

Status of 50,000 MW Hydro Electric Initiative

- On 24th May, 2003, Hon'ble Prime Minister of India launched a scheme, formulated by Central Electricity Authority (CEA), for preparation of Preliminary Feasibility Report (PFRs) of 162 New Hydro Electric Schemes totaling to over 50,000 MW. All the PFRs were targeted to be completed by September, 2004.
- CEA was entrusted with the overall responsibility for the scheme.
- Preparation of PFRs involved conceptual planning, preparation of project and equipment layouts, infrastructure requirement, preliminary environmental and geological studies, power evacuation arrangement, cost estimates and economic evaluation.
- PFRs of all the 162 schemes have been prepared ahead of schedule. The schemes are located in 16 states as under:

| Sl. No. | State | Number of Schemes | Installed Capacity (MW) |
|--------------|-------------------|-------------------|-------------------------|
| 1 | Andhra Pradesh | 1 | 81 |
| 2 | Arunachal Pradesh | 42 | 27293 |
| 3 | Chhattisgarh | 5 | 848 |
| 4 | Himachal Pradesh | 15 | 3328 |
| 5 | Jammu & Kashmir | 13 | 2675 |
| 6 | Karnataka | 5 | 1900 |
| 7 | Kerala | 2 | 126 |
| 8 | Madhya Pradesh | 3 | 205 |
| 9 | Maharashtra | 9 | 411 |
| 10 | Manipur | 3 | 362 |
| 11 | Meghalaya | 11 | 931 |
| 12 | Mizoram | 3 | 1500 |
| 13 | Nagaland | 3 | 330 |
| 14 | Orissa | 4 | 1189 |
| 15 | Sikkim | 10 | 1469 |
| 16 | Uttaranchal | 33 | 5282 |
| Total | | 162 | 47930 |

- Agency wise details of PFRs is as under

| Sl. No. | Consultant | Number of Schemes | Installed Capacity (MW) |
|--------------|--|-------------------|-------------------------|
| 1 | National Hydroelectric Power Corporation | 43 | 19287 |
| 2 | Himachal Pradesh State Electricity Board | 13 | 2692 |
| 3 | North Eastern Electric Power Corporation | 18 | 4620 |
| 4 | Water and Power Consultancy Services | 71 | 17368 |
| 5 | Uttaranchal Jal Vidyut Nigam Ltd. | 10 | 1427 |
| 6 | Satluj Jal Vidyut Nigam Ltd. | 2 | 636 |
| 7 | Karnataka Power Corporation Limited | 5 | 1900 |
| Total | | 162 | 47930 |

- Status of preparation of DPR of these 162 schemes is given at Annex-I

Status of 50000 MW H.E. Initiative Schemes

| Sl. No | Particulars | Nos. | Cap. (MW) As per PFR | Cap. (MW) As per DPR | Annex |
|--------|---|------------|-------------------------|-------------------------|-------|
| 1 | DPRs Prepared | 35 | 19360.00 | 17157.00 | A |
| (a) | In operation | 2 | 300.00 | 192.00 | |
| (b) | Under Construction | 8 | 2308.00 | 2491.00 | |
| (c) | Concurred | 14 | 6871.00 | 6535.00 | |
| (d) | Under Examination | 1 | 280.00 | 212.00 | |
| (e) | Others | 10 | 9601.00 | 7727.00 | |
| 2 | Schemes under S&I | 6 | 2414.00 | | B |
| 3 | Schemes yet to be alloted | 73 | 11286.00 | | C |
| 4 | Work held up/dropped on account of | 48 | 14870.00 | | |
| (a) | Environmental Issues | 12 | 3557.00 | | D |
| (b) | Local Agitation / Other Issues | 36 | 11313.00 | | E |
| | Total | 162 | 47930.00 | | |

50 000 MW Hydroelectric Initiative (DPR Prepared)

| Sl. | Scheme | State | I. C. (MW) As per PFR | I. C. (MW) As per DPR | Agency | Remarks |
|---------------------------|-------------------------|------------------|-----------------------|-----------------------|------------------------------|--|
| In Operation | | | | | | |
| 1 | Dikchu | Sikkim | 105.00 | 96.00 | Sneha kinetic Projects. Ltd. | Project Commissioned on 12.04.2017 |
| 2 | Rongnichu * | Sikkim | 195.00 | 96.00 | Madhya Bharat Power Co. Ltd. | Project Commissioned in June, 2021. |
| Under Construction | | | | | | |
| 3 | Bajoli Holi | Himachal Pradesh | 180.00 | 180.00 | GMR Energy Ltd. | Under Construction |
| 4 | Tidong-I | Himachal Pradesh | 60.00 | 100.00 | Statkraft India Pvt. Ltd. | Under Construction |
| 5 | Ratle | J&K | 560.00 | 850.00 | JV of NHPC & JKSPDC | Under Construction. |
| 6 | Lata Tapovan | Uttarakhand | 310.00 | 171.00 | NTPC | Under Construction. Project is under sub-judice in Supreme Court. |
| 7 | Naitwar-Mori | Uttarakhand | 33.00 | 56.00 | SJVNL | Under Construction. |
| 8 | Panan | Sikkim | 200.00 | 300.00 | Himigiri Hydro Pvt. Ltd. | Under construction |
| 9 | Kiru | J&K | 430.00 | 624.00 | CVPPL | Under construction |
| 10 | Luhri-I # | Himachal Pradesh | 155.00 | 210.00 | SJVNL Ltd. | Under construction. PFR of Luhri HEP was prepared for 465 MW and Scheme splitted in three i.e. Luhri-I, Luhri-II & Luhri-III. Luhri Stage -III (renamed to Sunni Dam Project-382 MW (revised IC)) and Luhri Stage-II project (172 MW) have been allotted to SJVN. Sunni Dam HEP concurred by CEA on 22.12.2020 while Luhri St-II HEP is under S&I. |
| Concurred | | | | | | |
| 11 | Chhatru | Himachal Pradesh | 108.00 | 108.00 | DSCL Ltd. | DPR concurred by CEA on 15.01.15. DCM Shriram Infrastructure limited filed a Petition before the High Court of Himachal Pradesh in Shimla. Further, validity of Concurrence to project expired on 15.01.2020 |
| 12 | Kwar | J&K | 320.00 | 540.00 | CVPPL | DPR concurred by CEA on 23.02.17. PIB proposal is in process. Re-tendering of all the work packages through e-tender mode is in process. |
| 13 | Badrinath (Alaknanda) | Uttarakhand | 140.00 | 300.00 | GMR (Badrinath) HPG Ltd. | DPR concurred by CEA on 08.08.2008. Matter sub-judice in Supreme Court. |
| 14 | Jakhhol Sankri | Uttarakhand | 33.00 | 44.00 | SJVNL | DPR concurred by State government on 03.06.19. |
| 15 | Rupsiabagar Khasiyabara | Uttarakhand | 260.00 | 261.00 | NTPC | DPR concurred by CEA on 16.10.2008. MoEF&CC declined FC due to project location in highly sensitive wild life habitat. |
| 16 | Attunli | Ar.Pradesh | 500.00 | 680.00 | Jindal Power Ltd. | DPR concurred by CEA on 02.07.2018. Developer vide letter dated 13.05.2021 to CEA has requested to extend the validity of concurrence by a further period of 2 years. |
| 17 | Etalin | Ar.Pradesh | 4000.00 | 3097.00 | Jindal Steel & Power Ltd. | DPR concurred by CEA on 12.7.2013. Developer vide letter dated 21.06.2021 to CEA requested to extend the validity of concurrence for further period of 2 years. |
| 18 | Tato-II | Ar. Pradesh | 700.00 | 700.00 | Reliance Power Ltd. | DPR concurred by CEA on 22.05.2012. To be reviewed as per revised e-flow norms of MoEF. |

| Sl. | Scheme | State | I. C. (MW) As per PFR | I. C. (MW) As per DPR | Agency | Remarks |
|--------------------------|---------------------------|-------------|-----------------------|-----------------------|---|--|
| 19 | Dibbin | Ar.Pradesh | 100.00 | 120.00 | KSK Electricity Financing India Ltd. | DPR concurred by CEA for 120 MW on 04.12 2009. Project is being transferred to State Govt./ NEEPCO. To be reviewed as per revised e-flow norms of MoEF. |
| 20 | Phanchung | Ar.Pradesh | 60.00 | 56.00 | India bulls Real Estate Ltd. | DPR concurred by State Govt. |
| 21 | Simang | Ar.Pradesh | 90.00 | 133.00 | Adishankar Power Pvt. Ltd. | DPR concurred by State Govt. The project is being developed in two stages of Simang-I (67 MW) and Simang-II (66 MW) |
| 22 | Talong Londa | Ar.Pradesh | 300.00 | 225.00 | GMR Energy Ltd. | DPR concurred by CEA on 16.08.2013. Developer vide letter dated 27.04.2021 requested to consider for extension of TEC for further two years' period considering the existing NoC from GOAP. |
| 23 | Dikhu | Nagaland | 140.00 | 186.00 | Manu Energy Pvt. Ltd. | DPR concurred by CEA on 31.03.2014. Developer requested CEA for extension of validity of concurrence in Dec., 2020. CEA suggested developer to submit requisite documents to consider the proposal in Aug., 2021. |
| 24 | Mawphu | Meghalaya | 120.00 | 85.00 | NEEPCO | DPR concurred by CEA on 10.06.21. |
| Under Examination | | | | | | |
| 25 | Ujh | J&K | 280.00 | 212.00 | CWC | PPS cleared by CEA in Oct., 2018 and DPR under examination in CWC. CWC requested CEA to carry out revised PPS considering revised irrigation scenario, dam toe power house etc. in July 2021. |
| Others | | | | | | |
| 26 | Bhaironghati | Uttarakhand | 65.00 | 381.00 | UJVNL | DPR prepared for 381 MW in Jan'2008 & returned for resubmission.As per MoP letter dated 24.12.2010 in the meeting of NGBRA held on 01.11.10 under the chairmanship of Hon'ble Prime Minister,it was decided to discontinue Bhaironghati HE project. |
| 27 | Bogudiyar - Sirkari Bhyal | Uttarakhand | 170.00 | 146.00 | GVK-L&T (Goriganga Hydro Power Ltd.) | DPR submitted in Apr'2010 and returned for resubmission. |
| 28 | Gangotri | Uttarakhand | 55.00 | | UJVNL | DPR prepared. Included in Bhaironghati HEP. |
| 29 | Harsil | Uttarakhand | 210.00 | | UJVNL | DPR prepared. Included in Bhaironghati HEP. |
| 30 | Nand Prayag Langashu | Uttarakhand | 141.00 | 100.00 | UJVNL | DPR submitted in March, 2011 and returned for resubmission. |
| 31 | Jelam Tamak | Uttarakhand | 60.00 | 108.00 | THDC | DPR returned on 08.08.2019. |
| 32 | Demwe | Ar.Pradesh | 3000.00 | 2890.00 | Athena Demwe Projects Ltd. | DPR of Demwe lower (1750 MW) concurred on 20.11.09. DPR of Demwe upper (1080 MW) returned to project authorities. It is proposed to develop Demwe upper HEP into cascade of three projects namely Demwe Upper Stage-I (270 MW), Demwe Upper Stage-II (270 MW) & Demwe Upper Stage-III (202.5 MW). Demwe Upper Stage-I (270 MW) is presently under S&I. |
| 33 | Hutong | Ar. Pradesh | 3000.00 | 1200.00 | Mountain Falls Ltd. | DPR of Hutong-II (1200 MW) returned in May'12. Hutong-I (588 MW) abandoned. Issue of conversion to Storage in Hutong II. |
| 34 | Kalai | Ar. Pradesh | 2600.00 | 2650.00 | Mountain Falls Ltd. / Reliance Power Ltd. | DPR of Kalai-I (1450 MW) returned for resubmission and DPR Of Kalai-II concurred by CEA on 27.3.15. Issue of conversion to Storage. |

| Sl. | Scheme | State | I. C. (MW) As per PFR | I. C. (MW) As per DPR | Agency | Remarks |
|------------|---------------|--------------|--------------------------------------|--------------------------------------|---------------|---|
| 35 | Devsari | Uttarakhand | 300.00 | 252.00 | SJVNL | DPR was earlier concurred by CEA on 07.08.2012 which was later revalidated till 06.08.2018. However, the DPR for IC of 194 MW is now under revision considering e-flows as per MoWR notification. |
| | | Total | 18980.00 | 17157.00 | | |

Annex B

50 000 MW Hydroelectric Initiative (Schemes under S&I)

| Sl. | Scheme | State | Installed Capacity (MW) | Agency | Schedule for Preparation of DPR | Remarks |
|-----|---------------------------|------------------|-------------------------|-----------|---------------------------------|--|
| 1 | Sirkari Bhyol Rupsiabagar | Uttarakhand | 210.00 | UJVNL | 03/22 | Under S&I. IC revised to 120 MW. |
| 2 | Bokang Baling | Uttarakhand | 330.00 | THDC | 03/22 | Under S&I. IC revised to 200 MW. |
| 3 | Jangi Thopan | Himachal Pradesh | 480.00 | SJVN Ltd. | 06/23 | Under S&I. Jangi Thopan & Thopan Powari has been merged and renamed as Jangi Thopan Powari Project (804 MW). |
| 4 | Thopan Powari | Himachal Pradesh | 480.00 | SJVN Ltd. | 06/23 | |
| 5 | Bardang | Himachal Pradesh | 114.00 | SJVN Ltd. | 03/23 | Under S&I. PFR prepared by HPSEB. Bardang HEP (138 MW) allotted to SJVNL on 09.08.2019. Six Chapters of the project with IC of 138 MW submitted to concerned appraising agencies in Nov '20. |

Annex C

50000 MW Hydroelectric Initiative (Schemes yet to be allotted)

| Sl. | Scheme | State | Installed Capacity (MW) | First Year Tariff (Rs.) | Remarks |
|------------|---------------|------------------|--------------------------------|--------------------------------|--|
| 1 | Agoline | Ar. Pradesh | 375.00 | 3.51 | |
| 2 | Elango | Ar.Pradesh | 150.00 | 5.00 | |
| 3 | Etabue | Ar.Pradesh | 165.00 | 3.43 | |
| 4 | Mirak | Ar.Pradesh | 141.00 | 3.42 | |
| 5 | Ringong | Ar.Pradesh | 150.00 | 3.61 | |
| 6 | Chanda | Ar.Pradesh | 110.00 | 2.67 | |
| 7 | Sebu | Ar.Pradesh | 80.00 | 3.71 | |
| 8 | Tenga | Ar.Pradesh | 600.00 | 3.52 | |
| 9 | Doimukh | Ar.Pradesh | 150.00 | 8.50 | The project has been surrendered by SJVN to State Govt. due to unviability of the project. |
| 10 | Pondugala | Andhra Pradesh | 81.00 | 3.48 | |
| 11 | Kotri | Chhattisgarh | 150.00 | 5.48 | |
| 12 | Nugur-I | Chhattisgarh | 170.00 | 4.89 | |
| 13 | Nugur-II | Chhattisgarh | 210.00 | 4.16 | |
| 14 | Rehar-I | Chhattisgarh | 171.00 | 8.70 | |
| 15 | Rehar-II | Chattisgarh | 147.00 | 5.16 | |
| 16 | Gondhala | Himachal Pradesh | 144.00 | 1.92 | |
| 17 | Khoksar | Himachal Pradesh | 90.00 | 2.46 | |
| 18 | Khab-II | Himachal Pradesh | 186.00 | 3.04 | |
| 19 | Gharopa | Himachal Pradesh | 114.00 | 2.09 | |
| 20 | Chamba | Himachal Pradesh | 126.00 | 1.48 | |
| 21 | Dumkhar | J&K | 45.00 | 4.66 | |
| 22 | Kanyunche | J&K | 45.00 | 4.71 | |
| 23 | Karkit | J&K | 30.00 | 5.40 | |
| 24 | Khalsi | J&K | 60.00 | 4.10 | |
| 25 | Takmaching | J&K | 30.00 | 5.54 | |
| 26 | Barinium | J&K | 240.00 | 2.54 | DPR being prepared by CWC. |
| 27 | Bichlari | J&K | 35.00 | 1.11 | |
| 28 | Shuas | J&K | 230.00 | 2.94 | |

| Sl. | Scheme | State | Installed Capacity (MW) | First Year Tariff (Rs.) | Remarks |
|------------|-----------------------|----------------|--------------------------------|--------------------------------|----------------|
| 29 | Tamankal | Karnataka | 300.00 | 3.32 | |
| 30 | Karappara Kuriarkutty | Kerala | 66.00 | 7.88 | |
| 31 | Perianjakully | Kerala | 60.00 | 6.25 | |
| 32 | Basania | Madhya Pradesh | 90.00 | 17.23 | |
| 33 | Ghargaon | Maharashtra | 52.00 | 15.50 | |
| 34 | Hiranyakeshi | Maharashtra | 18.00 | 20.26 | |
| 35 | Kadvi | Maharashtra | 22.00 | 34.03 | |
| 36 | Kasari | Maharashtra | 25.00 | 18.16 | |
| 37 | Kumbhi | Maharashtra | 17.00 | 35.19 | |
| 38 | Kunghara | Maharashtra | 72.00 | 11.34 | |
| 39 | Pranhita | Maharashtra | 48.00 | 10.32 | |
| 40 | Samda | Maharashtra | 52.00 | 14.11 | |
| 41 | Wainganga | Maharashtra | 105.00 | 3.86 | |
| 42 | Khongnum Chakka st.-I | Manipur | 67.00 | 4.59 | |
| 43 | Nunglieban | Manipur | 105.00 | 5.16 | |
| 44 | Pabaram | Manipur | 190.00 | 4.33 | |
| 45 | Mawput | Meghalaya | 21.00 | 4.07 | |
| 46 | Nongnam | Meghalaya | 50.00 | 2.44 | |

| Sl. | Scheme | State | Installed Capacity (MW) | First Year Tariff (Rs.) | Remarks |
|-----|---------------|-------------|-------------------------|-------------------------|--|
| 47 | Rangmaw | Meghalaya | 65.00 | 2.32 | |
| 48 | Sushen | Meghalaya | 65.00 | 3.85 | |
| 49 | Umduna | Meghalaya | 57.00 | 1.68 | MoA has been cancelled by the State Govt. due to lack of progress. |
| 50 | Umjaut | Meghalaya | 69.00 | 1.51 | |
| 51 | Tizu | Nagaland | 150.00 | 2.56 | |
| 52 | Yangnyu | Nagaland | 40.00 | 4.48 | |
| 53 | Tlawng | Mizoram | 45.00 | 5.84 | DPR being prepared by CWC. |
| 54 | Baljori | Orissa | 178.00 | 5.90 | |
| 55 | Lower Kolab | Orissa | 465.00 | 7.10 | |
| 56 | Naraj | Orissa | 287.00 | 4.92 | |
| 57 | Tikarpara | Orissa | 259.00 | 3.69 | |
| 58 | Lingza | Sikkim | 120.00 | 2.85 | |
| 59 | Ringpi | Sikkim | 70.00 | 3.17 | |
| 60 | Rukel | Sikkim | 33.00 | 5.48 | |
| 61 | Deodi | Uttarakhand | 60.00 | 1.37 | |
| 62 | Kalika Dantu | Uttarakhand | 230.00 | 2.95 | |
| 63 | Bagoli Dam | Uttarakhand | 72.00 | 4.10 | |
| 64 | Ramganga | Uttarakhand | 66.00 | 3.25 | |
| 65 | Badao | Ar.Pradesh | 120 | 2.32 | GoAP has informed about termination of the project vide letter dated 07.11.2019. |
| 66 | Tarang warang | Ar.Pradesh | 30 | 2.88 | GoAP has informed about termination of the project vide letter dated 07.11.2019. |
| 67 | Amulin | Ar. Pradesh | 420 | | GoAP has informed about termination of the project vide letter dated 07.11.2019. |
| 68 | Emini | Ar. Pradesh | 500 | | GoAP has informed about termination of the project vide letter dated 07.11.2019. |
| 69 | Mihumdon | Ar.Pradesh | 400 | | GoAP has informed about termination of the project vide letter dated 07.11.2019. |
| 70 | Nalo | Ar.Pradesh | 360 | | Terminated by State Govt. in July., 2020. |
| 71 | Pakke Bung-I | Ar.Pradesh | 40.00 | | Terminated by State Govt. in Apr., 2021. |

| Sl. | Scheme | State | Installed Capacity (MW) | First Year Tariff (Rs.) | Remarks |
|-----|--------|--------------|-------------------------|-------------------------|---|
| 72 | Hirong | Ar. Pradesh | 500.00 | | Concurred by State Govt. on 10.04.2013. As per BSR, Diversion of Sittin river for using in Hirong HEP not recommended. Validity of Concurrence to project expired on 10.04.2016. Terminated by State Govt. in Apr., 2021. |
| 73 | Naying | Ar. Pradesh | 1000.00 | | Concurred by CEA on 11.09.2013. As per BSR, FRL of Naying, Tato-II and Siyom Middle should be lowered to have free flow stretch of about 1 km. Validity of Concurrence to project expired on 11.09.2019. Terminated by State Govt. in Apr., 2021. |
| | | Total | 11286.00 | | |

Annex D

50 000 MW Hydroelectric Initiative (Schemes held up due to Environmental Issues)

| Sl. | Scheme | State | Installed Capacity (MW) | Agency | Status |
|------------|------------------------|--------------|--------------------------------|--------------------------|---|
| 1 | Bhareli-I (Kameng -I) | Ar.Pradesh | 1120.00 | NEEPCO | Dropped as per Kameng Basin Study Report. The project had already been terminated by State Govt. on 03.01.2011. |
| 2 | Bhareli-II (Kameng-II) | Ar.Pradesh | 600.00 | Mountain Falls Ltd. | Dropped as per Kameng Basin study report. |
| 3 | Kameng Dam | Ar.Pradesh | 600.00 | KSK Energy Ventures Ltd. | MoEF did not issue ToR due to proximity to Pakke Tiger Reserve. All possible alternative site(s), the said proximity of tiger reserve persists due to which the project has been dropped. The Developer had already written for refund of upfront premium for surrendering the project. |
| 4 | Lachen | Sikkim | 210.00 | NHPC | MoEF had suggested in Oct., 2008 not to take up implementation of the project lying above Chungthang in view of ecological sensitivity. |
| 5 | Arakot Tiuni | Uttarakhand | 72.00 | UID | MoEF Clearance awaited. S&I yet to be taken up. |
| 6 | Chhunger - Chal | Uttarakhand | 240.00 | NHPC | S&I held up due to MoEF Clearance. Project in Askot wild life Sanctuary. NHPC has submitted proposal to combine ChhungerChal with Sela Urthing project to make them economically viable. |
| 7 | Jadh Ganga | Uttarakhand | 50.00 | THDC | Project in Gangotri National Park. MoEF clearance awaited. Dropped as per Draft Final Report of Expert Body-II. |
| 8 | Karmoli | Uttarakhand | 140.00 | THDC | Project in Gangotri National Park. MoEF clearance awaited. Dropped as per Draft Final Report of Expert Body-II. |
| 9 | Rishi Ganga - 1 | Uttarakhand | 70.00 | UJVNL | Dropped as per Draft Final Report of Expert Body-II. |
| 10 | Rishi Ganga - II | Uttarakhand | 35.00 | UJVNL | Dropped as per Draft Final Report of Expert Body-II. |
| 11 | Taluka Sankri | Uttarakhand | 140.00 | UJVNL | MoEF problem, located in Govind Pashu Vihar. |
| 12 | Urthing Sobla | Uttarakhand | 280.00 | Reliance Power Ltd. | S&I held up. Project area falls under Askot Musk Deer Sanctuary. |
| | | Total | 3557.00 | | |

Annex E

50 000 MW Hydroelectric Initiative (Schemes which are held up due to Local Agitation / Other Issues)

| Sl. | Scheme | State | Installed Capacity (MW) | Agency | Status |
|-----|--------------------|------------------|-------------------------|---------------------------------------|--|
| 1 | Khab-I | Himachal Pradesh | 450.00 | HPPCL | PFR prepared by SJVNL. S&I held up due to local agitation. |
| 2 | Tidong-II | Himachal Pradesh | 70.00 | Torrent Power AEC & Gammon India Ltd. | S&I is held up due to local public agitation & there is no progress in the S&I activities of the project for a long time. |
| 3 | Yangthang | Himachal Pradesh | 261.00 | Yangthang Power Ventures Ltd. | PFR prepared by HPSEB. S&I held up due to local agitation. |
| 4 | Shamnot | J&K | 370.00 | JKSPDCL | S&I not taken up as the project will submerge National Highway. |
| 5 | Gundia | Karnataka | 300.00 | KPCL | Due to implementation of Yethnable Drinking water scheme in same catchment area, the project is stalled. |
| 6 | Agnashini | Karnataka | 600.00 | KPCL | PFR prepared by KPCL. S&I held up due to local agitation. |
| 7 | Gangavali | Karnataka | 400.00 | KPCL | PFR prepared by KPCL. S&I held up due to local agitation. |
| 8 | Kalinadi Stage-III | Karnataka | 300.00 | KPCL | PFR prepared by KPCL. S&I held up due to local agitation. |
| 9 | Bauras | Madhya Pradesh | 55.00 | NHDC | Due to high cost of R&R, the viability of the project could not be established. NHDC |
| 10 | Hoshangabad | Madhya Pradesh | 60.00 | NHDC | showed inability to develop the project. |
| 11 | Talem | Sikkim | 75.00 | Shyam Energy Pvt. Ltd. | PFR prepared by NHPC. Work held up due to local agitation. |
| 12 | Rangyong | Sikkim | 141.00 | BSCPL-SCL JV | PFR prepared by NHPC. S&I held due to opposition of local people. |
| 13 | Teesta-I | Sikkim | 320.00 | Himalayan Greens Energy Pvt. Ltd. | The project had been cancelled by Govt. of Sikkim. The case of revival of project is in court. |
| 14 | Garba Tawaghat | Uttarakhand | 630.00 | NHPC | MoEF&CC has issued draft notification on 29.01.2019 regarding proposed ESZ of Askot Wildlife Sanctuary. Publication of final notification of boundaries is still awaited. Project shall be developed jointly with Nepal under the provision of Mahakali Treaty. Consent/discussion for implementation and execution of agreement between the parties on the principles established by the Treaty from Nepal Govt is pending. |
| 15 | Gohana Tal | Uttarakhand | 60.00 | THDC | Conflict of scheme with other 3 schemes namely Birahiganga, Birahiganga-I,II. State Govt. turned down THDC proposal. Dropped as per Draft Final Report of Expert Body-II. |
| 16 | Maleri Jelam | Uttarakhand | 55.00 | THDC | S&I could not taken be taken up because of local villagers problem. Dropped as per Draft Final Report of Expert Body-II. |

| Sl. | Scheme | State | Installed Capacity (MW) | Agency | Status |
|-----|---------------------|-------------|-------------------------|---------|---|
| 17 | Mapang - Bogidiyar | Uttarakhand | 200.00 | GVK-L&T | S&I held up due to Supreme Court order directing MoEF and State of Uttarakhand not to grant any Environmental Clearance or Forest Clearance for any hydro electric project in the State of Uttarakhand until further orders. State of Uttarakhand has scrapped the project and planning to re-tender for the same. |
| 18 | Tamak Lata | Uttarakhand | 280.00 | UJVNL | S&I held up. Project is under subjudice in Supreme Court. |
| 19 | Karmoli Lumti Tulli | Uttarakhand | 55.00 | NHPC | S&I was held up. PCCF (Wildlife) and Chief Warden Wildlife, Dehradun has since granted permission for S&I on 13.12.2016. Project falls within 10 km from boundary of Askot Wildlife sanctuary. NHPC vide letter dated 16.07.2019 intimated GoUK that project is commercially unviable. NHPC has submitted proposal to combine Kartoli Lumti Tulli with Goriganga-II HEP to make them economically viable. |
| 20 | Sela Urthing | Uttarakhand | 230.00 | UJVNL | S&I shall be taken up after carrying out detail survey at project site & confirmation of levels. Hydrology submitted by developer to CWC in Oct.'20. NHPC has submitted proposal to combine ChungerChal with Sela Urthing project to make them economically viable. Chapter on Hydrology, PPS, General Layout submitted by developer to CEA/CWC in Jan/Aug., 2021. |
| 21 | Lungleng | Mizoram | 815.00 | NEEPCO | Involves International aspect. |
| 22 | Boinu(chhingtupui) | Mizoram | 640.00 | NEEPCO | Involves International aspect. |
| 23 | Mawblei | Meghalaya | 140.00 | MeECL | DPR to be submitted to State Govt. for concurrence. However, Hydrology chapter to be vetted by CWC as requested by developer on 15.07.2019. Report on Site Specific Design Earthquake Parameters submitted to CWC on 30.11.21 by developer. |
| 24 | Nongkolait | Meghalaya | 120.00 | MeSEB | PFR prepared by WAPCOS. S&I held up due to fund constraints. |
| 25 | Selim | Meghalaya | 170.00 | MePGCL | S&I held up due to irregular allocation/release of funds, the hostile terrain, non and non-availability of geologists from GSI, India. MePGCL vide their letter dated 01.11.2019 informed that installed capacity is likely to be 60 MW. Report on Site Specific Design Earthquake Parameters submitted to CWC on 30.11.21 by developer. |
| 26 | Umngi | Meghalaya | 54.00 | MeECL | PFR prepared by WAPCOS. S&I held up due to fund constraints. |

| Sl. | Scheme | State | Installed Capacity (MW) | Agency | Status |
|-----|-------------|--------------|-------------------------|-----------------------------------|---|
| 27 | Papu | Ar.Pradesh | 200.00 | India bulls Real Estate Ltd. | Issue of interference of levels with the Upstream project of M/s Vensar Energy Ltd, i.e Papu Valley HEP (45MW) requires to be resolved. |
| 28 | Utung | Ar.Pradesh | 100.00 | KSK Energy Ventures Ltd.. | Project may be dropped as proposal of amalgamating of Utung not accepted by EAC. |
| 29 | Ashupani | Ar.Pradesh | 30.00 | Arti Power and Ventures Pvt. Ltd. | PFR prepared by NHPC. S&I held up. |
| 30 | Emra-II | Ar.Pradesh | 390.00 | Athena Energy Ventures Ltd. | S&I held up. No road connectivity to project site, Local issues, communication problems. Intent to Terminate under process since 25/07/2018. |
| 31 | Naba | Ar.Pradesh | 1000.00 | Abir Infra. Pvt. Ltd. | S&I held up due to unapproachable area/difficult & inhospitable terrain & local law & order problem. There is no activity in the project. 2nd show cause notice was issued by GoAP on 26/06/2015. Developer submitted water availability studies for Naba (1070 MW) to CWC on 13.10.2021. |
| 32 | Dengser | Ar.Pradesh | 552.00 | Coastal Infra. Pvt. Ltd. | S&I held up due to unapproachable area/difficult & inhospitable terrain & local law & order problem. No activity in the project. 1st show cause notice was issued on 12/05/2015. |
| 33 | Kurung I&II | Ar.Pradesh | 330.00 | NEEPCO | The project is proposed to be developed as Kurung HEP (330 MW). S&I held up as the proposal for sanction of Pre-Investment expenditure is on hold. |
| 34 | Kapakleyak | Ar.Pradesh | 160.00 | Energy Dev. Co. Ltd. | S&I held up. Scheme has been split in three stages as Pachuk-I, Pachuk-II (61MW), & Pachuk-II lower (51 MW). DPR of Pachuk-I (84 MW) submitted to State govt. in June, 2014. |
| 35 | Oju-I | Ar.Pradesh | 700.00 | Navayuga Engg. Co. Ltd. | S&I held up. Oju-I & Oju-II has been merged and renamed as Oju HEP (1878 MW) |
| 36 | Oju-II | Ar.Pradesh | 1000.00 | | |
| | | Total | 11313.00 | | |