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Machana River
Betal (D),AP

BANGALORE HYDRO

ENGINEERS & CONSULTANTS PVT LTD.,

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IEDRA



इडरा

INDIAN ECONOMIC DEVELOPMENT & RESEARCH ASSOCIATION

Business Leadership Award for Industrial Development

presented to

S. N. Subramaniam
Managing Director
BANGALORE HYDRO ENGINEERING & CONSULTANTS PVT. LTD.
BENGALURU

On the Occasion of National Seminar on
"Individual Achievements & Economic Globalization"
Saturday, 25th July, 2015 New Delhi



Secretary General



Narayanpur Right Bank Canal



Hosmatha MHS -Power House
under construction



Panan HEP Dam site



Upper Bhadra-Forebay under
Excavation



Gonal SHP



Poringalkuthu RMU



Basaveshwara SHP



Bhavani Barrage-Power House
under construction



Bangalore Hydro Engineers and Consultants Private Limited (BHEC), as the name suggests, is a venture involved in design of hydro power projects. It also provides consultancy at various stages of the project. An organization, carries with it the legacy of enormous technological capability and experience gained by its Senior Engineers

BHEC, backed by a strong team of experienced technocrats and an echelon of talented engineers is fully equipped to face the challenging design requirements of the present world in the field of hydro power development.

The engineering group at BHEC is equipped with CAD, STAAD & FEM softwares and numerical tools for quick and effective designs. Several softwares have been developed "in-house" to facilitate the design process.

Our areas of technical expertise comprises

- + Identification of new hydel projects
- + Preparation of Feasibility Reports (FR)
- + Preparation of Detailed Project Reports (DPR)
- + Vetting, Due-diligence of FR and DPRs
- + Technical assistance for survey and
- + Geotechnical investigations
- + Stream gauging.
- + Tendering for works, assistance in award-of-works for Civil, H&M and E&M packages including Power Evacuation.
- + Detailed engineering for dams, tunnels, canals, power Houses and other civil engineering structures
- + Vetting and approval of design & drawings of Electro-Mechanical (E&M) and Hydro-Mechanical (H&M)



- + Periodical site inspections and quality check
- + Project management including periodical progress review
- + Inspection-at-works of EM and HM equipments and Components
- + Technical assistance in financial closure and other clearances
- + Lift irrigation schemes, Project planning / project management
- + Design of balance of plant (EM)
- + Safety Evaluation of projects

Package Softwares Used:

- + AUTOCad: Computer aided drafting tool for engineering drawings
- + STAAD Pro: Finite element method based software for design and Analysis of structures
- + MS Project: A GUI-based tool for project planning and monitoring
- + Tally : An accounting software.
- + Nisa : 3D FEM Analysis

In-House Softwares Used

- + Stability analysis for embankment dams
- + Seepage analysis for embankment dams and foundation
- + Stability analysis of gravity dams / retaining walls
- + Design of spillways, weirs, barrages and energy dissipators
- + Design of trench weirs
- + Design of intakes
- + Design of spillway/weir piers
- + Design of Fore bays
- + Design of Desander & Desilting basins
- + Design of tunnels and shafts
- + Surge analysis Design of penstocks / conduits, penstock supports & anchor blocks
- + Design of powerhouse - surface & underground
- + Dynamic Analysis of Machine Foundations
- + Design of Canals and aqueducts
- + Back water profile computations
- + Hydrology and power studies River Rating Irrigation schemes
- + Water supply schemes
- + Lift Irrigation Schemes
- + Financial Analysis
- + River Rating
- + Back water profile computations



Completed Projects

Link Canal Mini Hydrel Scheme* (1x1.5 MW)

A link canal was designed by the Karnataka Irrigation Department, as a part of modernization of KR Sagar Irrigation Project canal system, originating from Visveswaraiah canal before Hulikere tunnel and joining Cauvery branch canal near Peehalli at 17th mile in Mandya district. A head of 8.3m was available at the interface of the two canals and this was used to generate power. The Power House with an initial capacity of 1.5 MW was Engineered by us

Varahi Tailrace Mini Hydrel Scheme* (5x7.50 MW)

Varahi river is an important west flowing river of Karnataka with large hydel power potential. Power development in the Varahi valley with an installed capacity of 469MW comprising 2x4.5 = 9.0 MW at Mani dam powerhouse and 4x115MW =460 MW at Varahi underground powerhouse has been completed by KPCL. The Varahi Tailrace mini hydrel scheme with 5 units of 7.5 MW each of vertical full Kaplan Turbines, have been planned and engineered by us for Sandur Power Corporation Ltd., at the tail end of KPCL project. The units have been already commissioned. The main components are Diversion Weir, HRT, Penstock Tunnel, Surge Shaft, Surface Power House and Tail channel.

Kadamane MHS-1 (2 x 4.50 MW)

Kadamane stream is a tributary to Kemphole, a west flowing river which in turn a tributary to the river Kumardhara. It has two units of 4.50MW each with Pelton wheel turbines. The units are commissioned in 2007. The main project components are weir, HRT, surge shaft, Burried Penstock and a surface Power House.

Gugal SHS* (4 x 2.50 MW)

The Gugal SHP utilizes surplus water from Gugal barrage constructed across Krishna river. Turbines are installed in the Power House on the left bank of the river. The units are commissioned in 2008. The main components are Approach channel, Intake, Power House and Tail channel.



Somanamaradi SHS* (2x6 MW)

The MHS is on the Narayanapur right bank canal at 54th km. It has two Vertical Kaplan units of 6MW each. One unit under stage - I was commissioned in 2006 and the 2nd unit was commissioned in 2008. Provision has been made for installing two more units later. The main components are Weir, Approach channel, Intake, Surface Penstocks, Power House and Tail channel.

Remodeling of Shiva Power Canal*

The old Power Canal between Shiva Head Works and the Shiva Balancing Reservoir has been remodeled by VVNL for which detailed engineering has been provided by us. This work has been done without stopping the canal flow, which is the life line of Bangalore water supply.

Kadamane MHS-2 (2 x 7.5 MW)

Kadamane MHS-2 is a run of the river project with 15 MW capacity. The project was commissioned in August 2010. The main components are Diversion Weir, Intake, Head Race Tunnel, Surge Shaft, Penstock Tunnel, Burried Steel Penstock, Power House, Tail Channel.

Sonna MHS (3 x 3.5 MW)

Sonna MHS is a run of the river type project across the river Bhima, in Gulbarga district. The three units are commissioned in August 2010 with major components being Intake, Power House, Tail pool & Tail Channel

Neogal HEP (2 x 7.5 MW)

Neogal HEP is a run of the river scheme near Palampur of Kangra district in Himachal Pradesh. the project was commissioned in March 2013. The major components of the projects are Weir, Head race tunnel, De-silting basin, Adits, Surge Shaft, Penstock, Power House & Tail Race Channel

Barvi HEP (2 x 2.25 MW)

Barvi HEP is a dam based project located in Thane District of Maharashtra. The project was commissioned in 2013. The main components of the project are Penstock, Power house & Tail channel



Basavanna SHPP (3 x 8.75 MW)

The Basavanna Small Hydro Power Project is built across the River Krishna near Benchagaddi Village of Gulbarga District in Karnataka. The main components of the project are weir, Water Conductor System, Forebay, RCC Conduit, Penstock, Power House, Tail Race Channel and ODY. The project with vertical Kaplan Turbines was commissioned in 2013.

Mouneswara SHPP (3 x 8.75 MW)

The project is a run of the river scheme built across the river Krishna near Benchagaddi Village of Gulbarga District in Karnataka. The project with Vertical Kaplan Turbine was completed in 2014. Some of the components such as weir, Intake, Water Conductor System, Forebay, Forebay Intake, RCC conduit built for Basavanna SHPP are utilised for this project. However the Power House, Tail Race Pool & ODY are built separately for this project.

Bhavani Barrage-2 (2 x 5 MW)

The project is a dam based project across River Bhavani in Tamilnadu. The consultancy services were limited to Electro-Mechanical works. The project was commissioned in 2013.

Poringalkuthu (4 x 8 MW)

Detailed Engineering for Renovation, Modernisation & uprating (RMU) of Poringalkuthu HEP is completed for 4 units each with a capacity of 8 MW and uprated to 9 MW. Unit 1 & 2 are already in commercial operation. Work on Unit 3 has commenced. Important feature of this RMU is that the existing spiral casing was also removed and replaced with new one (which is seldom done) to get an additional output of 1 MW apart from the main generating equipment and its associated aux. Equipment, Main Inlet Valve, SCADA Controls etc. This has proven our capability even in the field of RMU.

Bhavani Barrage-1 (2 x 5 MW)

The project is a dam based project across River Bhavani in Tamilnadu. The consultancy services were limited to Electro-Mechanical works. The project was commissioned in 2015.

(*) Assignments completed by the present team during its incumbency with previous company



BHEC has been undertaking appraisals of power project proposals with review studies of technical, financial parameters for the support of investment and loan drawal propositions.

BHEC has completed the assignments of the study and formulation of PFR of a number of Mini, Small, Medium & Major sized hydel projects located mainly in the western ghat areas of the Karnataka state and also in other states in India for private developers, Karnataka Renewable Energy Development Ltd., (KREDL) and for NTPC Hydro LTd., New Delhi, (including the work done by the present BHEC team during the incumbency with previous company). Notably, BHEC has prepared feasibility reports (FR) for a number of hydel schemes in Arunachal Pradesh of capacity varying from 50 to 100 MW.

The details of works carried out on preparation of FRs, DPRs, Detailed Engineering Services are indicated in Annexure-I

The details of detailed Design Engineering Services on hand are as below:

Sl No	Name of the Project	Clients
1	Upper Bhadra Irrigation Project Package III Shimoga/Chitradurga	SNC Power Corporation Pvt Ltd., Bengaluru
2	Upper Bhadra - Irrigation Project -Package II	RNS Infrastructure Ltd., Bengaluru
3	Panan HEP 4 x75 = 300 MW	Himagiri Hyro Energy Pvt. Ltd., Hyderabad
4	Munirabad Power House (Expansion) 1 x 10 = 10 MW	Allonward-SSIPL-KR&Co, Consortium
5	Poringalkuthu HEP 1x24=24 MW	Sri Saravana Industries Pvt Ltd., Chennai
6	Yettinahole Diversion Scheme-Package -1	Amrutha constructions Pvt Ltd., Bengaluru

Projects in hand



Sl No	Name of the Project	Clients
7	Shiggaon Lift Irrigation Scheme	Amrutha Constructions Pvt Ltd., Bangalore.
8	Bhoothathankettu HEP 3 x 8 = 24 MW	Sri Saravana Engg. Bhavani Pvt Ltd., Bhavani - Tamilnadu
9	Bhadhbhada SHP 1x4.5=4.5 MW	Sunma Power Pvt., Ltd., Chennai
10	Shimsha LIS	Pohampad Construction Co. Pvt. Ltd., Hyderabad
11	Somanamaradi SHS	Narayanpur Power Co. Pvt., Ltd., Bangalore
12	Hongadahalla MHS	Maruthi Power Gen(India) Pvt. Ltd., Bangalore
13	Design of Tunnel of Yethinahole-Package 4	GVPR Engineers Ltd. Bangalore



**K.L. Krishnamurthy. M.E.(Structural Engg).
Chairman**

Worked as lecturer in Palghat Engg College between 1967 and 1972. Later worked in KPCL. from 1972 till his retirement as Executive Director in 2002. He was involved in construction of Hydro and Thermal Power Projects and also in designing the dams & power houses of Kalinadi and Gerusoppa

Hydel projects. Specialised in the preparation of bids, bid evaluation etc.



**S.N. Subramaniam, A.M.I.E.
Managing Director**

Started his career by working in Maharashtra Irrigation Department and later in Hydro Electric projects of Himachal Pradesh mainly Baira-Sul and Salal Projects (NHPC) upto 1977. Joined Karnataka Power Corporation Limited in 1977 and worked till his retirement in 2001. He was mainly involved in

planning and design of dams, power houses and water conductor systems of Chakra, Sharavathy, Dams of Gerusoppa & Varahi Hydel Projects. Specialised in Hydrology & Power potential studies, surge analysis, project planning & designs of Dams, Tunnels, Penstocks & other underground structures, safety evaluation etc.



**C.R. Ramesh, B.E., M.Tech. MIE.
Director (Projects)**

Joined KPCL in 1972. He was involved in project management, planning & design works of dams, water conductor systems, power houses of Kalinadi stage I & II, Gerusoppa, & Sharavathy hydro Projects. Specialised in the design of dams, spillways and outlets, Rehabilitation of dams etc., He retired from KPCL service in 2007 as Executive Director.



V. Narayana, A.M.I.E.

Director (Civil)

Joined KPCL in 1973. Worked in Maharashtra Irrigation Dept., before joining KPCL. He was involved in designing, planning quality control & construction works of hydel projects till his retirement in 2002. He is well versed with the designs of various components, estimation and drawings of hydel schemes including periodical, quality-checks of construction works.



H.V. Shivarudrappa B.E.(Civil), PGDOM.

Director (Civil)

After Graduating from Mysore University in 1983 Worked as Engineer (Civil) in Private sector and State Govt. for 6 years before Joining NHPC Limited. He Worked at different levels with different Responsibilities for 21 years. During his entire tenure in NHPC he was involved in carrying out various activities like Design, preparation of PFR's, FR's and DPRs, Safety Inspection of Dams and other associated Structures of many Hydro Electric Projects in Uttarakhand, Manipur, Himachal Pradesh, Sikkim, J&K, Arunachal Pradesh, Karnataka and Goa. Proficient in working with Computer Aided Drawing & Design packages like STAAD and similar software. He was a nominated member to National Committee on Dam Safety (NCDS) headed by Chairman of CWC.



K.K. Hawargi B.E. (Civil)

Director (Civil)

Has worked in KPCL for 29 years. Worked for 9 years in hydel projects involving construction of intake structure, chute-spillway. Also Involved in technical audits and vigilance. Specialisation in STAAD and FEM analysis and civil designs of hydel projects.



S. Harekal Rao B.E. (Elec).

General Manager (Electrical)

He has worked in KPCL for 27 years. The work mainly involved operation and maintenance of switchyards, thermal power stations, installation, testing & commissioning of transformers. His main projects include Raichur Thermal Power Station & Bidadi Power Project. Well experienced in ODY and Transmission line, inspection at works etc.



S. Chandra Gupta B.E. (Civil)

GM (Civil)

He joined KPCL in 1977 and was retired in 2015. During this period he was involved in construction & design of hydro electric power projects and thermal projects. He was associated in planning, project investigation, preparation of DPRs, monitoring & maintenance of power projects etc.,



A.B Thammaiah DCE

DGM (Civil)

He worked for CWC for 38 years and retired as AEE. During his service he was involved in design & construction of Irrigation and Hydro Electric Projects of State and Central Governments. After his retirement he worked for Design Group as Sr. Design Engineer, prior to joining BHEC.

Panel of Consultants



S. Jayaraju B.E. (Civil)

General Manager (Civil)

Joined KPCL in 1975, after serving Karnataka P.W.D for 4 years. He was involved in construction, quality control and design of hydel projects. He is specialised in the designs and detailing for gates and hoists.



B.R. Muralidhar M.Tech.
(Hydro-turbo Machines/Pumps)

Vast experience in the design and engineering of pumps & hydro turbines, gear boxes, governors etc. He has expertise in selection of turbines, preparation of specifications for procurement, bid evaluation works, inspection, supervision of erection and commissioning of units etc.



T.S. Somanathan B.E. (Mech)

He is well versed with Mechanical (piping) works like Penstocks & raising mains, gates & hoists etc., including works inspections. He started his career at Neyveli Lignite Corporation as Asst. Exec. Engineer., From 1960-69. After that he worked as a piping engineer in Engineering Construction Corpn ltd for 2 years. From 1970 -75 he worked as Project Engineer in Stewarts & Lloyds of India Ltd.

From 1975-82 as Technical Director in Subson India Private Ltd. Bangalore. He served as Proprietor of M/s Pragathi Engineering Consultants, Bangalore. He is experienced in erection, fabrication and commissioning of twopump houses in Cauvery water supply scheme - Stage III. Presently he is also serving as consultant to Aizwal water supply scheme, Mizoram, GEPC Whitefield, Bangalore.



Suryanarayana M.Sc. (Geology)

Retired as head of geology sector of KPCL. He was responsible for geological investigation for hydel/thermal projects and solving geo-technical problems connected with dam foundations, tunnels and underground structures. He has good exposure to Himalayan geology also.



C.R. Venkatesha B.E., M.E. (Structures)

As a qualified engineer with post graduate degree, he is involved in the spheres of teaching, research, engineering and development of hydro power plants. He has vast experience of over thirty nine years and his activities mainly include preparations of DPR, tender documents, construction stage Planning and detailed design of hydroelectric power plant schemes and related structures including sub-stations and transmission line structures. Finding solutions to special problems of hydro power plant machinery, such as vibrations in penstock, performance seals and erosion of underwater parts in hydro turbines operating with silt laden water.



Y.S. Chandrashekaraiah BE (Mech)

He has worked for Tungabhadra steel products limited. M/s. TSPL are the pioneers in the field of design, fabrication and installation of hydro mechanical equipments like penstock pipes, gates vent liners for vertical gates, radial gates of various size and capacities and hoisting arrangement like rope drum hoist, hydraulic hoist, gantry Crane, EOT Cranes, building structures etc., and also design, manufacture and galvanizing of transmission line and switch yard structures for 220 KV, 400 KV lines.



Kallol Guha - (Retired Director, GSI)

He is proficient in construction as well as feasibility stage investigation of various micro, mini and macro Hydel projects of Himalayan region of Sikkim, Arunachal Pradesh and other NE states of India and numerous communication projects in higher reaches along with landslide investigations in Darjeeling-Sikkim Himalaya since 1984.



B.S.Thandaveswara. Ph.D.Civi

B.S. Thandaveswara has a working experience in Malaprabha Irrigation Project, teaching & research experience of more than 46 years at IISc- Bangalore, Concordia University-Canada, IIT Madras & Adhiyamaan College of Engg.-Hosur. He is presently working as Professor in civil engineering department of Dayananad Sagar College of engineering. He is specialized in Hydraulic & water Resources Engineering, computational Hydraulics, Numerical modeling for hydraulic & water resources Engg. Problems, Unsteady flow analysis including flood flows, Flow measurement, Hydraulic modeling, Computer aided design, Environment Hydraulics.

Staff List

Technical Staff:

Sl.No	Name	Designation
1	Ravindra.S.Kashyap (M.Tech)	GM (Projects)
2	Poojya. H.S. (B.E. Civil)	Pr.Engineer
3	Ramya. S. (B.E. Civil)	Pr.Engineer
4	Rashmi Jairaj (B.E. Civil)	Pr.Engineer
5	Sowmya. T.V (B.E. Civil)	Design Engineer
6	Krupa. M. (B.E. Civil)	Design Engineer
7	Rashmi Srinivas (B.E. Civil)	Design Engineer
8	Geetha M.G. (DCE)	Design Engineer
9	Preethi. G (B.E. Civil)	Design Engineer
10	Rajesh.G (M.Tech)	Design Engineer
11	Prabhakar. S. (DME)	Manager-Drawings
12	Chandra Shekhar. H.S. (M.E. Civil)	Design Engineer
13	Harish .M (B.E. Civil)	Design Engineer
14	Vinay .D (B.E. Elec)	Design Engineer
15	Sumanth .H.S (B.E. Civil)	Design Engineer
16	Narayana Swamy.M.K (B.E. Elec)	Design Engineer

Office Support Staff:

Sl.No	Name	Designation
1	Asha Sheshadri	PRO
2	Seema Rao.S	Accounts Officer
3	Manjunath. N	Manager
4	Kamala. R	Secretary
5	Dhanalakshmi. B	Manager Documentation
6	Nagaraj.N	Driver
7	Shivarudrappa.N.R	Back Office
8	Sharath .V	Back Office



ANNEXURE I

Projects Completed
A. Detailed Engineering

Sl No.	Name of the Project	Clients	Location District
1	Kadamane MHS-2 2 x 7.5=15 MW	M/s Nagarjuna Hydro Energy Pvt Ltd, Hyderabad	Hassan
2	Sonna MHS 3 x 3.5 = 10.5 MW	M/s Greenko, Hyderabad	Gulbarga
3	Neogal HEP 2 x 7.5 = 15MW	M/s OM Power Corporation, Hyderabad	Himachal Pradesh
4	Bhavani Barrage II 2 x 5 = 10 MW	Meclin Fabricators Ltd. Trichi.	Coimbatore
5	Barvi HEP 2 x 2.25 = 4.5 MW	MSK Vasista Barvi Power Pvt. Ltd., Thane.	Maharashtra
6	Basavanna SHPP 3 x 8.75 = 24.75 MW	Krishna Hydro Energy Pvt. Ltd.,	Gulbarga Karnataka
7	Mouneswara SHPP 3 x 8.75 = 24.75 MW	Lakshmi Jalavidyut (Krishna) Pvt. Ltd.,	Gulbarga Karnataka
8	Bhavani Barrage I 2 x 5 = 10 MW	Sri Saravana Industries Pvt. Ltd., Mettupalayam.	Coimbatore
9	RMU of Poringalkuthu 4 x9 = 36 MW	Sri Saravana Industries Pvt. Ltd., Poringalkuthu.	Trishur/ Trichur
10	Varahi Tail Race Mini Hydrel * Scheme Stage- I, 5 x 7.50 = 37.50 MW	M/s Sandur Power Pvt., Ltd., Bengaluru	Udupi
11	Somanamaradi Small Hydrel * Scheme, Stage-I, 1 x 6 = 6.00 MW	M/s Narayanapur Power Co., Pvt Ltd., Bengaluru	Raichur
12	Remodeling of shiva power channel at shivanasamudra *	M/s KPTCL, Bengaluru	Mandya
13	Link canal MHS * 1x1.5 =1.5MW	M/s Graphite India Ltd., Bengaluru	Mandya
14	Kadamane MHS-1 * 2 x 4.5=9 MW	M/s Paschim Hydro Energy Pvt. Ltd. Hyderabad	Hassan
15	Gugal MHS * 4 x 2.5 =10 MW	M/s SRS Energy Pvt. Ltd., Bengaluru	Gulbarga

(*) Works completed by the present team during its incumbency with the previous company



*b. Detailed Project Report **

Sl No.	Name of the Project	Clients	Location District
1	Kharagpur MHS 3x5.5=16.5 MW	Sideshwari power generation (p) Ltd., Hyderabad	Kharagpur(D) Odisha
2	Salimi SHP 3x6.67 = 20 MW	Sri Avantika Power projects(Salimi) Pvt Ltd., Hyderabad	Malkangiri(D) Odisha
3	Sindhuguda SHP 3x6.67 =20 MW	Sri Avantika Power projects (Sinhuguda) Pvt Ltd., Hyderabad	Malkangiri(D) Odisha
4	Bhadhbhada SHP 1x4.5=9 MW	Sunma Power Pvt. Ltd., Chennai	Jabalpur(D) MP
5	Salki MPP 2 x 70=140 MW	Gov. of Odisha	Phulbani (D) Odisha
6	Mouneswar SHPP 3x8.25 =24.75MW	Pusala Power Projects Pvt Ltd. Hyderabad	Gulbarga
7	Sirivada SHEP 3x8.25 =24.75MW	Coolroc Energy Ltd., Hyderabad	Koraput / Orissa State
8	Guptheshwar SHEP 3x8.25 =24.75MW	Pioneer Genco Ltd., Bengaluru	Koraput / Orissa State
9	Hongadahalla MHS 3 x 8 = 24MW	Sri Maruthi Powergen (India) Pvt. Ltd. Bengaluru	Hassan
10	Yedkumari MHS 3 x 8 = 24 MW	Sri Maruthi Powergen (India) Pvt.ltd. Bengaluru	Hassan
11	Ganadahalli MHS 3 x 5 =15MW	M/s IJK Power Pvt. Ltd., Chennai.	Mandya
12	Maranahalli MHS 3 x 8 =24MW	Deepak cables(India) Ltd. Bengaluru	Sakleshpura
13	Kudregundi MHS 2 x 1.25 = 2.5MW	Oysters Power Projects Pvt Ltd. Bengaluru	Chikmaluru
14	Kallur - B MHS 4x4 =16MW	Jasper Energy Pvt. Ltd., Bengaluru	Gulbarga
15	Joladadagi MHS 4x4 =16MW	Sai Teja Pvt. Ltd., Hyderabad.	Gulbarga
16	Addhole MHS 2x12 =24MW	Trimurthy Power Pvt. Ltd., Bengaluru	Hassan
17	Kurkamane MHS 2x12 =24MW	Trimurthy Power Pvt. Ltd., Bengaluru	Hassan
18	Adishakti Maramma MHS 3 x 8.25 = 24.75MW	Penna cement Industries Ltd., Hyderabad	Mandya
19	Sri Ramadevara 3 x 8.25 = 24.75MW	Pioneer Genco Pvt. ltd., Bengaluru	Mandya
20	Gumti HEP (RMU) 3 x 5 MW	TSECL, Tripura	Tripura



Sl No.	Name of the Project	Clients	Location District
21	Gauri Halla MHS 2 x 5 = 10 MW	Western Ghats Hydro Ventures Pvt. Ltd. Bangalore	Chikmagaluru
22	Hemmakki Halla MHS 2 x 1.6 = 3.2 MW	Banashankari Hydro Power Plant Pvt. Ltd. Chikmagaluru	Chikmagaluru
23	Vinayaka MHS 3 x 8.25 = 24.75 MW	Krishna Hydro Energy Ltd, Hyderabad	Raichur
24	Basaveshwara SHP 3 x 8.25 = 24.75 MW	Sivasamudramm Power Ltd.	chamaraja nagara
25	Chikkamutatiraya SHP 1 x 20 = 20 MW	Sivasamudramm Power Ltd.	Mandya
26	Lokapavani MHS 2 x 1 = 2 MW	B & S Energy Pvt Ltd Hyderabad	Mandya
27	Halluru MHS 4 x 3.75 = 15 MW	Gulbarga Bio- Energy Pvt Ltd., Bengaluru	Haveri
28	Govinahalu MHS 4 x 3 = 12 MW	Gulbarga Bio- Energy Pvt Ltd., Bengaluru	Davanagere
29	Kampli MHS (2 x 0.5 = 1 MW)	Flax Hydro Energy Pvt. Ltd., Hyderabad.	Bellary
30	Machna SHP (10 MW)	Elango Hydro Power Pvt. Ltd., Hyderabad.	Betul Madhya Pradesh
31	Somanamaradi SHS Expansion (9 MW)	Narayanapur Power Company Pvt. Ltd., Bengaluru.	Karnataka
32	Shamburi MHS, 5x4.8 = 24MW	M/s Ritwik Energy Generation Pvt. Ltd., Hyderabad	Dakshina Kannada
33	Varahi Tailrace MHS, Stage -I 3x7.5 = 22.5MW	M/s Sandur Power Projects Ltd., Bengaluru	Udupi
34	Horiabbe MHS, 2x3=6MW	M/s SK Farms, Hubli	Udupi
35	Upper Bhadra Irrigation Project -Package III	SNC Power Corporation Pvt., Ltd., Bengaluru	Shimoga
36	Perdur MHS 2 x 1.1 = 2.2 MW	Disha Power Corporation Pvt Ltd., Bengaluru	Dakshina Kannada
37	Keri Hole MHS 2 x 1.5 = 3 MW	Global Aerospace Industries Pvt. Ltd., Bengaluru	
38	Yenne Hole MHS 2 x 4.5 = 9 MW	Shravan Raj Power Projects Pvt Ltd., Hyderabad	Karkala
39	Aradalu MHS 2 x 2 = 4 MW	Namana Hydro Power Pvt. Ltd., Bengaluru	Chikmagaluru



Sl No.	Name of the Project	Clients	Location District
40	Devarabetta MHS 3x6.5 =19.5MW	M/s Pinnacle Green Power Pvt. Ltd., Bengaluru	Hassan
41	Doddabetta MHS 3x7MW=21MW	M/s Sanjeevini Power Pvt. Ltd., Bengaluru.	Hassan
42	Mallahalli MHS 3x8.3 =24.9MW	M/s Nandini Power Company (B'lore) Pvt. Ltd. Bengaluru	Hassan/ Kodagu
43	Somavathy MHS, 2x3=6MW	M/s SRM Power Pvt. Ltd., Hyderabad	Chikmagaluru
44	Ashtalakshmi MHS, 2x3.5 =7MW	M/s SSJV Projects Pvt. Ltd., Bengaluru	Chikmagaluru
45	Hullahalli MHS, 2x1=2MW	KREDL, Bengaluru	Mysore
46	Shivanasamudra MHS, 1x1=1MW	M/s Vakkal Power Corporation Ltd., Bengaluru	Mandya
47	Chickmandya MHS, 1x0.5 =0.5MW	M/s Adichunchanagiri Energy Projects Pvt. Ltd., Mandya	Mandya
48	Hullahalla MHS, 3x4 =12MW	M/s Limbavali Power Pvt. Ltd., Bengaluru	Mandya
49	H Malligeri MHS, 1x1 =1MW	M/s Venika Green Power Pvt. Ltd., Bengaluru	Mandya
50	Handihalla MHS, 3x8.25 =24.75MW	M/s Penna Cement Industries Ltd., Hyderabad	Mandya
51	Uyamballi MHS,	M/s SNS Power Projects Pvt. Ltd., Bengaluru	Ramnagara
52	Sorang HEP, 2x50 =100MW	M/s Himachal Sorang Power Pvt. Ltd., Shimla	Himachal Pradesh
53	Magundi MHS 2x4.5 =9MW	Shakunthalam Power Pvt. Ltd., Bengaluru	Chikmagalur
54	Huvina Hedagi MHS 5 x 4.3 = 21.5 MW	XS Hydro Energy Pvt. Ltd., Bengaluru	Gulbarga
55	Koynad MHS 2 x 5 = 10 MW	Sadguru Sai Energies Pvt. Ltd., Bengaluru	Kodagu
56	Akki hebbal MHS 2 x 2.25 = 4.5 MW	Cauvery Hydro Energy Pvt. Ltd., Bengaluru	Mandya
57	Kattepura MHS 3 x 2 =6MW	Cauvery Hydro Energy Pvt. Ltd., Bengaluru	Hassan



Sl No.	Name of the Project	Clients	Location District
58	Baje MHS, 3x1 =3MW	M/s Devar Power Pvt. Ltd., Bengaluru	Udupi
59	Varahi MHS, 2x4.5 =9MW	M/s South Canara Electric Power Ltd., Bengaluru	Udupi
60	Kadamane MHS 1, 2x4.5 =9MW	M/s Paschim Hydro Energy Pvt. Ltd., Hyderabad	Hassan
61	Kadamane MHS 2, 2x7.5 =15MW	M/s Nagarjuna Hydro Energy Pvt. Ltd.	Hassan
62	Abilbiru MHS, 2x3 =6MW	M/s Southwest Hydro Power Pvt. Ltd., Bengaluru	Hassan
63	Kabbinala MHS 2 x 4.5 = 9 MW	Vakkal power corporation Ltd. Bengaluru	Hassan
64	Hosmatha MHS 3 x 1.6 = 4.8 MW	Dishaa Power Corporation Pvt. Ltd. Bengaluru	Dakshina kannada
65	Somanamaradi MHS 2 x 6 = 12 MW	Narayanapur power company Pvt ltd. Bengaluru	Raichur
66	Basavanna SHPP 3x8.25 =24.75MW	Krishna Hydro Energy Ltd., Hyderabad	Gulbarga
67	Singatalur-Huligudda MHS, 3 x 6.0MW = 18 MW	M/s. Tungabhadra Power Projects Pvt. Ltd. Bengaluru	Gadag
68	Gugal MHS, 4 x 2.50MW = 10 MW	M/s SRS Energy Pvt Ltd., Bengaluru	Gulbarga
69	Varahi Tail Race Mini Hydel Scheme Stage-II, 2 x 7.50 = 15 MW	M/s Sandur Power Pvt., Ltd., Bengaluru	Udupi
70	Sonna MHS, 3x3.5 =10.50MW	M/s Jasper Energy Pvt. Ltd. Bengaluru	Gulbarga
71	Yatanur MHS, 2x0.5 =1MW	M/s SKN. Hydro Energy PVT. Ltd., Bengaluru	Vijapura
72	Mannapitlu MHS, 3x5 =15MW	M/s Bobba Power Projects Bengaluru	Dakshina Kannada
73	Mulibettu MHS, 2x4.5 =9MW	M/s Mount Kailash Power Projects Pvt. Ltd. Bengaluru	Dakshina Kannada
74	Kilanjara MHS, 2x3 =6MW	M/s Phalguni Power Projects-1 Bengaluru	Dakshina Kannada
75	Kolavooru MHS, 2x4.5 =9MW	M/s Phalguni Power Projects-2	Dakshina Kannada



Sl No.	Name of the Project	Clients	Location District
76	Kallaja MHS 3x2.5 = 7.5MW	M/s Srishti Power PVT. LTD., Bengaluru	Dakshina Kannada
77	Kolya MHS, 6x3 = 18MW	M/s SNC Power Corporation Ltd Bengaluru	Dakshina Kannada
78	Neerukatte MHS, 4x3.75 = 15MW	M/s Sagar Power (Neerukatte) Pvt Ltd. Bengaluru	Dakshina Kannada
79	Perla MHS, 5x4.8 = 24MW	M/s AMR Power Pvt. Ltd. Bengaluru	Dakshina Kannada
80	Durgadahalla MHS, 2x9 = 18MW	M/s Corporate Hydro Energy Pvt. Ltd. Hyderabad	Dakshina Kannada

(*) Reports with serial No.01 to 36 are independently completed by BHEC, and the rest are completed by the present team during its incumbency with the previous company.

C. Feasibility Reports

Sl No.	Name of the Project	Clients	Location State
1	Pemashelphu HEP 3 x 32.5 = 97.5 MW	Raajratna Energy Holdings Pvt., Ltd. Hyderabad	Arunachal Pradesh
2	Kangtangshiri HEP 3 x 30 = 90 MW	Raajratna Energy Holdings Pvt., Ltd. Hyderabad	Arunachal Pradesh
3	Rapum HEP 3 x 33 = 99 MW	Raajratna Energy Holdings Pvt., Ltd. Hyderabad	Arunachal Pradesh
4	Par HEP, 2 x 45 = 90 MW	Par Power Pvt. Ltd. Hyderabad	Arunachal Pradesh
5	Dardu HEP, 2 x 37.5 = 75 MW	Dardu Power Pvt. Ltd. Hyderabad	Arunachal Pradesh
6	Pandri MHS 4 x 3.5 = 13 MW	Falcon Power Pvt Ltd. Nellore	Karnataka
7	Castle Rock MHS 3 x 2 = 6 MW	Corporate Hydro Energy Pvt. Ltd.	Karnataka
8	Yemsing MHS 2 x 19 = 38 MW	KVK energy Infrastructure Pvt. Ltd. Hyderabad	Arunachal Pradesh
9	Kolek MHS 2 x 12 = 24 MW	KVK energy Infrastructure Pvt. Ltd. Hyderabad	Arunachal Pradesh
10	Konanurkere MHS 500 kW	Flax Hydro Energy Pvt. Ltd., Hyderabad	Karnataka
11	Ibbajala MHS 6 MW	ADC Power Bangalore	Karnataka
12	Rajarajeshwari MHS 20 MW	ADC Power Bangalore	Karnataka



Sl No.	Name of the Project	Clients	Location District
1	Bevinahalli MHS	Agasthya clean Energy Pvt Ltd	Karnataka
2	WahRew HEP	Manjeera Construction Pvt Ltd	Meghalaya
3	Madagmasur MHS 1 x 2 = 2 MW	MVK Infrastructure Pvt.Ltd	Meghalaya
4	Nonglygkien HEP	MVK Green Pvt Ltd., Bengaluru	Meghalaya
5	Umngot II HEP	Corporate Hydro Enrgy Pvt Ltd	Meghalaya
6	Hegodlu MHS 2 x 2 = 4 MW	M/s Asian Fab Tec Ltd. Bengaluru	Udupi
7	Hemmannu MHS 3 x 1.333 = 4 MW	M/s Asian Fab Tec Ltd. Bengaluru	Udupi
8	Mugalinadi MHS 2 x 9 = 18 MW	GVPR Industries Ltd Hyderabad	Shimoga
9	Naravi MHP-I 2 x 2 = 4 MW	M/s Asian Fab Tec Ltd. Bengaluru	Udupi
10	Naravi MHP-II 2 x 2 = 4 MW	M/s Asian Fab Tec Ltd. Hyderabad	Udupi
11	Yemsing MHS 2 x 19 = 38 MW	M/s KVK Pvt Ltd., Hyderabad	Arunachal Pradesh State
12	BK Hole MHS 2 x 2 = 4 MW	M/s MVK Infrastructures Pvt Ltd. Bengaluru	Hassan
13	Govina Halu MHS 4 x 3 = 12 MW	Gulbarga Bio-Energy Pvt. Ltd., Bengaluru	Davanagere
14	Hallur MHS 4 x 3.75 = 15 MW	Gulbarga Bio-Energy Pvt. Ltd., Bengaluru	Haveri
15	Hiremalali MHS	Sanmati Power Co. Pvt. Ltd., Bengaluru	Davanagere
16	Dhadesugur MHS 1.75 x 2 MW = 3.5 MW	M/s Infrastructure Development corporation & KREDL	Raichur
17	Yadgir MHS 3.3 x 3 MW = 9.9 MW	M/s Infrastructure Development corporation & KREDL	Yadgir
18	Dhanagere MHS 1.667 x 6 MW = 10 MW	M/s Infrastructure Development corporation & KREDL	Chamarajanagar
19	Ranganathpura MHS 3 x 1.5 MW = 4.5 MW	Pioneer Genco	Mandya



Sl No.,	Name of the Project	Clients	Location District
20	Raya Canal MHS	Hindustan Engg. Works	Karnataka
21	Mawsyrpat HEP	Astha Green Energy Pvt. Ltd.,	Shimoga
22	Dardu HEP 3 x 25 = 75MW	M/s KVK Dardu Hydro Energy Pvt Ltd.,	Arunachal Pradesh State
23	Nishangudde MHS 2 x 10 = 20MW	M/s Deepak Cables (India)Ltd.	Hassan
24	Shenai Gudda MHS 2 x 1.5 = 3 MW	M/s Deepak Cables (India)Ltd.	Hassan
25	Hemmige MHS 2 x 1.5 = 3 MW	M/s Boruka Power Corporation Ltd. Bengaluru	Mandya
26	Alehalli MHS 2x4 =8 MW	M/s Fortune Five Hydrel Projects Pvt., Ltd. Bengaluru	Chickmagaluru
27	Kudregundi MHS 2 x 2 =4 MW	Oysters Power Project Pvt. Ltd. Bengaluru	Chickmagaluru
28	Bettakumari MHS 2 x 10 = 20 MW	Sri Maruthi PowerGen(India) Pvt.Ltd. Bengaluru	Hassan
29	Tagur HEP 3 x 30=90 MW	NHEPL, Hyderabad	Arunachal Pradesh State
30	Payum HEP 4 x 8.75 = 35 MW	NHEPL, Hyderabad	Arunachal Pradesh State
31	Gameng HEP 3 x 10 =30 MW	NHEPL, Hyderabad	Arunachal Pradesh State
32	Tenga HEP 3 x 45 = 135 MW	NHEPL, Hyderabad	Arunachal Pradesh State
33	Balnad MHS 2 x 1.5 = 3 MW	RS Graphics, Chennai	Coorg
34	Peraje MHS 2 x 1.5 = 3 MW	Urvashi Trading co. Ltd. Bengaluru	Karnataka
35	Chickmandya MHS 500 kW = 0.50 MW	Adichunchanagiri Energy Projects Ltd. Mandya	Karnataka
36	Pakke HEP 2 x 40 = 80 MW	NHEPL, Hyderabad	Arunachal Pradesh State
37	Sebu HEP 2 x 35 =70 MW	NHEPL, Hyderabad	Arunachal Pradesh State
38	Kapk Leyak HEP 4 x 40 = 160 MW	NHEPL, Hyderabad	Arunachal Pradesh State
39	Rapum HEP 3 x 33 = 99 MW	M/s Raajarathna Energy Holdings Pvt Ltd. Hyderabad	Arunachal Pradesh State
40	Benniganahalla HEP 0.30 MW	Prolite Energy Pvt Ltd. Bengaluru	Karnataka



Sl. No.	Name of the Project	Clients	Location District
41	Magajahalla HEP 0.03 MW	Prolite Energy Pvt Ltd. Bengaluru	Karnataka
42	Par HEP 2 X 45 = 90MW	M/s KVK Par Power Pvt Ltd.,	Arunachal Pradesh State
43	Katigudde MHS 2MW	M/s Delta Power Project Pvt Ltd. Bengaluru	Chikmagaluru
44	Ajjolli MHS 2 x 2.5 = 5MW	River view co-operative Resorts ltd. Mangalore.	Udupi
45	Karagadde MHS 2 x 12 =24MW	M/s Suchi Green Power Pvt., Ltd. Bengaluru	Uttara Kannada
46	Malavalli MHS 2x2.5 =5 MW	M/s Suchi Green Power Pvt., Ltd. Bengaluru	Uttara Kannada
47	Elaneeru MHS, 2x5 =10MW	M/s Nagarjuna Hydro Energy Pvt. Ltd. Hyderabad	Dakshina Kannada
48	Doddahalla MHS, 3x6 =18MW	M/s Klen & Marshall Ltd. Bengaluru	Chickmagaluru
49	Kabbinala MHS, 2x1 =2MW	M/s Sanicons Pvt. Ltd., Hyderabad	Dakshina Kannada
50	Kadamane MHS 1, 2x3 =6MW	M/s Paschim Hydro Energy Pvt. Ltd. Hyderabad	Hassan
51	Kadamane MHS 2, 2x7.5=15 MW	M/s Nagarjuna Hydro Energy Pvt Ltd. Hyderabad	Hassan
52	Durgadahalla MHS, 3x6 =18MW	M/s Corporate Hydro Energy Pvt. Ltd. Hyderabad	Dakshina Kannada
53	Balekallu MHS, 2x6 =12MW	M/s Nagarjuna Hydro Energy Pvt Ltd. Hyderabad	Hassan
54	Moorkannu MHS, 2x5.5 =11MW	M/s Nagarjuna Hydro Energy PVT. LTD., Hyderabad	Hassan
55	Hachinad MHS, 2x1 =2MW	M/s KREDL, Bengaluru	Kodagu
56	Hadagal MHS, 2x1.5 =3MW	M/s KREDL, Bengaluru	Kodagu
57	Uyamballi MHS, 2x5 =10MW	M/s KREDL, Bengaluru	Ramanagaram
58	Abilbiru MHS, 2x2.25 =4.5MW	M/s Southwest Hydro Power Pvt. Ltd. Bengaluru	Hassan
59	Kunchikal Falls MHS, 2x2.5 =5MW	M/s South Canara Electric Company PVT. LTD.,	Dakshina Kannada
60	Hosangadi MHS, 2x1.5 =3MW	M/s Hosangadi Hydro Power Projects PVT. LTD., Bengaluru	Dakshina Kannada



Sl No.,	Name of the Project	Clients	Location District
61	Vuddigudda MHS, 2x0.45 =0.9MW	M/s WoodeGodda Coffee Estate Chickmagaluru	Chickmagaluru
62	Hulikal Hole MHS, 2x2 =4MW	M/s Devar Power Pvt. Ltd. Bengaluru	Udupi
63	Koohole MHS, 1 x 1 = 1 MW	M/s KREDL, Bengaluru	Kodagu
64	Napanda Hole MHS, 1x0.5 =0.5MW	M/s KREDL, Bengaluru	Kodagu
65	Koynadu MHS, 2x1.75 =3.5MW	M/s Sadguru Sai Energies Pvt. LTD., Bengaluru	Kodagu
66	Beliyur MHS, 3x5 =15MW	M/s NTPC Hydro Ltd. Noida	Dakshina Kannada
67	Neerukatte MHS, 3 x 5 =15MW	M/s NTPC Hydro Ltd. Noida	Dakshina Kannada
68	Doddbetta MHS, 74MW	M/s NTPC Hydro Ltd. Noida	Hassan
69	Kulkunda MHS, 19MW	M/s NTPC Hydro Ltd. Noida	Hassan
70	Bheemankallu MHS, 13.5MW	M/s NTPC Hydro Ltd. Noida	Hassan
71	Kolya MHS, 18MW	M/s NTPC Hydro Ltd. Noida	Dakshina Kannada
72	Ulippu MHS, 12MW	M/s NTPC Hydro Ltd. Noida	Dakshina Kannada
73	Kallaja MHS, 3x2.5 =7.5MW	M/s Srishti Power Pvt Ltd., Bengaluru	Dakshina Kannada
74	Devaragundi MHS, 4MW	M/s Astra Infrastructure Ltd. Secundarabad	Dakshina Kannada
75	Harobele MHS, 1MW	M/s KREDL, Bengaluru	Bengaluru Rural
76	Biligere MHS, 2MW	M/s Astra Infrastructure Ltd. Secundarabad	Kodagu
77	Bypadi MHS, 6MW	M/s Srishti Power Pvt. Ltd. Bengaluru	Dakshina Kannada
78	Surlabi MHS, 4MW	M/s KRED, Bengaluru	Kodagu
79	Haragahole MHS, 3MW	M/s KRED, Bengaluru	Kodagu
80	Srirangahalli MHS, 0.8MW	M/s KRED, Bengaluru	Kodagu
81	Bhadrakali MHS, 0.7MW	M/s KRED, Bengaluru	Kodagu



Sl No.,	Name of the Project	Clients	Location District
82	Chapparahalla MHS (Ph1) 14MW	M/s Akashaganga Energy Pvt. Ltd., Bengaluru	Chikmagaluru
83	Chapparahalla MHS (Ph2)	M/s Akashaganga Energy Pvt. Ltd., Bengaluru	Chikmagaluru
84	Bajimane MHS 2MW	M/s Falcon Power Pvt. Ltd., Bengaluru	Chikmagaluru

(*) Studies from Sl.No., 01 to 45 are independently completed by BHEC & the rest are done by the present team during its incumbency with the previous company.

*E. Pre-Tender Services **

Sl No.,	Name of the Project	Clients	Location State
1	AB-E-Keli Dam	Sri Kaidate Enterprises Bangalore	Afghanistan
2	Shah Abdullah Dam	Sri Kaidate Enterprises Bangalore	Afghanistan
3	Tangi Shadyan Dam	Sri Kaidate Enterprises Bangalore	Afghanistan
4	Water supply scheme to JVSP	M/s Gammon India Ltd. Mumbai.	Karnataka
5	Ghataprabha Right Bank Canal Power House	M/s GMW, Chennai	Karnataka
6	Munirabad Dam Power House	M/s GMW, Chennai	Karnataka
7	Barapole MHS	M/s Meclin Infrass Ltd.	Kerala
8	Upper Trishuli -1 HEP	M/s DF Power Systems Pvt Ltd, Bengaluru	Nepal
9	Ghataprabha RBC Power House	M/s Megha Engg & Infrastructure Ltd, Hyderabad	Karnataka
10	Poringalkuthu HEP	Sri Saravana Industries Ltd, Chennai	Kerala
11	Chiplima HEP	Sri Saravana Industries Ltd, Chennai	Odisha
12	Saurashtra Branch Canal HEPs of SSNNL	M/s Megha Engg & Infrastructure Ltd, Hyderabad	Madhya Pradesh
13	Kachchh Branch Canal HEPs of SSNNL	M/s Megha Engg & Infrastructure Ltd, Hyderabad	Madhya Pradesh
14	Vadodara Branch Canal HEPs of SSNNL	M/s General Mechanical Works, Baroda.	Madhya Pradesh



Sl No.	Name of the Project	Clients	Location State
15	Miyagam Branch Canal HEPs of SSNNL	M/s General Mechanical Works, Baroda.	Madhya Pradesh
16	Upper Solu	M/s DFPS Bangalore.	Nepal
17	Sholayar RMU	Sri. Saravana Industries Pvt. Ltd., Chennai	Tamil Nadu
18	Kollimalai MHS	Sri. Saravana Industries Pvt. Ltd., Chennai	Tamil Nadu
19	Upper Bhadra Irrigation Canal Network System	M/s Gammon India LTD., Mumbai	Karnataka
20	Singtalur Lift Irrigation Scheme (4 Packages)	M/s Engineers Projects (I) Ltd Chennai	Karnataka
21	Ainapur Lift Irrigation Scheme	M/s ABB, Bengaluru	Karnataka
22	Haliyal Lift Irrigation Scheme	M/s Mysore construction Co., Bengaluru	Karnataka
23	Pulichintala Project	M/s Gammon India Ltd Mumbai	Andhra Pradesh
24	Upper Tunga canal Head Regulator	M/s Karnataka Neeravari Nigam Ltd., Shimoga	Karnataka
25	Bhima Lift Irrigation Scheme	M/s Gammon India Ltd. Mumbai	Karnataka
26	Koilsagar Lift Irrigation Scheme	M/s Nagarjuna Construction Co. LTD., Hyderabad	Andhra Pradesh
27	Velagonda Project	M/s Gammon India LTD., Mumbai	Andhra Pradesh
28	Lata Tapovan HEP	SSJV Projects Pvt Ltd. Bengaluru	Uttara Khand
29	Galeru Nagara Sulaja Sravanti (GNSS) Flood Flow Canal Project	M/s Maytas Infra Private Ltd., Hyderabad	Andhra Pradesh
30	Chuzachen HEP	M/s Nagarjuna Construction Co. LTD.,	Sikkim
31	Deep Water Intake	M/s Gammon India LTD., Mumbai	Tamilnadu
32	Upper Bhadra Lift Irrigation Scheme - Package I & III	M/s SNC,Power Corporation Pvt.Ltd.,	Karnataka

(*) Services for Sl.No.01 to 18 are independently completed by BHEC and the rest by the present team during its incumbency with the previous company.



F. Due Diligence Reports.

Sl No.	Name of the Project	Clients	Location State
1	Markala SHP 2 x 9 = 18 MW	River view co-operative Resorts Ltd., Mangalore.	Karnataka
2	Kudltheertha MHS 2 x 2.75 = 5.5 MW	River view co-operative Resorts Ltd., Mangalore.	Karnataka
3	Upper Sitanadi MHS 2 x 1.5 = 3 MW	River view co-operative Resorts Ltd., Mangalore.	Karnataka
4	Rolep MHS 2 x 25 = 50 MW	Kare power resources pvt. Ltd., Bengaluru	Sikkim
5	Chakungchu MHS 3 x 25 = 75 MW	Kare power resources pvt. Ltd., Bengaluru	Sikkim
6	Sorang-Barakamba SHP 2 x 12.5 = 25 MW	M/s HSPPL, Hyderabad	Himachal Pradesh
7	Nayar SHP 2 x 8.5 = 17 MW	Narayanpur Power Corporation Ltd.	Uttar Kahand
8	Alehalli MHS 2 x 4 = 8 MW	Urvashi Trading Company Bengaluru	Karnataka
9	Pattadahalla MHS 2 x 1.5 = 3 MW	Sai Spurthi Power Pvt Ltd. Bengaluru	Karnataka
10	Muski halla MHS 2 x 0.5 = 1.0 MW	Sai Spurthi Power Pvt Ltd. Bengaluru	Karnataka
11	BK Hole MHS 2 x 2 = 4 MW	M/s. MVK Infrastructures Pvt. Ltd., Bengaluru	Karnataka
12	Hemavathi MHS 4 x 4 + 2 x 4 = 24MW	Gwalior Cheical Industries Ltd.	Karnataka
13	Palchan-Bhang MHS 3 x 3 = 9 MW	SSJV Project Pvt Ltd. Bengaluru	Himachal Pradesh
14	Machagunda MHS I & II	HAAST Precision Pvt Ltd.	Karnataka
15	Kolek HEP 2 x 12 = 24 MW	KVK energy Infrastructure Pvt. Ltd. Hyderabad	Arunachal Pradesh
16	Sarju I HEP 2 x 3.75 = 7.5 MW	M/s Sintex Ltd. Ahmedabad	Uttarakhand
17	Sarju II HEP 3 x 5 = 15 MW	M/s Sintex Ltd. Ahmedabad	Uttarakhand
18	Sarju III HEP 3 x 3.50 = 10.50 MW	M/s Sintex Ltd. Ahmedabad	Uttarakhand
19	Upper Sileru MHS 3 x 1.75 = 5.25 MW	KVK Energy Infrastructures Pvt Ltd. Hyderabad	Arunachal Pradesh
20	Lower Sileru MHS 3 x 1.334 = 4 MW	KVK Energy Infrastructures Pvt Ltd. Hyderabad	Arunachal Pradesh



Sl No.	Name of the Project	Clients	Location State
21	Rallavagu MHS	Sri A Venugopala Raju Hyderabad	Andhra Pradesh
22	Sarju HEP	TVS Energies Ltd.	Uttarakhand
23	Hiremalali SHP	Sanmathi Power Co. Pvt Ltd.	Karnataka
24	Hulikere SHP	Sanmathi Power Co. Pvt Ltd.	Karnataka
25	Balsio HEP	-	Himachal Pradesh
26	Ginni HEP	-	Himachal Pradesh
27	Taraila HEP	-	Himachal Pradesh
28	Kuchela HEP	-	Himachal Pradesh
29	Purved HEP	Mallikarjunudu	Himachal Pradesh
30	Tirap HEP	Nagarjuna Hydro Energy Pvt Ltd	Arunachal Pradesh
31	Lower Sileru Forebay HEP	Godavari Mega Aqua Food Products Pvt Ltd.,	Andhra Pradesh
32	Malebennur MHS	Agastya Clean Energy Pvt Ltd. Bengaluru	Karnataka
33	Holalur MHS (3.00 MW)	ADC Power, Bengaluru	Karnataka
34	Bhadra LBC MHS (1.5 MW)	ADC Power, Bengaluru	Karnataka
35	Hemagiri MHS (3.5 MW)	ADC Power, Bengaluru	Karnataka
36	Dehar SHP (2 x 2.5 MW)	APITCO, Hyderabad	Himachal Pradesh
37	Upper Awa SHP (2 x 2.5 MW)	APITCO, Hyderabad	Himachal Pradesh
38	Binu Parai SHP (2 x 2.5 MW)	APITCO, Hyderabad	Himachal Pradesh
39	Luni-II SHP (2 x 2.5 MW)	APITCO, Hyderabad	Himachal Pradesh
40	Luni-III SHP (2x2.5 MW)	APITCO, Hyderabad	Himachal Pradesh
41	Sahu SHP (2x2.5 MW)	APITCO, Hyderabad	Himachal Pradesh
42	Upper Joiner SHP (3x4 MW)	APITCO, Hyderabad	Himachal Pradesh
43	Upper Taraila SHP (2x2.50 MW)	APITCO, Hyderabad	Himachal Pradesh
44	Taraila-2 SHP (2x2.50 MW)	APITCO, Hyderabad	Himachal Pradesh
45	Taraila-3 SHP (8 MW)	APITCO, Hyderabad	Himachal Pradesh
46	Haladi MHP (2x2.50 MW)	Chamundi Energy Pvt. Ltd., Bengaluru.	Karnataka



G. Preliminary Reports

Sl No.	Name of the Project	Clients	Location State
1	Sandar Mandakini -1 SHEP	Srikanth Energy Pvt.Ltd. Hyderabad	Uttarakhand
2	Sandar Mandakini -2 SHEP 2 x 7.5 =15 MW	Srikanth Energy Pvt.Ltd. Hyderabad	Uttarakhand
3	Bainoli tuneta - 1SHEP 2 x 2.5 =5 MW	Srikanth Energy Pvt.Ltd., Hyderabad	Uttarakhand
4	Khuthnur Karadi - 1 SHEP	Srikanth Energy Pvt.Ltd. Hyderabad	Uttarakhand
5	Khandipul Nandakini - 3 SHEP 2 x 5 =10 MW	Srikanth Energy Pvt.Ltd. Hyderabad	Uttarakhand
6	Naugoan - 1 SHEP 2 x 5 =10 MW	Srikanth Energy Pvt.Ltd. Hyderabad	Uttarakhand
7	Yamuna Kuwa SHEP 2 x 7 =14 MW	Srikanth Energy Pvt.Ltd. Hyderabad	Uttarakhand
8	Barnigad SHEP	Srikanth Energy Pvt.Ltd. Hyderabad	Uttarakhand
9	Badrigad SHEP 2 x 4 =8 MW	Srikanth Energy Pvt.Ltd. Hyderabad	Uttarakhand
10	Saraigad SHEP 2 x 2 =4 MW	Srikanth Energy Pvt.Ltd. Hyderabad	Uttarakhand
11	Mandakini SHEP 2 x 5 =10 MW	Pioneer Genco Ltd. Bengaluru	Uttar Khand
12	Bhagirathi SHEP 3 x 8 =24 MW	Pioneer Genco Ltd. Bengaluru	Uttar Khand
13	Lakhamandal- yamuna SHEP 2 x 7 =14 MW	Pioneer Genco Ltd. Bengaluru	Uttar Khand
14	Alakananda SHEP 2 x 1.4 =2.8 MW	Pioneer Genco Ltd. Bengaluru	Uttar Khand
15	Gaundar Mandakini SHEP 2 x 2.5 =5 MW	Pioneer Genco Ltd. Bengaluru	Uttar Khand
16	Nayar SHP 2 x 8.5 MW	Narayanpur Power Corporation Ltd. Bengaluru	Uttar Khand



H. Miscellaneous Structures & Other Project Works

Sl No.	Name of the Project	Clients	Location State
1	Varahi Irrigation Project Design of supporting system in failure zone of Right Bank Canal	KNNL	Karnataka
2	Chathankottunada SHEP (Design of penstock)	Coramandal Energy Pvt. Ltd.	Kerala
3	Parbathi HEP (Design of Rope Drum Hoist)	Sri Saravana Industries Pvt. Ltd., Chennai	Himachal Pradesh
4	Design of Diversion Weir and Cofferdam across Damodar River	L & T Construction, Chennai	Dhanbad District, Jharkhand
5	Flood Studies of Harobele Reservoir in Kanakapura Taluk	Sai spurthi Power Pvt. Ltd., Hyderabad	Karnataka
6	Design of Intake Structure for Poringalkuthu MHS (1 x 24 MW)	Nechupadam Constructions Cochin	Kerala
7	Construction of Gajanur Spillway Bridge, Design of Launching *	M/s Mysore construction Co., Bengaluru	Karnataka
8	Techno-Economic Viability Studies for 108MW Bajoli-Holi HEP *	M/s Simplex Infrastructures LTD., Mumbai	Himachal Pradesh
9	Panan HEP, Sikkim-Review of Hydrology & EPC Tender *	M/s Himagiri Hydro Energy Pvt. Ltd. New Delhi	Sikkim

(*) Works completed by the present team during its incumbency with the previous company

