



ENERGY SERVICE
COMPANY (ESCO)
BY B.E.E



GREEN
BUILDING
INITIATIVE

SINCE 2009

BNN POWER

COMPANY PROFILE



info@bnnpower.in
www.bnnpower.in

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About Us.

BNN Power is a Mumbai - India based Energy Consultant recognized as a Energy Service Company (ESCO) empaneled with Bureau of Energy Efficiency, Govt. of India, Ministry of Power, specializes in Energy Saving & Electrical Auditing Services (Grade Rank 2). With 15+ years of experience in the Energy Sector and Energy Saving Projects, we bring Value Engineering to achieve desired results for our clients since 2009.

We also manufacture custom designed Energy Saving Solutions and develop an extensive range of innovative products suitable for Power Quality and Energy Efficiency Improvement.



ENERGY SERVICE
COMPANY (ESCO)
EMPANELED WITH BUREAU
OF ENERGY EFFICIENCY,
GOVT. OF INDIA, MINISTRY
OF POWER



EMPANELED MEMBERSHIP
WITH UNITED STATES
GREEN BUILDING COUNCIL
(USGBC) FOR L.E.E.D AND
E.S.G COMPLIANCES FOR
GREEN BUILDING
INITIATIVES



Our Philosophy.

Energy Saving is a national agenda which promotes India to become more Energy Efficient and Net Zero Emission. In order to reach among every corners of India., our products are designed to make sustainability simple and effective. We bring the latest in technology to help your business save energy, reduce costs, and make a positive impact on the environment. Every industry has its unique energy and sustainability challenges. BNN POWER is your partner in navigating these challenges, offering tailored made design solutions for every client that blends precision with eco-consciousness as we remain committed towards Energy Efficiency.

The Organization Structure.

CONSULTANCY SERVICES DIVISION

- POWER QUALITY ENERGY AUDITS
- DETAILED ENERGY AUDITS WITH CEA 2023 & RELATED COMPLIANCES
- COMPREHENSIVE ENERGY AUDIT WITH GUARANTEED ENERGY SAVING
- ANNUAL POWER QUALITY COMPLIANCE FOR SOLAR & RENEWABLE ENERGY PLANTS CEA 2019 AMENDMENT & MSEDCL COMPLIANCE REQUIREMENTS

MANUFACTURING DIVISION

- PASSIVE HARMONICS FILTER (PHF)
- ACTIVE HARMONICS FILTER (AHF)
- ZERO SEQUENCE HARMONICS FILTER (ZHF)
- K-RATED TRANSFORMERS FOR HARMONICS SUPPRESSION
- MIXED LOAD/LIGHT LOAD ENERGY SAVERS (Transformers)
- IoT based ENERGY MANAGEMENT SYSTEMS (EMS) for 24x7 Online Monitoring.
- DE-TUNED APFC PANELS & HYBRID POWER FACTOR CONDITIONERS
- CCMS STREET LIGHT PANELS

WHY BNN POWER ?

BNN Power is a Bureau of Energy Efficiency (BEE) licensed Energy Service Company (ESCO) here to offer 100% solution to power quality problems. Which helps reduce monthly Electricity bills, offers reduction in yearly maintenance by power quality improvement and 24x7 support to our clients.



GUARANTEED SOLUTIONS

We are a team of experts who use the unique combination of daily data monitoring, Production analytics, and human expertise to bring value to its customers. This results in optimized machine lifecycle, Efficiency and improved performance.



GUARANTEED ENERGY SAVING

Our in-house manufacturing hub allows us to custom build specific solutions for client's new & existing design to implement efficient electrical solutions at a cost-effective price. Which helps reduce monthly Electricity bills



15+ YEARS EXPERIENCE

Since 2009 BNN Power is a Mumbai - India based Energy Consultant recognized as a Energy Service Company (ESCO) empaneled with Bureau of Energy Efficiency, Govt. of India, Ministry of Power, specializes in Energy Saving & Electrical Auditing Services.



MULTI-SECTOR EXPERTISE

Our client portfolio extends to all sectors of industries. From manufacturing to commercial spaces. From private sector to government sector. BNN Power is the one-stop solution to your Energy Efficiency and Net-Zero Emission challenges.

Your One-stop solution to all Energy needs.



CLIENT CHALLENGES

- Increased Electricity Bills and Penalty Costs imposed by Power Companies.
- Recurring Machine Faults which affects production due to downtime.
- No Data list for specific consumption. (Machine wise data)
- Power Quality and Harmonics Issues.
- No awareness about Electrical & Fire Safety Standards.
- Lack of Solar Efficiency & Solar Power Quality Issues.
- Maximum Reactive Power Losses

BNN POWER SOLUTIONS

- To Consult, Recommend and Source new technological advancements in Energy Industry.
- Industry-wide Compliances (eg. CEA 2023, Energy Conservation (ECBC) Act 2017 etc.)
- Annual Power Quality Compliance for Solar & Renewable Energy Plants CEA 2019 Amendment & MSEDCL compliance requirements
- To evaluate & optimize total consumption to minimize energy exploitation and achieve Energy Efficiency.
- To analyze machine wise specific consumption and identify Energy Losses with on-site solutions reduce them.
- To provide 100% guaranteed solutions to reduce Monthly Electricity Bill and reduce Maintenance Costs.
- To identify Faults and machine Malfunctions to prevent major machine breakdowns.
- To analyze client's present Electrical setup for hazardous spots and offer solutions.

Lets Work Together!

www.bnnpower.in

info@bnnpower.in

Plot No. 6, Satyam Industrial
Estate, Station Road, Govandi,
Mumbai - 400088, Maharashtra



 +91-9323183173

 info@bnnpower.in

B.E.E. Empanelment



ऊर्जा दक्षता ब्यूरो
(भारत सरकार, विद्युत मंत्रालय)
BUREAU OF ENERGY EFFICIENCY
(Government of India, Ministry of Power)



17/05/ESCO/19-20/2793-849

24th August, 2023

Mr. Sudhir Modak,
Managing Director,
M/s. BNN Power,
6, Satyam Industrial Estate,
Station Road, Govandi, Mumbai - 400088, Maharashtra

Sub: Empanelment of Energy Service Company (ESCO)

Dear Sir,

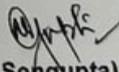
This has reference to your application for empanelment/ re-empanelment as an Energy Service Company with BEE in response to our advertisement for re-empanelment and fresh empanelment of ESCOs in the month of April, 2023.

Consequent to scrutiny and evaluation of your documents by SEBI accredited Rating Agencies CRISIL /CARE /ICRA in terms of the approved parameters for evaluation, BEE is pleased to inform that your company Name of ESCO has qualified for empanelment with BEE as a Grade 2 Energy Service Company (ESCO). This empanelment would be effective from 25th August, 2023 and will be valid till 24th August, 2025.

Further, the list of all the empanelled ESCOs along with grade assigned by CRISIL /CARE/ICRA is uploaded on its website (www.beeindia.gov.in) for use by State/Central government/Public Sector agencies as well as by any other agency interested in implementing energy efficiency projects on ESCO mode.

Please acknowledge your acceptance to this letter.

Yours faithfully,


(Arijit Sengupta)
Director

स्वहित एवं राष्ट्रहित में ऊर्जा बचाएँ Save Energy for Benefit of self and Nation

चौथा तल, सेवा भवन, आर० के० पुरम, नई दिल्ली-110066, वेबसाईट/Website : www.beeindia.gov.in
4th Floor, Sewa Bhawan, R.K. Puram, New Delhi-110 066, दूरभाष/Tel. : 91 (11) 26766700, फ़ैक्स/Fax : 91 (11) 20867402



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Client Testimonials & illustrative Client List



TEXMO
Borewell Submersibles
Single Phase Domestic Pumps
Single Phase Jet Pumps



AQUASUB ENGINEERING
FOUNDRY DIVISION



AQUATEX
Agricultural Monoblocs
Open-well Submersibles
Pressure Boosting Systems

DATE : 07.12.2018

PERFORMANCE REPORT

THE PERFORMANCE OF THE BNN POWER MAKE OIL COOLED
“ MIXED LOAD ENERGY SAVER “ OF RATING 210 KVA, 3 PHASE FOR
MIXED POWER LOAD, SUPPLIED BY M/s BNN POWER IS SATISFACTORY
AND THE POWER SAVING OBSERVED IS BETWEEN 10% TO 12%

THANKS AND REGARDS

FOR AQUASUB ENGINEERING FOUNDRY DIVISION

C.SATHYAMURTHY
V.P – FOUNDRY DIVISION

SHIRKE RECREATION ENTERPRISE

SHIRKE[®]

Mumbai Address : C.T.S. No.128/A/59/1, Behind D-Mart,
Mahavr. Nagar, Kandivali (West) Mumbai - 400 057
Tel: [REDACTED] Email: [REDACTED]

Date: 19/05/2023

To,

M/s. BNN POWER

Devnar, Govandi

Mumbai - 4000 88.

Sub: Work Completion & Performance WO No. - 533(CSQ 1657) Letter of 'Electrical Energy, Power Quality & Safety Audit' Work Completion & Performance.

Dear Sir,

This is in regard to the 'Electrical Energy, Power Quality, and Safety Audit' undertaken by B N N POWER at the Mumbai Cricket Association's Sachin Tendulkar Gymkhana & Recreation Centre in Kandivali, Mumbai. On the following technical grounds, we adhere to BNN POWER's suggestions and recommendations:

- 1) Increased power quality.
- 2) Energy conservation for lower electricity bills.
- 3) Reactive power management.
- 4) Fault analysis & recommendations for safety.

The energy audit work completed and Audit report recived to us. Energy Audit performance was found satisfactory. We appreciate the work carried out by BNN POWER.

We look forward for similar technical support to us in future and wish company continue success.

Best Regards,

[REDACTED]
Chief Engineer



Mumbai Cricket Association - Sachin Tendulkar Gymkhana

Mahavir Nagar, Kandivali (West)

Mumbai - 400067

Tel: [REDACTED] Ext. No. [REDACTED]

Mobile Number: [REDACTED]

ALL ENERGY AUDIT ILLUSTRATIVE CLIENT LIST

Sr. No.	Client Type of Business	Type of Business	Load in KVA	Qty.
MEDICAL/PHARMA SECTOR				
1	Gloabal Hospital, Parel, Mumbai	Hospital	1200	1
2	Hira Mongi Hospital, Mulund, Mumbai	Hospital	180	1
3	Life Line Hospital, Pune	Hospital	50	1
4	Lion Hospital, Navi Mumbai	Hospital	40	1
5	Fortis Hospital, Mulund, Mumbai	Hospital	1500	1
6	Upasani Super Specialty Hospital, Mulund	Hospital	150	1
7	Shushrusha Hospital, Nerul	Hospital	65	1
8	Life Care Hospital, Thane	Hospital	60	1
9	Sawant Nursing Home, Nerul	Hospital	25	1
10	Anurag Nursing Home, Nerul	Hospital	35	1
11	HCG Hospital, Bangalore	Hospital	190	1
12	MCGM - Dr. Anandibai Joshi Hospital, Kurla,	Hospital	75	1
13	MCGM - Dr. Anandibai Joshi Hospital, Kurla,	Hospital	75	1
14	MCGM - Maa Hospital, Chembur, Mumbai	Hospital	130	1
15	MCGM - Meenatai Thakre Hospital, Mumbai	Hospital	100	1
16	MCGM - Ramabai Ambedkar Hospital, Mumbai	Hospital	95	2
17	MCGM - Shatabdi Hospital, Govandi, Mumbai	Hospital	430	1
18	MCGM - Jumbo Covid Hospital BKC, Mumbai	Hospital	1600	Phase I & II
19	MCGM – Rajawadi Hospital, Ghatkopar, Mumbai	Hospital	350	1
20	MCGM – GTB Hospital- Shiwri, Mumbai	Hospital	80	1
21	SRV Hospital, Chembur	Hospital	250	1
22	New Rekha Chemicals Pvt Ltd., Dombivali	Chemical	300	1
23	TATA 1MG Technologies Limited	Pharmacy Labs	50-200	42
24	Metallurgical Testing Services, Mumbai	Laboratory	100	1
25	Shreecham Laboratory, Navi-Mumbai	Laboratory	200	1
26	Cipla Limited, Vikhroli, Mumbai	Pharmaceutical	1400	1
27	Aarti drugs Ltd.- Tarapur, Palghar	Pharmaceutical	210-730	6
28	Yashraj Biotechnologies LTD., Mavi-Mumbai	Pharmaceutical	300-500	3
29	Bharat Serum Ltd., Navi-Mumbai	Pharmaceutical	800	1
30	Watson Pharmaceuticals Ltd, Badlapur	Pharmaceutical	840	1
31	Kilitch Healthcare Pvt. Ltd	Pharmaceutical	500	1
32	V.V. Pharma Pvt Ltd.	Pharma/ Mft.	400	1
33	Thermofisher scientific, Mumbai	Healthcare	135	1
MANUFACTURING/PACKAGING SECTOR				
34	Indofill Industries Ltd., Thane	Manufacturing	1200	1
35	Fibre Foils Limited, Khopoli, Raigad	Manufacturing	600	1
36	Vertiv Ltd., Ambarnath MIDC	Manufacturing	625	1
37	Advanced Bolting Solutions Pvt Ltd., Navi-Mumbai	Manufacturing	120	1
38	New Age Fire Protection Industries Ltd., Khopoli	Manufacturing	450	1
39	Apex Technoplasts Pvt. Ltd, Khopoli	Manufacturing	500	1

40	Mansons Internationals, Taloja MIDC, Panvel	Manufacturing	600	1
41	Interfab Electronics, Navi-Mumbai	Manufacturing	200	1
42	Bhalaria Metal Craft Pvt Ltd., Bhayandar, MH	Manufacturing	210	1
43	Neutech Sintered Products Pvt Ltd., Boisar	Manufacturing	300	1
44	Pawan Hans Ltd., Mumbai	Manufacturing	300	1
45	Sims Ceramics Ltd, Morbi	Manufacturing	400	1
46	Simpolo Vitrified Pvt Ltd., Morbi	Manufacturing	350	1
47	V3 Industries, Gujrat	Manufacturing	-	1
48	Nestle India Limited, Mysore, Karnataka	Dairy	650	1
	Sumul Dairy – Surat, Gujarat	Dairy	1100	1
49	Amul Ltd. – Ananad Gujarat & Vasai Thane	Dairy	1600	2
50	Nestle India Limited, Mysore, Karnataka	Dairy	650	1
51	Times of India – Airoli , Kerala	Printing	170 & 850	2
52	Lokmat Ltd. – Mahape, Nashik, Aurangabad, Jalgaon, Latur, Mumbai, Solapur, Pune	Printing	240-480	8
53	Prudent Arts & Fab Pvt Ltd., Navi-Mumbai	Printing	200	1
54	Reliable Analytics Pvt Ltd., Bhiwandi , Thane	Calibration Lab	350	1
55	Tata Steel – Tarapur, Palghar	Steel	2600	1
56	Shivam Steels & Tubes Ltd., Atgaon	Steel	350	1
57	Venus wires Ltd.,Khopoli	Steel	730	1
58	Aquasub Engg. Ltd.- Coimbatore	Foundry	800&1700	3
59	Time Technoplast Ltd., Mumbai	Plastic Industry	450-700	4
60	VKM Foods Pvt Ltd., Taloja MIDC, Panvel	Seafood	580	1
61	Simpolo Ceramics – Morbi, Gujarat	Tiles Industry	1700	1
TEXTILE SECTOR				
62	Arvind Mills Ltd. - Ahmedabad, Gujarat	Textile	800	1
63	Juliet apparels - Karnataka	Textile	715	1
64	Shiv Shankar Textiles, Navi-Mumbai	Textile	600	1
65	Kanhayya Texport, Solapur	Textile	800	1
66	Arvind Fashion Industries Ltd., Bangalore	Garments	1000	1
67	Laxmi Spinners, Solapur	Textile	500	1
68	Bolli Cotton & Spinners, Solapur	Textile	200	2
69	Anisha Silk Mill Pvt. Ltd., Gujarat	Textile	300	1
70	Limon Process, Navi-Mumbai	Textile	600	1
CORPORATE/OFFICE SECTOR				
71	Canara Bank – Mumbai & Suburbs	Banking	14-65	48
72	Bank of Maharashtra, Mumbai	Banking	80	1
73	Hotel Tanish Taloja	Hotel	100	1
74	Hotel Marine Plaza, Fort, Mumbai	Hotel	180	1
75	Hotel Grand Central, Chembur	Hotel	120	1
76	K Star Mall, Chembur	Shopping	300	1
77	Bharat Diamond Ltd., BKC, Mumbai	-	-	1
78	Brocade Communication, Bangalore	Offices	-	1
79	Bhavaria Motors Ltd. - Goa	Automobile	60-170	7
80	Wonder cars – Pune	Automobile	30-75	8
SPORTS SECTOR				

81	Airoli Sports Club Association, Navi Mumbai	Sports Club	600	1
82	Mumbai Cricket Association's Sharad Pawar Stadium – BKC, Mumbai	Cricket Stadium	900	1
83	Mumbai Cricket Association's Sachin Tendulkar Gymkhana – Kandivali, Mumbai	Sports Club	800	1
84	Jolly Gymkhana - Ghatkopar, Mumbai	Sports Club	700	1
EDUCATION SECTOR				
85	Pawar public School, Bhandup, Mumbai	School	290	1
86	Podar International School, Bhiwandi, Thane	School	200	2
87	ITM college Nerul & Kharghar, Navi Mumbai	College	430	1
88	NES Ratnam College, Mumbai	College	180	1
89	Anglo Eastern Merytime Academy, Khopoli	College	350	1
PUBLIC/GOVERNMENT/MUNICIPAL CORPORATIONS				
90	NMMC – CBD Belapur Pump House	Pump House	2000	1
91	NMMC – Sewage Treatment Plant	Pump House	500-800	4
92	MSRTC Ltd. – All over Maharashtra Depo	Transport	45-180	9
93	Airport Authority of India, Bangalore	Aviation	950	2
94	Canteen Stores Department (Military Building), Churchgate Mumbai	Office	75	1

Manufacturing Division Clients

VALUABLE CLIENT LIST

- ▶ AARTI DRUGS LIMITED – Boisar, Maharashtra
- ▶ AARTI INDUSTRIES LIMITED – Vapi, Gujarat
- ▶ AHMEDABAD MUNICIPAL CORPN. – Ahmedabad, Gujarat
- ▶ AIRPORT AUTHORITY OF INDIA – Baroda, Gujarat
- ▶ APOLLO TYRES LIMITED – Baroda, Gujarat
- ▶ ALIVIRA ANIMAL HEALTH LTD. – Visakhapatnam
- ▶ ASIAN PAINTS LIMITED – Mumbai, Maharashtra
- ▶ AQUASUB ENGINEERING LTD. – Coimbatore, Tamilnadu
- ▶ BALKRISHNA PAPER MILLS LTD. – Kalyan, Maharashtra
- ▶ BHARAT ALU. COMPANY LIMITED – Korba, Chhattisgarh
- ▶ BOMBAY RAYON FASHION INDUSTRIES LTD. – Boisar, MH
- ▶ CEAT TYRES LTD. – Nasik, Maharashtra
- ▶ CENTRAL RAILWAY – Mumbai, Maharashtra
- ▶ CIDCO LIMITED – Navi mumbai, Maharashtra
- ▶ CLASSIC STRIPS PVT. LTD. – Vasai, Maharashtra
- ▶ DEEPAK NITRITE LTD. – Baroda, Gujarat
- ▶ DHARA ELECTRICALS – Gujarat
- ▶ DORF KETAL SPECIALITY CATALYST PVT. LTD. – Gujarat

- ▶ DENCO ENTERPRISES INDIA (P) LTD. – Gujarat
- ▶ ENERCON INDIA LTD. – Daman, UT
- ▶ EPCOS INDIA PVT. LTD. – Nasik, Maharashtra
- ▶ GHCL LIMITED – Bhilad-Vapi-Gujarat
- ▶ GUJRAT STATE ELECTRICITY CORPN. LTD. – Gujarat
- ▶ GUJRAT STATE FERTILIZER CO. LTD. – Baroda, Gujarat
- ▶ JSW STEEL LIMITED – Boisar, Maharashtra
- ▶ JULIET APPARELS - All over India
- ▶ KONSTELEC ENGINEERS LTD. – Mumbai, Maharashtra
- ▶ HNG FLOAT GLASS LIMITED – Halol, Gujarat
- ▶ INDIAN OIL CORPORATION LTD. – Bhivandi, Maharashtra
- ▶ LAKE CHEMICALS - Bangalore
- ▶ LOHA ISPAAT LIMITED – Khopoli, Maharashtra
- ▶ MAHINDRA & MAHINDRA LTD. – Pune, Maharashtra
- ▶ MANDHANA INDUSTRIES LTD. – Boisar, Maharashtra
- ▶ NESTLE INDIA LIMITED – Mysore, Karnataka
- ▶ NILKAMAL LIMITED – Silvassa, UT
- ▶ NHPC LIMITED – Boisar, Maharashtra
- ▶ NTC MILLS LIMITED – Ahmedabad, Gujarat



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- ▶ PIRAMAL HEALTHCARE LTD. – Mahad, Maharashtra
- ▶ PRINTAGE ENTERPRISES – Gujarat
- ▶ RELIABLE ELECTRICAL WORKS – Panvel, Maharashtra
- ▶ SABERO ORGANICS GUJARAT LTD. – Valsad, Gujarat
- ▶ SESA STERLITE LTD. – Jharsuguda, Orissa
- ▶ STERLING ELECTRO ENTERPRISES PVT. LTD. – Thane, MH
- ▶ SHINGORA TEXTILES LTD. – Ludhiana, Punjab
- ▶ SHROFF & ASSOCIATES – Mumbai, Maharashtra
- ▶ SIMS CERAMIC PVT. LTD. – Morbi, Gujarat
- ▶ SUBMILLAR INDIA LTD. – Aurangabad, MH
- ▶ SUDARSHAN CHEMICAL INDUSTRIES LTD. – Roha, MH
- ▶ STERLING & WILSON PVT. LTD. – Mumbai, Maharashtra
- ▶ TATA MOTORS LTD. – Sanand, Gujarat
- ▶ TATA STEEL LTD. – Boisar, Maharashtra
- ▶ TIME TECHNOPLAST LTD. - All over India plants
- ▶ USV LIMITED – Baddi, Khed
- ▶ VARDHMAN ACRYLICS LTD. – Bharuch, Gujarat
- ▶ VISAKHAPATNAM STEEL LTD. – Vizag
- ▶ WATSON PHARMA LTD. – Thane, Maharashtra