



भारत सरकार  
Government of India  
विद्युत मंत्रालय  
Ministry of Power  
केन्द्रीय विद्युत प्राधिकरण  
Central Electricity Authority  
नवीकरणीय ऊर्जा उद्भव विकास प्रभाग  
Renewable Energy Source Development Division  
\*\*\*\*\*

No. CEA/PLG/RES -30/2017/ 1418-1452

दिनांक: 03.11.2017

**ORDER**

To  
As per the list attached.

**Sub : Constitution of a Committee for proposing methods for integrated operation of reservoirs in a river in the Country - reg**

Sir,

In the meeting of the Technical Committee Chaired by Member (Planning), CEA, held in New Delhi on 13<sup>th</sup> June, 2017 (4<sup>th</sup> Meeting of the Technical Committee), it was decided that in order to tackle the intermittency/variability of renewable energy generation, support of hydropower generation resources would be required for optimum utilization of these resources. Accordingly, it was decided that a Committee would be constituted for proposing methods for integrated operation of reservoirs in a river in the country.

2. A standing committee is therefore constituted under the Chairmanship of Member-Secretary, NRPC,CEA with the following composition :-

Sl.No.	Name & Designation	
01.	Shri M.A.K.P. Singh, Member Secretary, NRPC,CEA.	Chairman of the Committee.
02.	Representative of NHPC	CMDs are requested to nominate a Member to the Committee at Chief Engineer and above level officer dealing with the subject immediately.
03.	Representative of THDC	
04.	Representative of SJVNL	
05.	Representative of NEEPCO	
06.	Representative of BBMB	
07.	Representative of Sardar Sarovar Nigam Ltd.(SSNL)	
08.	Representative of NTPC Ltd.	
09.	Representative of DVC	
10.	Chief Engineer (RES),CEA	



11.	Chief Engineer (HP&I),CEA	
12.	Representatives of Karnataka State	Secretaries of respective State Govt. are requested to nominate a Member each from GENCO&SLDC to the Committee at Chief Engineer and above level officers dealing with the subject immediately.
13.	Representatives of Madhya Pradesh State	
14.	Representatives of Telangana State	
15.	Representatives of Andhra Pradesh State	
16.	Representatives of Maharashtra State	
17.	Representatives of Kerala State	
18.	Representatives of Gujarat State	
19.	Representatives of Punjab State	
20.	Representatives of Assam State	
21.	Representatives of Arunachal Pradesh State	
22.	Representatives of Meghalaya State	
23.	Representatives of West Bengal State	
24.	Representatives of Uttarakhand State	
25.	Representatives of Himachal Pradesh State	
26.	SE Operation, NRPC,CEA.	Member-Secretary of the Committee.
27.	Representative from WRPC	Member Secretaries are requested to nominate Member to the Committee at Chief Engineer and above level officer dealing with the subject immediately.
28.	Representative from SRPC	
29.	Representative from ERPC	
30.	Representative from NERPC	
31.	Representative of RLDCs	General Managers of RLDCs are requested to nominate a Member to the committee at Chief Engineer and level officer dealing with subject immediately.
32.	Representative of CWC	Chairman, CWC is requested to nominate a Member to the Committee at Chief Engineer and above level officer dealing with the subject immediately.

Members of the Committee will be of the rank of Chief Engineer and above. Representatives of States would be from the Generating Company and the SLDCs.



**Terms of Reference :**

1. Calculate hydro power potential of each individual hydro station and its month-wise distribution over the year.
2. "Integrated Reservoir Operation of hydro power plants reservoirs in a river for the country".
3. Guidelines for fixing reservoir levels for valley projects with a view to optimum utilization for peaking and balancing.
4. Calculate peak power availability considering irrigation needs and whether the two can be matched.
5. Guidelines for operation and utilization of pumped storage scheme for integration of RE generation, specially in view of shared projects.
6. Guidelines for reduction in APC of hydro station.
7. Silt forecasting for hydro power plants.
8. Guidelines for incentive to Pumped Storage Scheme.

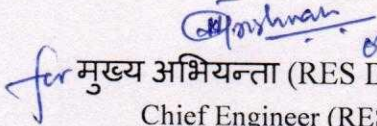
The Committee will meet at least once every month and should submit the report within 3 months from the date of issue of order.

This has been issued with the approval of Member(Planning),CEA.

Soft copy is being sent to all addresses.

Encl: As above

Yours faithfully

  
मुख्य अभियन्ता (RES Dev.Divn.)  
Chief Engineer (RES Dev.Div)



List of Addresses:

1. Shri M.A.K.P. Singh, Member Secretary, Northern Regional Power Committee (NRPC), 18-A, Qutab Institutional Area, Shaheed Jeet Marg, Katwaria Sarai, New Delhi-110016. (Email id: [msnrpc1@yahoo.com](mailto:msnrpc1@yahoo.com) and [ms-nrpc@nic.in](mailto:ms-nrpc@nic.in))
2. CMD, NHPC, NHPC Office Complex, Sector-33, Faridabad-121003. ([cmd-mis@nhpc.nic.in](mailto:cmd-mis@nhpc.nic.in)) (Fax: 01292250478).
3. CMD, THDC India Ltd., Pragatipuram, Bye Pass Road, Rishikesh-249201. ([cmd@thdc.gov.in](mailto:cmd@thdc.gov.in)) (Fax: 0135-2432685).
4. CMD, SJVNL, SJVN office Complex, Shakti Sadan, Shanan, P.O. Sanjauli, Dist-Shimla-171006 ([sect.cmd@sjvn.nic.in](mailto:sect.cmd@sjvn.nic.in)) (Fax: 0177-2660011).
5. CMD, NEEPCO, Brookland Compound, Lower New Colony, Shillong-793003 ([agwest@neepco.gov.in](mailto:agwest@neepco.gov.in) and [office.cmd@rediffmail.com](mailto:office.cmd@rediffmail.com)) (Fax: 0364-2226417).
6. Chairman, Bhakra Beas Management Board (BBMB), Madhya Marg, Sector 19-B, Chandigarh-160019 ([cman@bbmb.nic.in](mailto:cman@bbmb.nic.in)) (Fax: 0172-2549548).
7. CMD Sardar Sarovar Nigam Ltd. (SSNL), Block No.12, 1st Floor, New Sachivalaya Complex, Gandhinagar-382 010. (email: [cmd-ssnl@gujarat.gov.in](mailto:cmd-ssnl@gujarat.gov.in)) (Fax: - 079-23223056).
8. CMD NTPC Ltd. NTPC Bhawan, SCOPE Complex, Institutional area, Lodi Road, New Delhi-110003. ([cmd@ntpc.co.in](mailto:cmd@ntpc.co.in)) (Fax: 24361018).
9. CMD, DVC, DVC Head Quarters, DVC Towers, VIP road, Kolkata-700054. ([chairman@dvc.gov.in](mailto:chairman@dvc.gov.in)) (Fax: 033-23551252).
10. Chief Engineer (RES), Sewa Bhawan, R.K.Puram, CEA.
11. Chief Engineer (HP&I), Sewa Bhawan, R.K.Puram, CEA.
12. Addl. Chief Secretary (Energy), Department of Energy, Govt. of Karnataka, Room no. 236-237 2nd Floor Vikas Souda, Bengaluru- 560 001 (Fax - 080-22353952) ([prs-energy@karnataka.gov.in](mailto:prs-energy@karnataka.gov.in)).
13. Addl. Chief Secretary (Energy), Govt. of Madhya Pradesh, Room No. 312, 3<sup>rd</sup> Floor, Energy Department, Mantralaya, Bhopal- 462 004 ([acsenergyp@gmil.com](mailto:acsenergyp@gmil.com)) (Fax-0755-2441675).
14. Principal Secretary (Energy), Govt. of Telangana, Room No. 328A, D- Block, 2<sup>nd</sup> Floor, Telangana Secretariat, Hyderabad- 500 022. ([prisecy\\_energy@telangana.gov.in](mailto:prisecy_energy@telangana.gov.in)) (Fax: 040-23455452).
15. Principal Secretary, Energy, Infrastructure & Investment and CRDA, Room.No.147, Block-2, Secretariat buildings, VELAGAPUDI-522503. ([secyenergy@gmail.com](mailto:secyenergy@gmail.com)) (Fax: 0863-2442308).



16. Principal Secretary (Energy),Govt. of Maharashtra,4th Floor, Mantralaya,Mumbai-400 032([psec.energy@maharashtra.gov.in](mailto:psec.energy@maharashtra.gov.in))(Fax:022-22026767).
17. Addl Chief Secretary (Power),Govt.of Kerala, North Block, Ground Floor,Room No. 115,Secretariat, Thiruvananthapuram- 695 001([addlcskerala@gmail.com](mailto:addlcskerala@gmail.com))(Fax:0471-2327499/2518445).
18. Addl. Chief Secretary (Energy Deptt.),Govt. of Gujarat,Sachivalaya, Block No. 5, 5th Floor,Gandhi Nagar- 382010([secepd@gujarat.gov.in](mailto:secepd@gujarat.gov.in)),(Fax:079-23250772).
19. Principal Secretary (Energy),Govt. of Punjab &CMD, Punjab State Transmission Corporation Ltd.,The Mall,Patiala-147001 ([cmd@pstcl.org](mailto:cmd@pstcl.org)) (Fax:0175-2307779).
20. Secretary (Power),Assam Sectt (Government of Assam),P.O. Assam Sachivalaya, Block A, 4<sup>th</sup> Floor,Dispur- 781006([zabin.ahmed18@gmail.com](mailto:zabin.ahmed18@gmail.com))(Fax:0361-2237329).
21. Commissioner (Power),Government of Arunachal Pradesh,Unit 8, 3<sup>rd</sup> Floor, Block No.2 Civil Secretariat, Itanagar-791111([secypower.arn@gmail.com](mailto:secypower.arn@gmail.com))(fax:0360-2216485).
22. Principal Secretary (Power),Government of Meghalaya,Secretariat, Main Building, Room No. 325,Shillong- 793 001([pkshivastava.muks@gmail.com](mailto:pkshivastava.muks@gmail.com))(Fax:0364-2223045).
23. Principal Secretary (Power&NES),Deptt. Of Power & NES,Govt. of West Bengal, Vidyut Unnayan Bhawan,5<sup>th</sup> Floor, 3/C, IA Block. Sector 3,Salt Lake City,Kolkata- 700 098. ([powersecy@wb.gov.in](mailto:powersecy@wb.gov.in))(Fax: 03323351269).
24. Principal Secretary (Energy),Govt. of Uttarakhand Sectt,Vishwakarma Bhawan, Room No. 301,3<sup>rd</sup> Floor, 4<sup>th</sup> Subhash Road,Deharadun- 248 001. ([energy.secyr.uk@gmail.com](mailto:energy.secyr.uk@gmail.com)) (Fax:0135-2711227).
25. Addl. Chief Secretary (Energy),Department of Power,Govt. of Himachal Pradesh, Himachal Pradesh Secretariat,Shimla- 171002.([tshridhar@gmail.com](mailto:tshridhar@gmail.com))(Fax:0177-2622382).
- 26.Sh Upendra Kumar, SE Operation, Northern Regional Power Committee (NRPC),18-A, Qutab Institutional Area, Shaheed Jeet Marg, Katwaria Sarai, New Delhi-110016.
- 27.Member Secretary, Western Regional power Committee ( WRPC),F-3,MIDC area, Marol, Opp. SEEPZ, Central Road, Andheri(East),Mumbai-400093.([ms-wrpc@nic.in](mailto:ms-wrpc@nic.in) [ma\\_balan@hotmail.com](mailto:ma_balan@hotmail.com)) ( Fax: 022-28370193).
28. Member Secretary , Southern Regional power Committee (SRPC),No.29,Race Course Cross Road,Bengaluru-560009.([mssrpc@yahoo.com](mailto:mssrpc@yahoo.com)) (Fax:080-22259343)
29. Member Secretary , Eastern Regional power Committee (ERPC),14,Golf Club Road,Kolkata-700033.([mserpc-power@nic.in](mailto:mserpc-power@nic.in)) .
30. Member Secretary , North-Eastern Regional power Committee (NERPC),NERPC Complex, Dong Parmaw, Lapalang, Shillong-793006. ([nerpc@ymail.com](mailto:nerpc@ymail.com) and [b\\_lyngkhoi@yahoo.com](mailto:b_lyngkhoi@yahoo.com) )(Fax:0364-2534040).
- 31.General Manager, Northern Regional Load dispatch Centre, (NRLDC),18-A,Qutab Institutional Area, Shaheed Jeet Marg, Katwaria Sarai, New Delhi-110016.([pkaggarwal@gmail.com](mailto:pkaggarwal@gmail.com))



32. Asst.General Manager, Southern Regional Load Dispatch Centre(SRLDC), 29,Race Course Cross Road, Bengaluru-560009.([anbunesang@gmail.com](mailto:anbunesang@gmail.com)) ( Fax: 080-22268725).

33. General Manager, Western Regional Load Dispatch Centre(WRLDC), F-3,MIDC area, Marol, Opp. SEEPZ, Central Road, Andheri(East),Mumbai-400093.([wrldccr@posoco.in](mailto:wrldccr@posoco.in)) ( Fax: 022-28202690).

34.Chairman , CWC, Sewa Bhawan, R.K. Puram, New delhi-110066..