Nuna Majra. She further clarified that the above feasibility is limited to applied load of 6.25 MVA only. Further, in case the HRIDCL applies for extension of load in future after 8 years or thereafter, in that case fresh technical feasibility from feeding source of 400kV shall be carried out and the cost of line/bays etc. if any shall be borne by HRIDCL. There are some instances that the Commission had allowed the connectivity from the same voltage level Sub- Station.
8. After considering written as well as oral averments of the petitioner, the Commission allows the petitioner to provide new power connection for feeding 220 kV Traction Sub-Station of Haryana Rail Infrastructure Development Corporation Limited at Village Mandothi for Haryana Orbital Rail Corridor Project with a connected load of 5MW with contract demand of 6.25 MVA load at 220 kV voltage level, as prayed for, subject to the condition that in case the HRIDCL applies for extension of load in future in next 8 years or thereafter, in that case

fresh technical feasibility from feeding source of 400kV shall be carried out and the cost of line/bays etc. if any shall be borne by HRIDCL.

This order is signed, dated and issued by the Haryana Electricity Regulatory Commission on 14.05.2024.

**Date: 14/05/2024**  
**Place: Panchkula**

**(Mukesh Garg)**  
**Member**

**(Naresh Sardana)**  
**Member**

**(Nand Lal Sharma)**  
**Chairman**

HERC