



 **SUPER STAR**  
**SOLAR**

Project  
**PROFILE**

# SUPER STAR SOLAR

## Energizing Brighter Future

Super Star Solar, a proud concern of Super Star Group, carries forward a legacy of excellence that spans over three decades. From the very beginning, Super Star has been a symbol of progress—constantly evolving, embracing innovation, and driving change across industries in Bangladesh. Today, with **13 years** of continuous support of renewable energy, Super Star Solar stands at the forefront of that legacy, leading the nation's transition toward clean, renewable energy.

Rooted in a deep commitment to **quality, sustainability, and meaningful impact**, we are powering lives across the country. With **over 4,00,000 home solar systems**, we're bringing reliable and affordable clean energy into the heart of everyday life. In agriculture, **500+ solar irrigation pumps** are revolutionizing traditional practices—boosting productivity and sustainability for farmers across the land.

Our **250+ on-grid rooftop projects** are helping industries and institutions reduce both costs and carbon emissions. Meanwhile, **350+ off-grid solutions** are bringing light and opportunity to communities that have long remained beyond the reach of the national grid.

We've installed **350+ solar-powered drinking water systems**, ensuring safe, clean water for vulnerable areas. And with **over 100 hospitals and healthcare facilities** now powered by solar, we're helping safeguard lives—even in the face of power outages. Our **2,500+ solar street lighting systems** are illuminating roads, public spaces, and entire communities—making cities safer and smarter.

At Super Star Solar, we don't just install panels—we **empower progress**. Every solution we deliver is a step toward a greener, more resilient, and more equitable Bangladesh. With decades of trust behind us and a bold vision for tomorrow, we remain steadfast in our mission.

**Because when energy becomes empowerment, Bangladesh doesn't just move forward—it becomes unstoppable.**

## Mission

To provide innovative solar energy solutions that delight customers, ensuring quality, sustainability, and excellence in every endeavor.

## Vision

To be the most contemporary renewable energy provider in Bangladesh and beyond, delivering innovative solar solutions that empower communities and contribute to a sustainable future.



# ON GRID PROJECTS





**Annual  
Generation:  
17,280,743 kWh**



**Project  
Capacity:  
13,527 kWp**

**Akij Ceramics Ltd.**

Trishal, Mymensingh



**Annual Carbon (CO<sub>2</sub>)  
Reduction:  
27,649 Tons**



**Financial Benefits  
Per Year:  
185.77 Million BDT**



**Annual  
Generation:  
3,193,750 kWh**



**Project  
Capacity:  
2,500 kWp**

**Fariha Knittex Ltd.**

Narayanganj



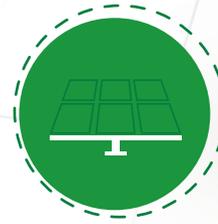
**Annual Carbon (CO<sub>2</sub>)  
Reduction:  
2,868 Tons**



**Financial Benefit  
Per Year:  
34.33 Million BDT**



**Annual  
Generation:  
2,925,475 kWh**



**Project  
Capacity:  
2,290 kWp**

**Pacific Jeans Ltd.**

CEPZ, Chattogram



**Annual Carbon (CO<sub>2</sub>)  
Reduction:  
4,681 Tons**



**Financial Benefits  
Per Year:  
31.45 Million BDT**



**Annual  
Generation:  
1,616,037.5 kWh**



**Project  
Capacity:  
1,265 kWp**

**Kenpark Apparels Ltd.**

KEPZ, Chattogram



**Annual Carbon (CO<sub>2</sub>)  
Reduction:  
2,586 Tons**



**Financial Benefits  
Per Year:  
17.37 Million BDT**



**Annual  
Generation:  
1,533,000 kWh**



**Project  
Capacity:  
1,200 kWp**

**Jashore University of  
Science & Technology**  
Jashore



**Annual Carbon (CO<sub>2</sub>)  
Reduction:  
2,453 Tons**



**Financial Benefits  
Per Year:  
16.48 Million BDT**



**Annual  
Generation:  
1,277,500 kWh**



**Project  
Capacity:  
1,000 kWp**

**Echotex Ltd.**

Chandra, Gazipur



**Annual Carbon (CO<sub>2</sub>)  
Reduction:  
2,100 Tons**



**Financial Benefits  
Per Year:  
13.73 Million BDT**

# Solar Irrigation System





**Organization:  
BMDA**

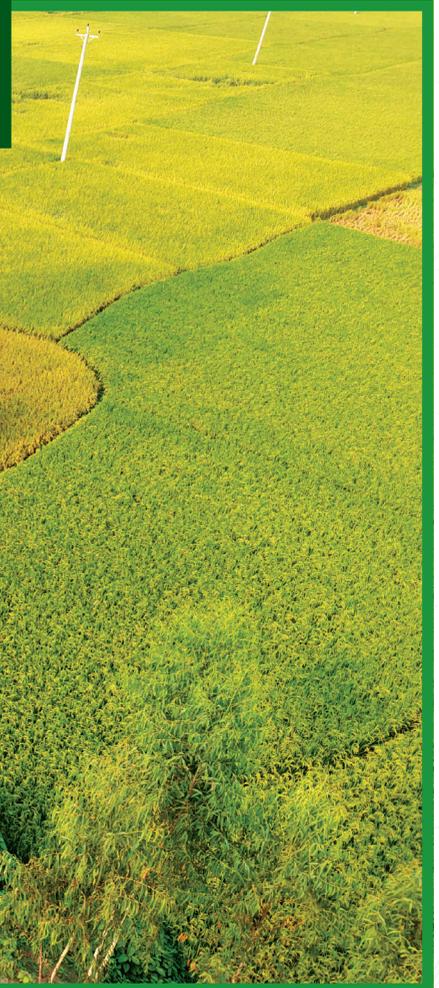


**Water Discharge:  
2 Cusec/Day**



**Pump Capacity:  
11 Kw**

**Enhancement of Irrigation Through Surface Water  
Augmentation in Greater Dinajpur & Joypurhat  
District (GDJIP)  
Thakurgaon, Dinajpur & Panchagarh**



**Fuel Cost Savings  
Per Year:  
1,497,600 BDT**



**Annual Carbon (CO<sub>2</sub>)  
Reduction:  
43 Tons**



**Coverage:  
80 Bigha**



**Organization:  
BMDA**



**Water Discharge:  
1 Cusec/Day**



**Pump Capacity:  
7.5 Kw**

**Program on Agricultural and Rural Transformation  
for Nutrition, Entrepreneurship, and Resilience in  
Bangladesh (PARTNER)  
Rajshahi, Bogura & Naogaon**



**Fuel Cost Savings  
Per Year:  
936,000 BDT**



**Annual Carbon (CO<sub>2</sub>)  
Reduction:  
35 Tons**



**Coverage:  
50 Bigha**



**Organization:  
BMDA**



**Water Discharge:  
2 Cusec/Day**



**Pump Capacity:  
11 Kw**

**Extension of Irrigation in Barind Area Through  
Conservation of Water in Canal (EIBA)**

Chapainababganj, Rajshahi & Naogaon



**Fuel Cost Savings  
Per Year:  
1,497,600 BDT**



**Annual Carbon (CO<sub>2</sub>)  
Reduction:  
43 Tons**



**Coverage:  
80 Bigha**



**Organization:**  
**BADC**



**Water Discharge:**  
**1 Cusec/Day**



**Pump Capacity:**  
**7.5 Kw**

**Minor Irrigation Development Project by Using  
Solar Energy (MIDPS)**

Different Districts in Bangladesh



**Fuel Cost Savings  
Per Year:**  
**936,000 BDT**



**Annual Carbon (CO<sub>2</sub>)  
Reduction:**  
**35 Tons**



**Coverage:**  
**50 Bigha**



**Organization:**  
**BADC**

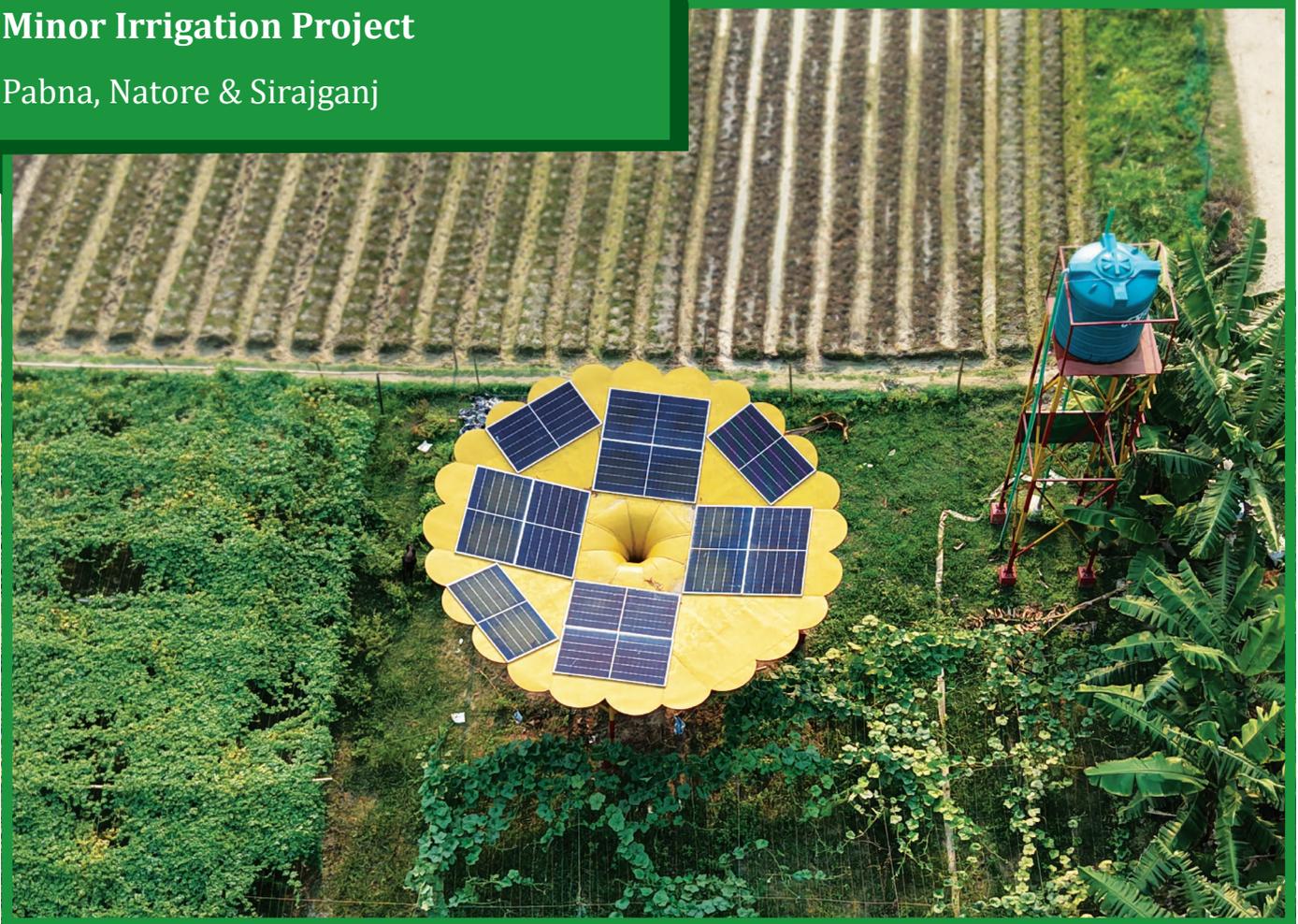


**Water Discharge:**  
**21,000 Liters/Day**



**Pump Capacity:**  
**4 Kw**

**Pabna-Natore-Sirajgonj (PANASI)**  
**Minor Irrigation Project**  
Pabna, Natore & Sirajganj



**Fuel Cost Savings**  
**Per Year:**  
**374,400 BDT**



**Annual Carbon (CO<sub>2</sub>)**  
**Reduction:**  
**13 Tons**



**Coverage:**  
**3-4 Acres**  
**For Vegetable Fields**



**Organization:  
DAE**



**Water Discharge:  
12,000 Liters/Day**



**Pump Capacity:  
1 Hp/0.74 Kw**

**Flood Reconstruction Emergency  
Assistance Project (FREAP)**

Sylhet, Habiganj & Sunamganj



**Fuel Cost Savings  
Per Year:  
31,200 BDT**



**Annual Carbon (CO<sub>2</sub>)  
Reduction:  
2 Tons**



**Coverage:  
2 Acres  
For Garden**



**Organization:  
DAE**



**Water Discharge:  
0.5 Cusec/Day**



**Pump Capacity:  
7.5 Hp/ 5.5 Kw**

**Flood Reconstruction Emergency  
Assistance Project (FREAP)**

Sylhet, Habiganj & Sunamganj



**Fuel Cost Savings  
Per Year:  
561,600 BDT**



**Annual Carbon (CO<sub>2</sub>)  
Reduction:  
20 Tons**



**Coverage:  
30 Bigha**

# NGO PROJECTS





**Annual  
Generation:  
255,500 kWh**



**Expected Number  
of Beneficiaries:  
108,000/Year**

## **200 kWp BESS Solar Hybrid System**

District Sadar Hospital, Cox's Bazar

**Client Name: UN-IOM**



**Annual Carbon (CO2)  
Reduction:  
420 Tons**



**Technical Info:  
Capacity: 200kWp  
Battery Bank: 430 kWh (LiFePO4)**



**Annual  
Generation:  
229,950 kWh**



**Expected Number  
of Beneficiaries:  
40,000/Year**

## 180 kWp Hybrid Solar System

Kutupalong Camp 20 Ext. Health Care Facility Refugee Camp

**Client Name: UN-IOM**



**Annual Carbon (CO<sub>2</sub>)  
Reduction:  
387 Tons**



**Technical Info:  
Capacity: 180 kWp  
Battery Bank: 590 kWh.**



**Annual  
Generation:  
50,500 kWh**



**Expected Number  
of Beneficiaries:  
1,600 Household & Institution and  
16,000 Population Each Site**

## **Solarization of Water Desalination Plant**

Teknaf and Kutubdia

**Client Name: : UNICEF NGOF for Public Health**



**Annual Carbon (CO2)  
Reduction:  
300 Tons**



**Technical Info:  
8 Nos Desalination Plant Each  
33 kWp Solar with Pump Controller**



**Annual  
Generation:  
1,034,775 kWh**



**Expected Number  
of Beneficiaries:  
2,800,000/Year**

**8.1 kWp Hybrid Solar System with Water pump**

Under Ukhiya, Teknaf, Ramu, Chakoria, Pekua & Moheshkhali Area

**Client Name: UN-IOM**



**Annual Carbon (CO2)  
Reduction:  
1,701 Tons**



**Technical Info:  
100 Nos Community Clinic  
Each 8.1 kWp**



**Annual  
Generation:  
51,100 kWh**



**Expected Number  
of Beneficiaries:  
7,500/Year**

## **42 kWp Hybrid Solar System**

Bhasan Char 20 Bed Hospital, Noakhali

**Client Name: UNHCR**



**Annual Carbon (CO<sub>2</sub>)  
Reduction:  
84 Tons**



**Technical Info:  
Capacity: 42 kWp,  
Battery bank: 253 kWh**



**Annual  
Generation:  
226,536 kWh**



**Expected Number  
of Beneficiaries:  
2,800,000/Year**

### **Hybrid Solar System with Lithium ION Battery**

7 Upazila Hospitals in Teknaf, Ukhiya, Ramu, Chakoria,  
Pekua, Kutubdia, Moheshkhali and Camp-11 Refugee Camp Cox's Bazar

**Client Name: UNICEF**



**Annual Carbon (CO2)  
Reduction:  
368 Tons**



**Technical Info:  
11 Nos UHC, Each 25 kWp  
with LiFePO4 Battery Bank**

# Solar Mini Grid Project

**Client Name: BREB-ADB**

All over the Refugee Camp, Ukhiya, Cox's Bazar



**Capacity:**

**2000 Nos Street Light**

**50 Nos Project Each 3.9 kWp**

# Solar Street Light

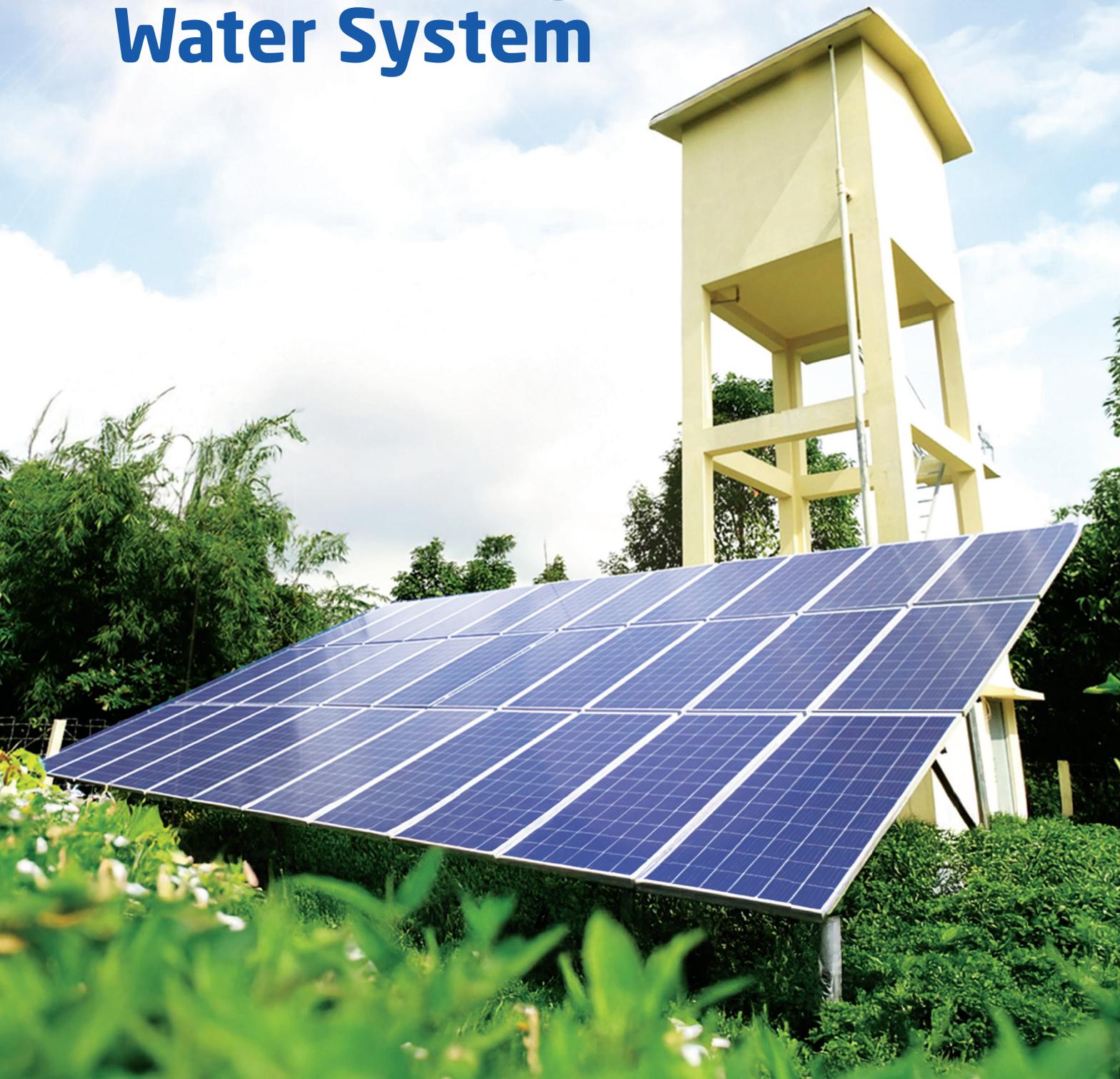
**Client Name: RAJUK**

Uttara, Dhaka City, Dhaka, Bangladesh



**Capacity:**  
**190 Nos, 30 Watt light**  
**Total 24.7 kWp**

# Solar Drinking Water System





**Water Discharge:  
80,000 Liter/Day**



**Expected Number  
of Beneficiaries:  
4,000 Families**

## **5.5 Hp Solar Drinking Water Pumping System**

Ukhiya, Cox's Bazar

**Client Name: BRAC**



**Capacity:  
5.5 Hp Solar Drinking  
Water Pumping System**



**Water Discharge:  
180,000 Liter/Day**



**Expected Number  
of Beneficiaries:  
12,000 Families**

## **15 Hp Solar Drinking Water Pumping System**

Refugee Camp, Cox's Bazar

**Client Name: IFRC**



**Capacity:  
15 Hp Solar Drinking  
Water Pumping System**

## All Projects

### On-Grid Rooftop

Sl.	Project's Name	Locations	Capacity (kWp)	Project Type	Industry Type
1	Akij Ceramics Limited	Trishal	13527	CapEx	Industrial Materials
2	Fariha Knit Tex Limited (Asrotex)	Narayanganj	2500	CapEx	RMCG
3	Pacific Jeans Limited	CEPZ	1800	CapEx	RMCG
4	Kenpark Apparels Limited	KEPZ	1265	CapEx	RMCG
5	Echotex Limited	Gazipur	1200	CapEx	RMCG
6	Jashore University of Science & Technology	Jashore	1200	OpEx	University
7	PHP Spinning Mills Limited	Chattogram	1075	CapEx	RMCG
8	Naturub Accessories Bangladesh (PVT) Limited	KEPZ	1000	CapEx	RMCG
9	Padma Blowing Limited	Barishal	817	CapEx	Industrial Materials
10	Paragon Group	Thakurgaon	801	CapEx	Poultry
11	Al-Muslim Group	Savar	700	CapEx	RMCG
12	Debonair Group	Ashulia	548	CapEx	RMCG
13	P.A Knit Composite Limited	Gazipur	500	CapEx	RMCG
14	Pacific Recycle Fiber Limited	Chattogram	490	CapEx	RMCG
15	BM Container Depot Ltd. (Smart Group)	Chattogram	385	CapEx	Industrial Materials
16	Xclusive Can Limited	Tongi	384	CapEx	Industrial Materials
17	BRAC University	Dhaka	382	CapEx	University
18	PHP Ship Breaking & Recycling Industries Limited	Shitalpur, Chattogram	381	CapEx	Ship Breaking Industry
19	Aspire Garments Limited	Hemayetpur	363	CapEx	RMCG
20	Eskayef Pharmaceuticals Ltd. (Tongi)	Tongi	330	CapEx	Pharmaceuticals
21	SSG Fan Limited	Munsiganj	280	CapEx	Industrial Materials
22	Eskayef Pharmaceuticals Limited	Gazipur	240	CapEx	Pharmaceuticals
23	Cotton Club BD Limited	Gazipur	203	CapEx	RMCG
24	East West University	Aftabnagar	178	CapEx	University
25	Padma Lamitube Limited	Savar	172	CapEx	Industrial Materials
26	Vision Knit Composite Limited	Savar	171	CapEx	RMCG
27	Oddesa Fashions Limited	Gazipur	169	CapEx	RMCG
28	Linde Bangladesh Limited	Narayanganj	144	CapEx	Industrial Materials
29	Vision Washing Limited	Savar	121	CapEx	RMCG
30	Novartis Bangladesh Limited	Tongi	101	CapEx	Pharmaceuticals
31	Drug International Limited	Tongi	100	CapEx	Pharmaceuticals

## Irrigation Projects

Sl.	Project's Name	Locations	Water Discharge	Quantity (Nos)	Client
32	Enhancement of Irrigation Through Surface Water Augmentation in Greater Dinajpur & Joypurhat District	Thakurgaon, Dinajpur & Panchagarh	2 Cusec	125	BMDA
33	Expansion of Irrigation in Natore District Through Best Uses of Surface Water and Conservation of Rain Water	Natore	2 Cusec	15	BMDA
34	Extension of Irrigation in Barind Area Through Conservation of Water in Canal	Chapainababganj, Rajshahi, Naogaon	2 Cusec	50	BMDA
35	Extension of Irrigation Facilities by Augmentation of Surface Water and Mitigation of Water Logging in Bagha, Charghat & Paba Upazila of Rajshahi District	Rangpur & Nilphamari	2 Cusec	10	BMDA
36	Program on Agricultural and Rural Transformation for Nutrition, Entrepreneurship and Resilience in Bangladesh (PARTNER)	Rajshahi, Bogura & Naogaon	2 Cusec	31	BMDA
37	Program on Agricultural and Rural Transformation for Nutrition, Entrepreneurship and Resilience in Bangladesh (PARTNER)	Rajshahi, Bogura & Naogaon	2 Cusec	48	BMDA
38	Pabna Natore Sirajgonj Districts Irrigation Development Through Surface Water Project (PANASI)	Pabna, Natore & Sirajganj	1.5 Cusec	100	BADC
39	Establishment of Seed Multiplication Farm at South-Eastern Region of Bangladesh.	Feni	1.5 Cusec	10	BADC
40	Chattogram and Cox's Bazar District Irrigation Development Project Through Surface Water Utilization	Chittagong, Cox's Bazar	1.5 Cusec	10	BADC
41	Minor Irrigation Development Project by Using Solar Energy (MIDPS)	Different Districts in Bangladesh	1 Cusec	60	BADC
42	Cumilla-Chandpur-Brahmanbaria District Irrigation Area Development Project	Cumilla, Brahmanbaria & Chandpur	1 Cusec	50	BADC
43	Pilot Project of Surface Water Based Irrigation Expansion Model at Shaniajan Union of Hatibandha Upazila Under Lalmonirhat District	Lalmonirhat	1 Cusec	15	BADC
44	Mymensingh Division and Tangail & Kishoregonj District of Dhaka Division Minor Irrigation Development Project	Mymensingh Division	1 Cusec	10	BADC
45	Greater Faridpur Irrigation Area Development Project	Faridpur	1 Cusec	20	BADC
46	Lalmal-Mainamati Solar Irrigation Project	Cumilla	1 Cusec	10	BARD
47	Expansion of Irrigation in Natore District Through Best Uses of Surface Water and Conservation of Rain Water (EIND)	Natore	1 Cusec	20	BMDA
48	Program on Agricultural and Rural Transformation for Nutrition, Entrepreneurship and Resilience in Bangladesh (PARTNER)	Bogura and Naogaon	1 Cusec	51	BMDA

## Irrigation Projects

Sl.	Project's Name	Locations	Water Discharge	Quantity (Nos)	Client
49	Minor Irrigation Through Pond Re-Excavation & Surface Water Augmentation	Naogaon and Rajshahi District	1 Cusec	30	BMDA
50	Pilot Project of Surface Water Based Irrigation Expansion Model at Shaniajan Union of Hatibandha Upazila Under Lalmonirhat District	Lalmonirhat	0.5 Cusec	10	BADC
51	Minor Irrigation Development & Irrigation Efficiency Enhancement Project Through Surface Water Conservation In Rangpur Area	Rangpur & Nilphamari	0.5 Cusec	30	BADC
52	Enhancing Crop Production Through Extension of Solar Energy and Modern Water Saving Technologies Pilot Project	Different Districts in Bangladesh	0.5 Cusec	16	DAE
53	Minor Irrigation Development Project by Using Solar Energy	Sunamganj, Sylhet & Jamalpur	0.5 Cusec	40	BADC
54	Mujibnagar Irrigation Development Project	Kushtia, Meherpur and Chuadanga	0.5 Cusec	10	BADC
55	Climate Smart Agriculture and Water Management	All Over Bangladesh	0.5 Cusec	57	DAE
56	Flood Reconstruction Emergency Assistance Project	Sylhet and Sunamganj	0.5 Cusec	66	DAE
57	Programme for Removing Waterlogged Area for Minor Irrigation Development at Subornachar Upazila Under Noakhali District	Noakhali	0.5 Cusec	10	BADC
58	Pabna, Natore & Sirajgonj District's Irrigation Development Through Surface Water Project	Pabna, Natore & Sirajganj	5 LPS	85	BADC
59	Enhancement of Irrigation Through Surface Water Augmentation in Greater Dinajpur & Joypurhat District	Joypurhat, Dinajpur, Thakurgaon and Panchagarh	5 LPS	30	BADC
60	Mujibnagar Irrigation Development Project	Kushtia, Meherpur and Chuadanga	5 LPS	30	BADC
61	Extension of Irrigation facilities by Augmentation of Surface Water and Mitigation of Water Logging in Bagha, Charghat & Paba Upazila of Rajshahi District	Pabna and Puthia	5 LPS	20	BMDA
62	Cumilla-Chandpur-Bramanbaria District Irrigation Area Development Project	Cumilla, Brahmanbaria & Chandpur	5 LPS	11	BADC
63	Minor Irrigation Through Pond Re-Excavation & Surface Water Augmentation	Naogaon and Rajshahi District	Net Metering	90	BMDA
64	Flood Reconstruction Emergency Assistance Project	Hobiganj, B.Baria, Netrokona, Kishoreganj, Moulavibazar, Sylhet and Sunamganj	Drip Irrigation	130	DAE

## Mini- Grid/ Hybrid/ Street Light/ Drinking Water (NGO) Projects

### Hybrid Projects

Sl.	Project's Name	Locations	Total Capacity	Quantity (Nos)	Client
65	Solar BESS System	Cox's Bazar Sadar	200 kWp	1	IOM
66	Solar Hybrid System	7 Upazilas of Cox's Bazar	120 kWp	7	UNICEF
67	Solar Hybrid System	Ukhiya, Cox's Bazar	156.88 kWp	5	UNHCR
68	Solar Hybrid System	Ukhiya, Cox's Bazar	38.88 kWp	5	UNHCR

### Off-Grid Projects

Sl.	Project's Name	Locations	Total Capacity	Quantity (Nos)	Client
69	Solar Hybrid System with Water Pumping System	All the Upazilas of Cox's Bazar	800 kWp	100	IOM
70	Solar Off Grid System	Ukhiya, Cox's Bazar	41.4 kWp	20	IOM
71	Solar Off Grid System	Ukhiya, Cox's Bazar	26.91 kWp	13	IOM
72	Solar Off Grid System	Ukhiya, Cox's Bazar	45.5 kWp	14	IOM
73	Solar Off Grid System	Ukhiya, Cox's Bazar	50 kWp	20	BRAC
74	Solar Off Grid System	Ukhiya, Cox's Bazar	155 kWp	38	HOPE
75	Solar Off Grid System	Bhasan Char Island, Noakhali	23 kWp	1	NGOF

### Minigrid Projects

Sl.	Project's Name	Locations	Total Capacity	Quantity (Nos)	Client
76	Solar Minigrid	Rohingya Refugee Camp, Ukhiya, Cox's Bazar	195 kWp	2000 Nos Street Light in 50 Nos Locations	BREB
77	Solar Minigrid	Rohingya Refugee Camp, Ukhiya, Cox's Bazar	120 kWp		2

### Nanogrid Projects

Sl.	Project's Name	Locations	Total Capacity	Quantity (Nos)	Client
78	Solar PV Nano	Rohingya Refugee Camp, Ukhiya, Cox's Bazar	283.5 kWp	35	LGED

### Drinking Water Projects

Sl.	Project's Name	Locations	Total Capacity	Quantity (Nos)	Client
79	Solar Drinking Water Project	Bagerhat, Pirojpur, Borguna & Satkhira	5.5 Hp to 15 Hp	200	DPHE
80	Solar Water Pumping System for Drinking Water	Ukhiya Cox's Bazar	10 Hp	1	IFRC
81	Solar Water Pumping System for Drinking Water	Ukhiya Cox's Bazar	5.5 Hp	1	BRAC
82	Solar Water Pumping System for Drinking Water	Ukhiya Cox's Bazar	15 Hp	1	IFRC

### Street Light Projects

Sl.	Project's Name	Locations	Total Capacity	Quantity (Nos)	Client
83	Solar Street Light	Ukhiya Cox's Bazar	20W	100	OXFAM
84	Solar Street Light	Ukhiya Cox's Bazar	20W	6	IFRC
85	Solar Street Light	Ukhiya Cox's Bazar	30W	130	IOM
86	Solar Street Light	Sirajganj Sadar	30W	10	VERC

# Team Activities

## Distributors Meet in SSG Center



## China Factory Visit



## Tech Meet - 2025



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