



भारत सरकार

Government of India

विद्युत मंत्रालय

Ministry of Power

केंद्रीय विद्युत प्राधिकरण

Central Electricity Authority

जल विद्युत परियोजना प्रबोधन प्रभाग

Hydro Project Monitoring Division

Date: 20.09.2023

**OFFICE MEMORANDUM**

**Subject: Constitution of Standing Technical Committee to study the issues in the event of any geological surprise faced in the Hydroelectric Projects and to vet/ examine and recommend the additional time/ cost involved – reg.**

It has been observed that development of hydroelectric projects had been marred due to various issues/ constraints including geological uncertainties/ constraints, resulting in significant time and cost overruns. In this regard, the Techno Economic Concurrence issued by the CEA, in general, provides that *the Project Developer shall systematically maintain a record of the geological surprises, which are encountered and treatment provided. At the same time, the Project Developer shall request Ministry of Power to constitute an Expert Committee consisting of representatives from State Govt., GSI, CWC and CEA. Once this Committee is constituted, the Project Developer shall submit the proposal for enhanced cost to the Expert Committee, which in turn shall examine and recommend the cost thereof.*

2. In order to obviate the need for creation of separate Expert Committees for each such case, it is decided to constitute a ***Standing Technical Committee to study the issues in the event of any geological surprise faced in the Hydroelectric Projects and to vet/ examine and recommend the additional time/ cost involved.*** The Committee shall consist of the following members:

- |  |                    |
|--|--------------------|
| i. Member (Hydro), CEA   | - Chairman         |
| ii. Chief Engineer (HPM), CEA  | - Member           |
| iii. Chief Engineer (HPA), CEA   | - Member           |
| iv. A representative of Geological Survey of India                               | - Member           |
| v. A representative of Central Water Commission                                  | - Member           |
| vi. One representative each of concerned State Governments                       | - Member(s)        |
| (To be requested from the concerned State Governments after receipt of proposal) |                    |
| vii. Director (HPM), CEA   | - Member Secretary |

3. The **Terms of Reference** of the Committee shall be as follows:

I/30462/2023

- i. To study/ analyze the events of geological surprise(s), if any, faced in the Hydroelectric Projects and give its recommendations;
- ii. To vet the additional time which may occur due to the geological surprise faced;
- iii. To vet/ examine the proposal for enhanced cost owing to geological surprise to the Expert Committee, to be submitted by the Hydro Developer to the Committee.

4. The Hydro Developer submitting the proposal shall provide all assistance to the Committee in carrying out the studies/ vetting. The Committee will prepare a bi-annual report for appraisal to the MoP. Further, it may co-opt any other Member(s), as deemed necessary, on a case-to-case basis. The modalities to be followed after receipt of proposal shall be finalized by the Committee in its first meeting.

5. This issues with the approval of Chairperson, CEA

(Faraz)  
Deputy Director  
Email: [faraz@nic.in](mailto:faraz@nic.in)

To (Via email) -

1. Member (Hydro), CEA
  2. Chief Engineer (HPA), CEA
  3. Chief Engineer (HPM), CEA
  4. Chairman, CWC
  5. Director General, GSI
- } With a kind request to nominate a representative not below the level of Chief Engineer to the subject Committee

Copy for information to (Via email):

1. JS (H), MoP
2. Principal Secretary (Energy) of all States/ UTs – With regard to State Sector Hydro Developers.
3. Chairman (BBMB/ DVC)
4. CMD (NHPC/ NTPC/ THDC/ SJVN/ CVPPL/ NEEPCO/ NHDC)
5. All Private Sector Hydro Developers
6. IT Division, CEA – With a kind request to upload the Guidelines on CEA website under **Live Streaming** and **What's New** for giving wide publicity to the same.