



पावर ग्रिड कारपोरेशन ऑफ इंडिया लिमिटेड  
(भारत सरकार का उद्यम)  
**POWER GRID CORPORATION OF INDIA LIMITED**  
(A Government of India Enterprise)



दक्षिणी क्षेत्र पारिषण प्रणाली - II क्षेत्रीय मुख्यालय, आर.टी.ओ. ड्राइविंग टेस्ट ट्रैक के पास  
सिंहनायकनहल्ली, येलहंका होब्ली, बेंगलूरु - 560 064.

Southern Region Transmission System - II RHQ., Near RTO Driving Test Track, Singanayakanahalli  
Yelahanka Hobli, Bangalore - 560 064.

**Registered Post with Acknowledgement Due**

Ref: SR-II: RTI: F-937:2019/ 1996

Date: 16<sup>th</sup> September 2019

To

Shri Gnanasivamoorthi,  
3/599, Vavipalayam,  
Kethanur Via,  
**Palladam 641 671 (TN)**

Sir,

**Sub: Information sought under RTI Act, 2005 – reg.**

This has reference to your online application vide Ref.No.PGCIL/R/2019/50375 dated 28/08/2019 under RTI Act, 2005. The information sought in the application is enclosed as Annexure-I.

As per section 19 of the Right to Information Act 2005, if required, you may file an appeal to the First Appellate Authority of the organisation within 30 days of the issue of this order. The address of the First Appellate Authority is given below:

Shri S.Ravi,  
Executive Director (SRTS-II)  
Power Grid Corporation of India Ltd.,  
Singanayakanahalli,  
Yelahanka Hobli,  
Bangalore 560 064.  
e-mail : [sr2edo@gmail.com](mailto:sr2edo@gmail.com)  
Tel.No.: 080-23093701

Thanking you,

Yours faithfully,

(V.RAJESH)

General Manager & CPIO  
e-mail id: [sr2cpio@gmail.com](mailto:sr2cpio@gmail.com)  
Tel.No.: 080-23093711

Encl.: As above

Copy to: ED(SRTS-II), Appellate Authority, POWERGRID, SRTS-II, Bangalore - for kind information.

स्वहित एवं राष्ट्रहित मे ऊर्जा बचाएं Save Energy for the Benefit of Self and Nation

RTI No.	Reply to Petitioner
50375	<p>i) &amp; ii) The issuance of the Public Notice is not required as per the Electricity Act, 2003 and Indian Telegraph Act, 1885. However, paper publication issued on 20.05.2016 in local dailies "The New Indian Express" and "Dinamani". The matter in this regard were already settled by Honb'le High Court of Madras in the case of WP-15077/2019 and Writ appeal 2167/2019.</p> <p>iii) The Raigarh-Pugalur HVDC system Project is being implemented by POWERGRID under prior approval Ref No.52/11(PGCIL)/2015-PSP&amp;PA-II/251-252 dated 29/09/2015 and subsequent amendment dt: 18.02.2016 by Ministry of Power Government of India under of sec(68) of Electricity act, 2003. <b><u>Annexure-Ia</u></b></p> <p>iv) The Techno economic route has been finalised and approved by the concerned approving authority. The information sought by the petitioner is technical documents and need not be shared and the same is confirmed by Honb'le High court of Madras and Honb'le Supreme Court.</p> <p>v) &amp; vi) The Survey no. 814/1B &amp; 688 falls in the corridor of 400 kV Pugalur-Edayarpalayam line.</p> <p>vii) &amp; ix) The compensation towards damages caused to the tree/crop during execution of the project are being compensated as assessed by the concerned authorities. In addition, land value for tower base and diminishing of land value for right of way as assessed by the concerned District Collector as per the provisions of GO(Ms)No.63 dt: 22.11.2017 will be paid.</p> <p>viii) In case of objections/obstructions only, petition will be filed before concerned District Magistrate under sec 16(1) of Indian Telegraph act 1885 for removal of objections/obstructions.</p>



Government of India  
Ministry of Power  
Central Electricity Authority  
Power System Planning & Project Appraisal-II Division  
Sewa Bhawan, R.K. Puram New Delhi - 110 065



ISO : 9001 : 2008

No 52/11(PGCIL)/2015-PSP&amp;PA-II/

Dated: 24-09-2015

To  
Chairman cum Managing Director, 251-52  
Power Grid Corp. of India Ltd.,  
"Saudamini", Plot No.2, Sector-29,  
Gurgaon -122 001, Haryana.

Subject: Prior approval of the government under section 68(1) of EA, 2003 for "(i) Raigarh-Pugalur 8000 MW HVDC System, (ii) AC System strengthening at Pugalur end, and (iii) Pugalur-Trichur 2000 MW VSC Based HVDC System" schemes of PGCIL.

Ref 1-MoP's letter no. 15/9/2013-Trans dated 22.09.2015  
2-PGCIL letter no C/CTU-Pig/S/Raigarh-Pugalur dated 1<sup>st</sup> September, 2015.  
3- PGCIL letter no C/CP/ Raigarh-Pugalur HVDC dated 26.08. 2015 and 15.06.2015  
4-Minutes of Joint Meeting of SCPSP of SR and WR dated 28-May-2015.

Sir,

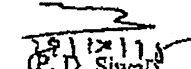
1. This has reference to POWERGRID's letter no. dated 01.09.2015 and 15.06.2015 seeking prior approval of Government under Section 68(1) of Electricity Act, 2003 for following three schemes:  
Scheme # 1: Raigarh-Pugalur 6000 MW HVDC System  
Scheme # 2: AC System strengthening at Pugalur end  
Scheme # 3: Pugalur-Trichur 2000 MW VSC Based HVDC System
  2. In this regard, MoP vide their letter dated 22<sup>nd</sup> September, 2015 has informed that the above HVDC and AC schemes will be implemented by PGCIL through regulated tariff mechanism.
  3. The above schemes with following scope of works were discussed and agreed in the Joint meeting of the Standing Committee on Power System Planning of Southern Region and Western Region held on 20.04.2015 in Delhi.  
**Scheme # 1: Raigarh-Pugalur 6000 MW HVDC System**
    1. Establishment of Raigarh HVDC Station  $\pm 800$ kV with 6000 MW HVDC terminal. (This Raigarh Station would be implemented with extended bus of Raigarh(Kotra) existing 400kV S/S. The HVDC Station would have GIS for 400kV part and AIS for HVDC part.)
    2. Establishment of Pugalur HVDC Stn  $\pm 800$ kV with 6000 MW HVDC terminal. (The HVDC Station would have GIS for 400kV part and AIS for HVDC part.)
    3.  $\pm 800$  kV Raigarh (HVDC Stn) - Pugalur (HVDC Stn) HVDC Bipole link with 6000 MW capacity.  
[This system would be designed with normal 20% overload for 30 minutes and 10% overload for 2 hours.]
- Scheme # 2: AC System strengthening at Pugalur end**
1. Pugalur HVDC Station - Pugalur (Existing) 400kV (quad) D/c line

2. Pugalur HVDC Station – Arasur 400kV (quad) D/c line.
3. Pugalur HVDC Station – Thiruvalem 400kV (quad) D/c line with 2x80 MVAR line reactor at Pugalur HVDC Station end and 2x63 MVAR line reactor at Thiruvalem 400kV end. (existing 1x63 MVAR bus reactor shall be utilized as line reactor in one circuit and second circuit shall have new 63 MVAR line reactor)
3. Pugalur HVDC Station – Edayarpalayam 400kV (quad) D/c line.
4. Edayarpalayam – Udumulpata 400kV (quad) D/c line.  
(Establishment of 400/220kV substation at Edayarpalayam with 2x500 MVA transformers and 2x125 MVAR bus reactors would be under the scope of TANTRANSCO. The bay(4 nos) for ISTS transmission lines at Edayarpalayam would be implemented as ISTS.)

**Scheme # 3: Pugalur- Trichur 2000 MW VSC Based HVDC System**

1.  $\pm 320$ kV, 2000 MW VSC based HVDC terminal at Pugalur. The HVDC Station would have GIS for 400kV part and AIS for HVDC part.
  2.  $\pm 320$ kV, 2000 MW VSC based HVDC terminal at North Trichur. The HVDC Station would have GIS for 400kV part and AIS for HVDC part.
  3. Establishment of VSC based 2000 MW HVDC link between Pugalur and North Trichur\* (Kerala).  
(\*parts of this link, in the Kerala portion, may be implemented as underground cable where implementation as overhead transmission line is difficult because of ROW issues).
  4. LILO of North-Trichur – Cochin 400 kV (Quad) D/c line at North Trichur HVDC Stn.
4. Considering above, CEA conveys the prior approval of Government under Section 68(1) of Electricity Act, 2003 to PGCIL for the three schemes with scope of works as mentioned above.
5. This approval is subject to compliance of:
- (a) The requirement of the relevant provisions of the Electricity Act, 2003, as amended from time to time and the rules and regulations framed there under, and
  - (b) CEA's (Measures relating to Safety and Electrical Supply) Regulations, 2010 framed under the Electricity Act, 2003.
6. The approval is also subject to the following conditions:
- i) The implementing agency will commence construction of the project within three years, unless this term is extended by the Central Electricity Authority.
  - ii) Central Electricity Authority may withdraw the approval before the expiry of the period of three years after giving a one month notice.
  - iii) The implementing agencies shall abide by the provisions of Works of Licensee Rules, 2006 notified by the Govt. of India, Ministry of Power in the Gazette of India, extra-ordinary Part-II, Section 3(i) dated 18-04-2006 (vide GSR 217 (E) dated 18-04-2006).

Yours faithfully

  
(P. D. Siwal)  
Secretary, CEA

Copy (for information):

Joint Secretary (Trans), Ministry of Power, Shram Shakti Bhawan, New Delhi- 110001.

ED (CT)

Sh. JSK, DGM

Sh. Babu

29/2

भारत सरकार  
Government of India

विद्युत मंत्रालय

Ministry of Power

केंद्रीय विद्युत प्राधिकरण

Central Electricity Authority

विद्युत प्रणाली योजना एवं परियोजना मूल्यांकन प्रभाग-II [ISO: 9001:2008]

Power System Planning &amp; Appraisal -II Division

सेवा भवन, रा. कृ. पुरम, नयी दिल्ली - 110066

Sewa Bhawan, R. K. Puram, New Delhi-110066



No. 52/11(PGCIL)/2015-PSPA-II/134

Dated: 18.02.2016

To

Chairman & Managing Director,  
Powergrid Corporation of India Ltd.,  
Plot No.2, Sector-29, Near IFCO Chowk,  
Gurgaon-122001

**Subject:** Prior approval of the Government under Section 68(1) of Electricity Act, 2003 for (i) Raigarh - Pugalur 600 MW HVDC system, (ii) AC system strengthening at Pugalur end, and (iii) Pugalur - Trichar 2000 MW VSC Based HVDC System - modification regarding.

Reference: i) PGCIL letters no C/CP/section-68 dated 16.02.2016.

Sir,

CEA vide letter no. 52/11(PGCIL)/2015-PSP&PA-II/251-52 dated 29.09.2015 has granted Prior approval of the Government under Section 68(1) of Electricity Act, 2003 for "(i) Raigarh - Pugalur 600 MW HVDC system, (ii) AC system strengthening at Pugalur end, and (iii) Pugalur - Trichar 2000 MW VSC Based HVDC System" scheme by Powergrid Corporation of India Ltd. (PGCIL) (copy enclosed at Annexure-I). PGCIL vide letter under reference has requested that clause 6 (iii) of the letter conveying prior approval of the Government may be deleted.

In partial modification of the prior approval of the Government already granted for the scheme, the clause 6 (iii) may be read as given below:

*"The implementing agencies shall abide by the provisions of Works of Licensee Rules, 2006 notified by the Government of India, Ministry of Power in the Gazette of India, extra-ordinary Part-II, Section 3(i) dated 18-04-2006 (vide GSR 217 (E) dated 18-04-2006)". Provided that "nothing contained in this rule shall effect the powers conferred upon the licensee under section 164 of the Electricity Act 2003"*

Yours faithfully,

18/2/16  
(P. D. Siwal)  
Secretary (CEA)

Copy to: Joint Secretary (Trans), MOP, Shram Shakti Bhawan, New Delhi.

Copy to: Coo (CTU)

ED (SRTS-I) / SRTS-II / WRTS-I

ED (SRTS-II) / WRTS-II