# Annex-I

**As on 31.12.2022**

**Hydro Electric Schemes Concurred/ Appraised by Central Electricity Authority**

**since 2002-03**

| **S. No.** | **Name of Scheme** | **State/UT** | **Sector** | **Developer** | **Installed Capacity**  **(MW)** | | **Date of CEA concurrence/ appraisal** | |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | **2002-03** |  |  |  |  | |  |
|  | Kol Dam | Himachal Pradesh | Central | NTPC | 800 | | 30.06.2002 |
|  | Allain Duhangan | Himachal Pradesh | Private | RSWM | 192 | | 20.08.2002 |
|  | Uhl St-III | Himachal Pradesh | State | HPSEB | 100 | | 19.09.2002 |
|  | Sewa Stage II | J&K | Central | NHPC | 120 | | 18.10.2002 |
|  | Teesta Low Dam-III | West Bengal | Central | NHPC | 132 | | 28.11.2002 |
|  | Subansiri Lower | Arunachal Pradesh | Central | NHPC | 2000 | | 13.01.2003 |
|  | Jalaput Dam Toe | Orissa/ Andhra Pradesh | State | OPCL | 18 | | 31.01.2003 |
|  | Karcham Wangtoo | Himachal Pradesh | Private | JPHCL | 1000 | | 31.03.2003 |
|  | **Sub-Total** |  |  |  | **4362** | |  | |
|  | **2003-04** |  |  |  |  | |  |
|  | Tipaimukh | Manipur | Central | NEEPCO | 1500 | | 02.07.2003 |
|  | Chamera St-III | Himachal Pradesh | Central | NHPC | 231 | | 10.10.2003 |
|  | Parbati St-III | Himachal Pradesh | Central | NHPC | 520 | | 12.11.2003 |
|  | Teesta Low Dam-IV | West Bengal | Central | NHPC | 160 | | 23.12.2003 |
|  | Uri – II | J&K | Central | NHPC | 240 | | 11.02.2004 |
|  | Nimoo Bazgo | Ladakh | Central | NHPC | 45 | | 16.03.2004 |
|  | **Sub-Total** |  |  |  | **2696** | |  | |
|  | **2004-05** |  |  |  |  | |  |
|  | Chutak | Ladakh | Central | NHPC | 44 | | 23.04.2004 |
|  | Loharinag Pala | Uttarakhand | Central | NTPC | 600 | | 11.08.2004 |
|  | Tapovan Vishnugad | Uttarakhand | Central | NTPC | 520 | | 11.08.2004 |
|  | Matnar | Chhattisgarh | State | CSEB | 60 | | 19.08.2004 |
|  | Athirappilly | Kerala | State | KSEB | 163 | | 31.03.2005 |
|  | **Sub-Total** |  |  |  | **1387** | |  | |
|  | **2005-06** |  |  |  |  | |  |
|  | Kishanganga | J&K | Central | NHPC | 330 | | 31.08.2005 |
|  | Rampur | Himachal Pradesh | Central | SJVNL | 412 | | 16.12.2005 |
|  | Lata Tapovan | Uttarakhand | Central | NTPC | 171 | | 08.02.2006 |
|  | **Sub-Total** |  |  |  | **913** | |  | |
|  | **2006-07** |  |  |  |  | |  |
|  | Teesta –III | Sikkim | Private | TUL | 1200 | | 12.05.2006 |
|  | Pakal Dul | J&K | Central | NHPC | 1000 | | 03.10.2006 |
|  | Vishnugad Pipalkoti | Uttarakhand | Central | THDC | 444 | | 21.9.2006 |
|  | Rammam –III | West Bengal | Central | NTPC | 120 | | 12.09.2006 |
|  | Kotlibhel –IA (\*\*) | Uttarakhand | Central | NHPC | 195 | | 03.10.2006 |
|  | Kotlibhel –IB (\*\*) | Uttarakhand | Central | NHPC | 320 | | 31.10.2006 |
|  | Kotlibhel – II (\*\*) | Uttarakhand | Central | NHPC | 530 | | 30.11.2006 |
|  | Teesta –VI | Sikkim | Private | LEPL | 500 | | 27.12.2006 |
|  | Pala Maneri | Uttarakhand | State | UJVNL | 480 | | 23.02.2007 |
|  | **Sub-Total** |  |  |  | **4789** | |  |
|  | **2007-08** |  |  |  |  | |  |
|  | Lower Jurala | Telangana | State | APGENCO | 240 | | 24.07.2007 |
|  | Rangit –IV | Sikkim | Private | JPCL | 120 | | 06.07.2007 |
|  | Pare | Arunachal Pradesh | Central | NEEPCO | 110 | | 24.09.2007 |
|  | **Sub-Total** |  |  |  | **470** | |  |
|  | **2008-09** |  |  |  |  | |  |
|  | Gundia | Karnataka | State | KPCL | 200 | | 25.04.2008 |
|  | Singoli Bhatwari | Uttarakhand | Private | L&T | 99 | | 11.07.2008 |
|  | Alaknanda | Uttarakhand | Private | GMR | 300 | | 08.8.2008 |
|  | Rupsiyabagar Khasiyabara | Uttarakhand | Central | NTPC | 261 | | 16.10.2008 |
|  | **Sub-Total** |  |  |  | **860** | |  |
|  | **2009-10** |  |  |  |  | |  |
|  | Demwe Lower | Arunachal Pradesh | Private | ADPPL | 1750 | | 20.11.2009 |
|  | Dibbin | Arunachal Pradesh | Private | KSKDHPL | 120 | | 04.12.2009 |
|  | Lower Siang | Arunachal Pradesh | Private | JAPL | 2700 | | 16.02.2010 |
|  | **Sub-Total** |  |  |  | **4570** | |  |
|  | **2010-11** |  |  |  |  | |  |
|  | Teesta – IV | Sikkim | Central | NHPC | 520 | | 13.05.2010 |
|  | Kutehr | Himachal Pradesh | Private | JSWEL | 240 | | 31.08.2010 |
|  | Baglihar – II | J&K | State | JKSPDC | 450 | | 29.12.2010 |
|  | Sainj | Himachal Pradesh | State | HPPCL | 100 | | 29.12.2010 |
|  | Panan | Sikkim | Private | HHEPL | 300 | | 07.03.2011 |
|  | Nafra | Arunachal Pradesh | Private | SNPCPL | 120 | | 11.02.2011 |
|  | Nyamjang Chhu | Arunachal Pradesh | Private | NJCHPL | 780 | | 24.03.2011 |
|  | **Sub-Total** |  |  |  | **2510** | |  |
|  | **2011-12** |  |  |  |  | |  |
|  | Kolodyne St-II | Mizoram | Central | NTPC | 460 | | 14.09.2011 |
|  | Tawang St-I | Arunachal Pradesh | Central | NHPC | 600 | | 10.10.2011 |
|  | Tawang St-II | Arunachal Pradesh | Central | NHPC | 800 | | 22.09.2011 |
|  | Vyasi | Uttarakhand | State | UJVNL | 120 | | 25.10.2011 |
|  | Indirasagar (Polavaram) | Andhra Pradesh | State | APGENCO | 960 | | 21.02.2012 |
|  | Bajoli Holi | Himachal Pradesh | Private | GMR BHHPL | 180 | | 30.12.2011 |
|  | **Sub-Total** |  |  |  | **3120** | |  |
|  | **2012-13** |  |  |  |  | |  |
|  | Tato-II | Arunachal Pradesh | Private | THPPL | 700 | | 22.5.2012 |
|  | Devsari | Uttarakhand | Central | SJVNL | 252 | | 07.8.2012 |
|  | Shongtong Karcham | Himachal Pradesh | State | HPPCL | 450 | | 16.08.2012 |
|  | Ratle | J&K | Private | GRHEPPL | 850 | | 19.12.2012 |
|  | Gongri | Arunachal Pradesh | Private | DEPL | 144 | | 04.02.2013 |
|  | Miyar | Himachal Pradesh | Central | NTPC | 120 | | 07.02.2013 |
|  | **Sub-Total** |  |  |  | **2516** | |  |
|  | **2013-14** |  |  |  |  | |  |
|  | Hirong | Arunachal Pradesh | Private | JAPL | 500 | | 10.04.2013 |
|  | Etalin | Arunachal Pradesh | Private | EHEPCL | 3097 | | 12.07.2013 |
|  | Talong Londa | Arunachal Pradesh | Private | GLHPL | 225 | | 16.08.2013 |
|  | Naying | Arunachal Pradesh | Private | NDSCPL | 1000 | | 11.09.2013 |
|  | Siyom | Arunachal Pradesh | Private | SHPPL | 1000 | | 17.12.2013 |
|  | Chango Yangthang | Himachal Pradesh | Private | CYHPL | 180 | | 31.03.2014 |
|  | Dikhu | Nagaland | Private | NMPPL | 186 | | 31.03.2014 |
|  | **Sub-Total** |  |  |  | **6188** | |  |
|  | **2014-15** |  |  |  |  | |  |
|  | New Ganderwal | J&K | State | JKSPDC | 93 | | 10.06.2014 |
|  | Chhatru | Himachal Pradesh | Private | DSIL | 126 | | 15.01.2015 |
|  | Kalai-II | Arunachal Pradesh | Private | KPPL | 1200 | | 27.03.2015 |
|  | Kynshi – I | Meghalaya | Private | AKPPL | 270 | | 31.03.2015 |
|  | **Sub Total** |  |  |  | **1689** | |  |
|  | **2015-16** |  |  |  |  |  |  |
|  | Heo | Arunachal Pradesh | Private | HHPPL | 240 | | 28.07.2015 |
|  | Tato-I | Arunachal Pradesh | Private | SHPPL | 186 | | 28.10.2015 |
|  | **Sub-Total** |  |  |  | **426** | |  |
|  | **2016-17** |  |  |  |  |  |  |
|  | Lower Kopili | Assam | State | APGCL | 120 | | 24.05.2016 |
|  | Kiru | J&K | Joint Venture | CVPPL | 624 | | 13.06.2016 |
|  | Turga PSP | West Bengal | State | WBSEDCL | 1000 | | 05.10.2016 |
|  | Kwar | J&K | Joint Venture | CVPP | 540 | | 23.02.2017 |
|  | **Sub-Total** |  |  |  | **2284** | |  |
|  | **2017-18** |  |  |  |  | |  |
|  | Loktak Downstream | Manipur | Central | LDHCL | 66 | | 05.05.2017 |
|  | Dibang | Arunachal Pradesh | Central | NHPC | 2880 | | 18.09.2017 |
|  | **Sub-Total** |  |  |  | **2946** | |  |
|  | **2018-19** |  |  |  |  | |  |
|  | Sawalkot | J&K | Central | NHPC | 1856 | | 18.04.2018 |
|  | Luhri Stage-I | Himachal Pradesh | Central | SJVNL | 210 | | 01.05.2018 |
|  | Attunli | Arunachal Pradesh | Private | AHEPCL | 680 | | 02.07.2018 |
|  | **Sub-Total** |  |  |  | **2746** | |  |
|  | **2019-20** |  |  |  |  | |  |
|  | Kirthai-II | J&K | JV | CVPPL | 930 | | 14.06.2019 |
|  | **Sub-Total** |  |  |  | **930** | |  |
|  | **2020-21** |  |  |  |  | |  |
| 84. | **Sunni Dam** | Himachal Pradesh | Central | SJVNL | 382 | | 11.02.2021 |
|  | **Sub-Total** |  |  |  | **382** | |  |
|  | **2021-22** |  |  |  |  | |  |
| 85. | Wah-Umium Stage-III | Meghalaya | Central | NEEPCO | 85 | | 26.07.2021 |
| 86. | Thana plaun | H.P | State | HPPCL | 191 | | 07.09.2021 |
|  | **Sub-Total** |  |  |  | **276** | |  |
|  | **2022-23** |  |  |  |  | |  |
| 87. | Pinnapuram | A.P. | Private | GEPL | 1200 | | 20.04.2022 |
| 88. | Dugar | H.P | Central | NHPC | 500 | | 26.04.2022 |
|  | **Sub-Total** |  |  |  | **1700** | |  |
|  | **Grand-Total** | **88** |  |  | **47760** | |  |

**Note: Loktak Downstream HE Project** (66MW) in Manipur has been concurred twice due to revision in features. Earlier it was concurred on 15.11.2006.

**Dibang HE project** (2880MW) of NHPC in Arunachal Pradesh has also been concurred twice due to revision in features. Earlier it was concurred for 3000MW on 23.01.2008.

**Kishanganga HE project** (330MW) by NHPC in J&K scheme was revised from Storage to RoR type. As such concurrence was accorded two times, in 2003-04 as Storage scheme and in 2005-06 as RoR scheme. Scheme is under development by NHPC as RoR scheme.

**(\*\*)** CEA declined revalidation and asked the Project developers to submit the fresh DPR with updated features & revised cost estimates.