

COMPANY PROFILE 2026



U C C
www.uccpower.com



ABOUT US

Founded in 1999 and headquartered on Dhanmondi in Dhaka, UCC is dedicated to powering Bangladesh's sustainable future through our Renewable Energy & Power Business Unit while also advancing digital transformation via our renowned ICT distribution network.

Our Renewable Energy & Power Business Unit designs, engineers, and delivers turnkey solar EPC projects, ranging from rooftop and commercial installations to mini-grid systems and large-scale power plants, all equipped with energy-storage solutions. We also provide comprehensive lightning and surge protection systems. By collaborating with world-class partners such as Huawei, Sungrow, SMA, Fronius, Jinko Solar, JA Solar, Longi Solar, Trina Solar, Astronergy, REC, Canadian Solar, Victron Energy, and LPI, we integrate Tier-1 solar modules and inverters with top-tier engineering, procurement, and project management expertise. This allows us to offer reliable, eco-friendly energy solutions that benefit communities and businesses nationwide.

In addition to our green-energy initiatives, UCC is the leading authorized national distributor of IT hardware and consumer electronics in Bangladesh. With an extensive dealer network across Dhaka, Chittagong, Khulna, and beyond, we proudly represent premier brands including AMD, Acer, CP-Plus, D-Link, Geil, MSI, Sapphire, TeamGroup, Thermaltake, Transcend, ViewSonic, and Zotac. Our goal is to ensure that the latest technology reaches every corner of the country. Our dedicated UCC Care warranty and service centers, located at our Dhaka headquarters and various branch locations, provide swift and reliable after-sales support. Additionally, our sponsorship of major tech events, eSports tournaments, and hands-on workshops fosters a vibrant, knowledge-driven ecosystem for corporate clients, retailers, and end-users alike.

Serving customers across Bangladesh, we are committed to driving technological advancement and green-energy adoption through strategic partnerships, continuous innovation, and a strong focus on customer satisfaction.

OUR MISSION



MISSION

Our mission is to accelerate Bangladesh's journey toward a sustainable, technology-driven future by delivering reliable and affordable renewable energy and power solutions that uplift communities and industries across the nation. We are dedicated to designing and implementing state-of-the-art solar energy systems, energy storage solutions, and lightning protection systems that promote environmental stewardship and ensure energy accessibility in every corner of the country. In parallel, we empower businesses, institutions, and individuals with innovative IT and telecommunications products and services. Our goal is to bridge gaps in availability, enhance productivity, and make cutting-edge technology accessible to everyone. By placing customer-centric innovation, affordability, and sustainability at the core of our operations, we strive to transform lives and drive inclusive progress throughout Bangladesh.

OUR VISION



VISION

We envision a Bangladesh powered by clean and reliable energy. Our Renewable Energy and Power Business Unit is committed to leading the way in providing resilient solar, storage, and lightning protection systems that serve every home, industry, and community. At the same time, we foresee a nation transformed by innovative IT and telecommunications solutions that promote digital inclusion, enhance connectivity, and unlock new growth opportunities. By combining sustainable energy innovation with advanced technological infrastructure, we aim to build a self-reliant and forward-thinking society where progress and environmental stewardship go hand in hand—improving lives and redefining our country's potential.

ESTABLISHED IN: 1999

UCC at a Glance

Legal Name	UCC
Business Ownership Type	Proprietorship Business
Head Office	Dhanmondi, Dhaka
No. of Branches & Outlets	10 (Own Branches & Warehouse)
Employees	200+
Technical Staff	30
Contact Info	<p>Renewable Energy Business Unit Level-4, PR Tower, 924/1, Begum Rokeya Sharanee, Shewrapara, (In front of Metro Rail Station) Mirpur, Dhaka 1216, Bangladesh. IP Phone: +88 09610 202020 Ext. 290 +88 09613 202020 291 +88 09678 202020</p>

MESSAGE FROM THE Founder & CEO



For over two decades, UCC has been a trusted partner in Bangladesh's journey toward technological advancement and sustainable development. Since our founding in 1999, our mission has extended beyond commerce; we are dedicated to empowering communities, businesses, and institutions through innovation that combines progress with purpose.

With our UCC, Renewable Energy and Power Business Unit, we continually innovate solar energy solutions that illuminate homes, empower industries, and protect our environment—actively supporting Bangladesh's vision for a greener, more resilient future.

As Bangladesh confidently steps into a digital era, we are proud to be at the forefront of ICT solutions distribution. Our extensive nationwide network—built on enduring partnerships and unwavering trust—ensures that transformative hardware, consumer electronics, and mobility products reach every corner of the nation.

What inspires us most is the collective determination to overcome challenges. Whether advancing digital infrastructure or promoting sustainable energy, we focus on solutions that uplift lives and foster resilience. Our work is not just about products; it is about enabling progress, nurturing talent, and building a legacy of inclusivity and environmental stewardship.

As we look ahead, I am reminded that true leadership lies in collaboration. Together with our partners, colleagues, and the communities we serve, UCC remains committed to shaping a future where sustainable energy and cutting-edge technology converge to unlock Bangladesh's full potential.

With gratitude and renewed energy,

Sarwar Mahmud Khan

Founder & CEO

UCC

Renewable Energy Business Unit

Authorized National Distributor:

LIGHTNING PROTECTION
INTERNATIONAL PTY LTD



victron energy
BLUE POWER



Li-ion Battery

Renewable Energy Business Unit

Project Partner:



Renewable Energy Business Unit

Project Partner:

GOODWE
Smart Energy Innovator

Fronius

JinKO Solar
Building Your Trust in Solar

JASOLAR

Renewable Energy Business Unit

Project Partner:

TrinaSolar

REC
SOLAR'S MOST TRUSTED

LONGi Solar

CanadianSolar

Renewable Energy Business Unit

Project Partner:



ASTRONERGY



LAPP

Working Procedure



Site Survey



Site Survey



Site Survey



Drone Survey



Drone Survey

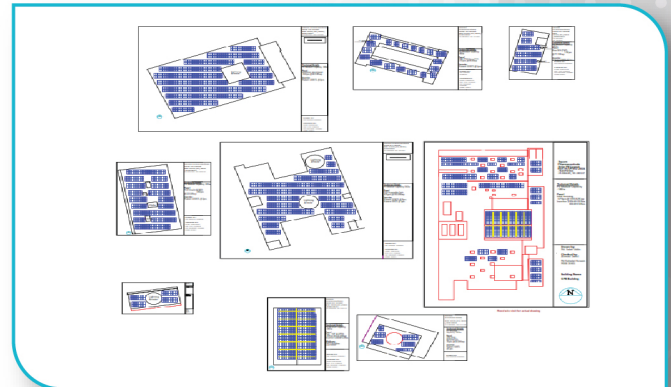


Drone Survey

Working Procedure



Autocad Design-Industrial Shed



Autocad Design-RCC Rooftop

Project: Square LifeSciences Ltd.
Variant: New simulation variant

Geographical Site
Hemlyapur
Dangshikola

Project summary
Situation: 24.01° N
Latitude: 88.22° E
Longitude: 88 m
Altitude: 1111.00 m
Elev. above sea level

System summary
Grid-Connected System
Near Shading: No Shading
System Information: PV Array: 1450 units, 999.6 kWp

Results summary
Produced Energy: 1167.6 MWh/year
Specific production: 1.217 kWh/kWp/year
Performance Ratio: 77.56 %

PVSyst-Simulation Report

System Production
Produced Energy (PHE): 1167.6 MWh/year
Produced Energy (PPO): 1084 MWh/year
Produced Energy (PPE): 1053 MWh/year

Main results
Specific production (PHE): 1.217 kWh/kWp/year
Specific production (PPO): 1.224 kWh/kWp/year
Specific production (PPE): 1.211 kWh/kWp/year
Performance Ratio PR: 77.56 %

Normalized productions (per installed kWp)
Performance Ratio PR

Balances and main results

Month	Global hor. insolation (kWh/m²)	Diffuse hor. insolation (kWh/m²)	T _{amb} (°C)	Global hor. irradiance (kWh/m²)	Global hor. irradiance (kWh/m²)	E _{array} (kWh/m²)	E _{DC} (kWh/m²)	PR
January	107.5	81.85	17.17	124.9	117.3	111.1	87.14	0.804
February	116.5	88.78	21.06	128.1	123.2	103.7	90.4	0.812
March	157.3	104.36	26.33	165.5	150.1	116.4	114.1	0.793
April	176.5	109.81	29.81	170.8	154.4	115.7	110.7	0.791
May	197.0	109.04	29.30	162.5	150.2	110.1	99.4	0.703
June	160.8	98.01	28.83	136.1	130.7	97.1	83.1	0.704
July	128.6	86.13	28.83	114.6	114.6	88.1	86.1	0.704
August	100.4	82.13	28.83	100.7	100.7	88.1	87.7	0.784
September	123.7	70.51	28.06	127.3	122.3	91.0	87.7	0.702
October	116.3	72.01	27.10	127.1	122.2	91.7	88.4	0.800
November	110.7	60.67	23.05	125.4	120.7	92.1	75.8	0.655
December	116.1	71.71	18.81	130.4	117.1	99.1	84.1	0.631
Year	1570.0	937.47	25.56	1633.3	1550.0	1178.3	1101.8	0.776

PVSyst-Simulation Report

Components
Your installation uses latest technology in solar

- Modules**
Jinko Solar Tiger Neo JK6570-N-72HL4-V)-F7-(670-590)W Tiger Neo JK6570-N-72HL4-V)-F7-(580-590)W 3451.00 No.
- Inverters**
SUNNY TRIPOWER CORE2 SMA 12.00 No.
SUNNY TRIPOWER CORE1 SMA 2.00 No.
Sunny Tripower CORE1 62-US SMA America 4.00 No.
Sunny Tripower CORE1 62-US SMA America 1.00 No.
- Walkways**
Premium Walkways 180 R 2.21 In
- Structure**
Premium Structure

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3D Analysis Report

System Metrics

- ANNUAL PRODUCTION**
2,495.28 x 1000 kWh (Units)
- PERFORMANCE RATIO**
78.45%
- SPECIFIC GENERATION**
1,246.60 kWh/kWp/year

Module DC Nameplate: 2,001.58 kWp
AC Nameplate: 1,701.00 kW
DC-AC Ratio: 1.18

Weather Dataset: Meteonorm

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3D Analysis Report

Working Procedure

Shading Analysis

December 21 | 9:00:00 AM December 21 | 4:00:00 PM

Summary: Modules are shadow free for **99.54%** of solar time throughout the year.

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3D Analysis Report

Shading Analysis

June 21 | 9:00:00 AM June 21 | 4:00:00 PM

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3D Analysis Report

Irradiance Map Solar Access

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3D Analysis Report

Environmental Impact

You are contributing to solve Earth's biggest problem - Climate Change.

CARBON DIOXIDE OFFSET	EQUIVALENT ACRES OF FOREST	COAL BURN AVOIDED
41,556.46 metric tons	48,786.23 acres/year	20,609.54 metric tons
Equivalent Number of Trees Planted 6,87,709.00 trees	Petrol Consumption Avoided 1,77,24,447.45 litres	Equivalent Kilometers Driven 16,34,04,468.84 kms

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3D Analysis Report

Completed Project Picture



Completed Rooftop Project

SL	Details	Company Name	Plant Capacity
01	Supply, Installation, Testing & Commissioning of 3.5MWp Solar Grid- Energy System	GMS Composite & Knitting Industries Ltd. Kashimpur,Gazipur	3.5MWp
02	Supply, Installation, Testing & Commissioning of 4MWp Solar Grid- Energy System	Square Denim Hobigonj	4 MWp
03	Supply, Installation, Testing & Commissioning of 3.2MWp Solar Grid- Energy System	Epyllion Group Rajendropur	3.2 MWp
04	Supply, Installation, Testing & Commissioning of 2.2MWp Solar Grid Energy System	Square Pharmaceuticals Dhaka Plant Kaliakoir,Gazipur	2.2 MWp
05	Supply, Installation, Testing & Commissioning of 2000 kWp Solar Grid Energy System	Malek Spinning, Salek Spinning Gazipur	2 MWp
06	Supply, Installation, Testing & Commissioning of 1.6MWp Solar Grid Energy System	Tusuka Denim & Washing Ltd, Shafipur, Gazipur	1.6 MWp
07	Supply, Installation, Testing & Commissioning of 1.6MWp Solar Grid Energy System	MN Dyeing Printing & Washing Mills Ltd. Baniarchala, Bhabanipur	1.6 MWp
08	Supply, Installation, Testing & Commissioning of 1.5Wp Solar Grid Energy System	Tosrifa Industries Ltd,Mawna	1.5 MWp
09	Supply, Installation, Testing & Commissioning of 1.3MWp Solar Grid Energy System	Giant Textile Ltd. Bhabanipur, Gazipur	1.3 MWp
10	Supply, Installation, Testing & Commissioning of 1.3MWp Solar Grid Energy System	HAMS Garments Ltd. Mawna, Gazipur	1.3 MWp
11	Supply, Installation, Testing & Commissioning of 1MWp Solar Grid Energy System	GIANT BD Co Ltd.	1 MWp
12	Supply, Installation, Testing & Commissioning of 1MWp Solar Grid Energy System	Supreme Embellishment	1 MWP
13	Supply, Installation, Testing & Commissioning of 1MWp Solar Grid Energy System	Knit Asia Knitting & Dyeing, Gazipur	1 MWp
14	Supply, Installation, Testing & Commissioning of 870 kWp Solar Grid Energy System	Sangu Group, Mawna, Gazipur	870 kWp
15	Supply, Installation, Testing & Commissioning of 830 kWp Solar Grid Energy System	Adzi Trims Ltd. (Indent Group) Kalampur, Dhaka	830 kWp
16	Supply, Installation, Testing & Commissioning of 869.4Wp Solar Grid Energy System	Square Pharmaceuticals Pabna Plant	869.4 kWp

Completed Rooftop Project

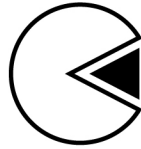
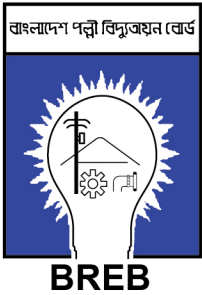
SL	Details	Company Name	Plant Capacity
17	Supply, Installation, Testing & Commissioning of 900 kWp Solar Grid Energy System	JM Fabrics Ltd.	684 kWp
18	Supply, Installation, Testing & Commissioning of 600 kWp Solar Grid Energy System	GMS Textiles Ltd , Kaliakoir, Gazipur	600 kWp
19	Supply, Installation, Testing & Commissioning of 518 kWp Solar Grid Energy System	Reedisha Knitex Limited Noyonpur Bazar,	518 kWp
20	Supply, Installation, Testing & Commissioning of 556 kWp Solar Grid Energy System	Denim Asia Limited ,Shafipur,Gazipur	556 kWp
21	Supply, Installation, Testing & Commissioning of 500 kWp Solar Grid Energy System	Bay Footwear, Gazipur	500 kWp
22	Supply, Installation, Testing & Commissioning of 560 kWp Solar Grid Energy System	Knit Asia Ltd. (Unit-2) Ratanpur Road Shafipur,	560 kWp
23	Supply, Installation, Testing & Commissioning of 803 kWp Solar Grid Energy System	Supreme Stitch Ltd. Ashulia, Dhaka	470 kWp
24	Supply, Installation, Testing & Commissioning of 400 kWp Solar Grid Energy System	Northern Electric Power Supply Company Ltd, Rajshahi	400 kWp
25	Supply, Installation, Testing & Commissioning of 326 kWp Solar Grid Energy System	Comfit Composite Gorai, Mirzapur	326 kWp
26	Supply, Installation, Testing & Commissioning of 310 kWp Solar Grid Energy System	Tamishna Fashion Wear Ltd, Mawna, Gazipur	310 kWp
27	Supply, Installation, Testing & Commissioning of 250 kWp Solar Grid Energy System	Mosharraf Group	250 kWp
28	Supply, Installation, Testing & Commissioning of 134.7 kWp Solar Grid Energy System	Supreme Dairy, Savar, Dhaka	234.7 kWp
29	Supply, Installation, Testing & Commissioning of 200 kWp Solar Grid Energy System	Midas CEP	200 kWp
30	Supply, Installation, Testing & Commissioning of 175 kWp Solar Grid Energy System	Asian Apparels, Chittagong	175 kWp
31	Supply, Installation, Testing & Commissioning of 150 kWp Solar Grid Energy System	HAMS Garments Ltd. Sreepur, Gazipur	150 kWp
32	Supply, Installation, Testing & Commissioning of 150 kWp Solar Grid Energy System	Sonnet Textile Industries	150 kWp

Completed Rooftop Project

SL	Details	Company Name	Plant Capacity
33	Supply, Installation, Testing & Commissioning of 150 kWp Solar Grid Energy System	Bangabandhu Military Museum Bijoy Sarani Dhaka	150 kWp
34	Supply, Installation, Testing & Commissioning of 145 kWp Solar Grid Energy System	OFMA Camp Ltd. Plot #58-62, Sector #1, Karnaphuli EPZ	145 kWp
35	Supply, Installation, Testing & Commissioning of 136 kWp Solar Grid Energy System	CHT Bangladesh Pvt. Ltd. MIEZ, Narayanganj	136 kWp
36	Supply, Installation, Testing & Commissioning of 128 kWp Solar Grid Energy System	Designs Ltd Concern of Bitopi Group, Savar, Dhaka	128 kWp
37	Supply, Installation, Testing & Commissioning of 123.5 kWp Solar Grid Energy System	Knit Asia Ltd. Ashulia	123.5 kWp
38	Supply, Installation, Testing & Commissioning of 120 kWp Solar Grid Energy System	Dhaka Garments & Washing Ltd. Dakkhin Vangnahati, Mawna, Gazipur	120 kWp
39	Supply, Installation, Testing & Commissioning of 104 kWp Solar Grid Energy System	Cotton Field BD Ltd Gazipura, Tongi Gazipur	104 kWp
40	Supply, Installation, Testing & Commissioning of 100 kWp Solar Grid Energy System	Sultana Sweaters Ltd, Concern of Labib Group Meherabari, Valuka, Mymensingh.	100 kWp
41	Supply, Installation, Testing & Commissioning of 100 kWp Solar Grid Energy System	Texeurop (BD) Ltd. Dhaka - Mymensingh, Hwy, Gazipur 1704	100 kWp
42	Supply, Installation, Testing & Commissioning of 1-20 kWp Solar Grid Energy System	Commercial Rooftop Project	300 Projects
43	Supply, Installation, Testing & Commissioning of 200 kWp Solar Pump Irrigation System Govt Project	NESCO	200 Projects



Corporate Clients of ICT Business & Renewable Energy & Power Business Unit



Bitopi Group



BERGER
Trusted Worldwide



COMFIT COMPOSITE KNIT LTD.

STANDARD | GROUP



Reckitt
Benckiser



GROUP REEDISHA



NEW ASIA GROUP



HAMS GROUP

adzi *trims Ltd.*
be your own LABEL



Asian Apparels



Corporate Clients of ICT Business & Renewable Energy & Power Business Unit



Supreme Stitch Ltd.



SQUARE
PHARMACEUTICALS LTD.
BANGLADESH

OFMA
Camp Limited
innovative outdoor gears



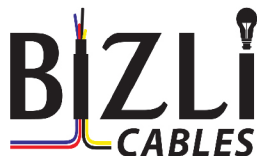
PAN PACIFIC SONARGAON
DHAKA



GIANT
GROUP



Inspiring Excellence



TOSHIBA



Corporate Clients of ICT Business & Renewable Energy & Power Business Unit



Corporate Clients of ICT Business & Renewable Energy & Power Business Unit



Crown Agents



Building a better world for children



SONNET





Corporate Clients of ICT Business & Renewable Energy & Power Business Unit



Corporate Clients of ICT Business & Renewable Energy & Power Business Unit



ICT BUSINESS PARTNERS

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Processor
&
Graphics Card

acer

Laptop, Monitor

 **CP PLUS**

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DVR, NVR Access
Control

D-Link®

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Network Passive
Products

GeIL®

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Body Cameras,
Memory Cards,
Flash Drives, RAM,
Card Readers
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Cooler, Case Fan,
CPU Cooler,
Water Cooler
&
Accessories

TEAMGROUP **Team**

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Desktop Monitor
Touch Display
Large format Display
Projector &
Interactive Flat Panel

ZOTAC[®]

Graphics Card, SSD
& Mini PC

DIRECT COVERAGE OF DIVISIONS FOR ICT

DHAKA

Tangail, Gazipur,
Narayangonj
Narsingdi, Faridpur

CHATTOGRAM

Cox's Bazar, Laxmipur
Noakhali, Feni, Comilla
B.Baria, Bandarban
Rangamati

RAJSHAHI

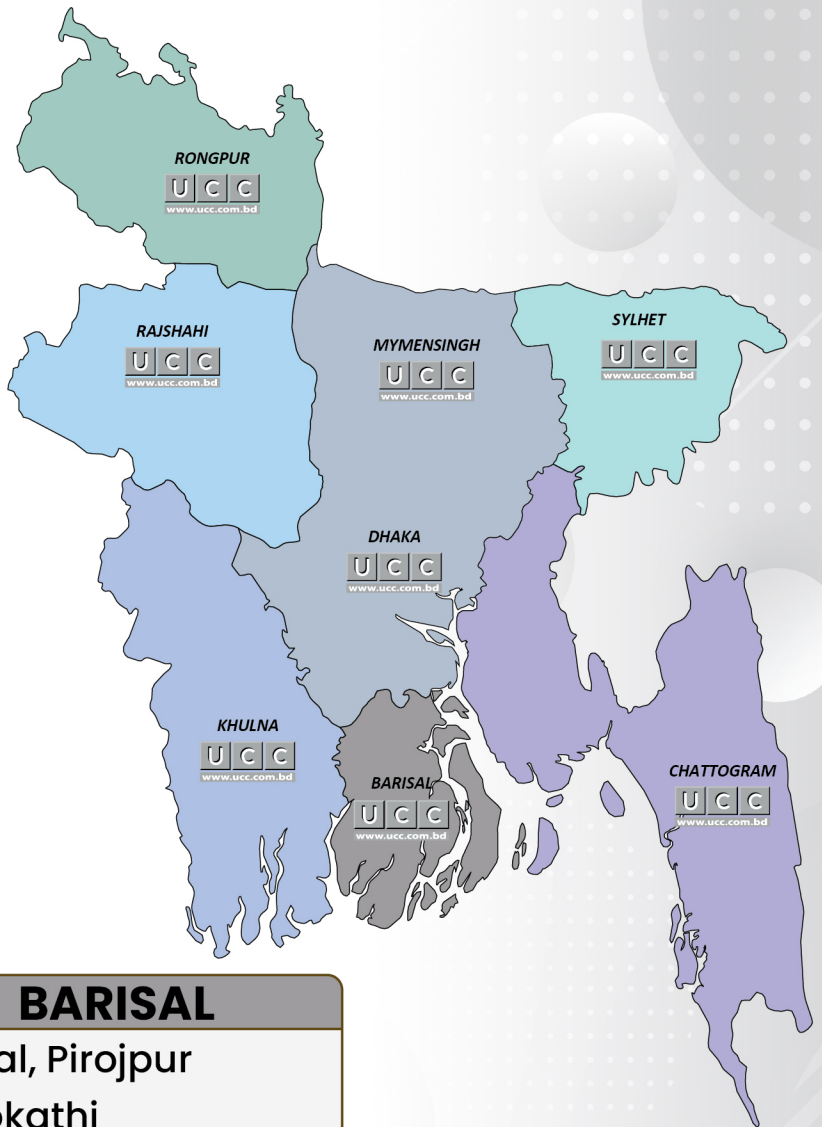
Rajshahi, Pabna
Natore, Naogaon
Chapainawabganj
Sirajgonj, Bogura
Joypurhat

SYLHET

Sylhet, Moulvibazar
Sunamganj, Habiganj

KHULNA

Khulna, Satkhira
Jessore, Bagerhat
Magura, Kushtia



BARISAL

Barisal, Pirojpur
Jhalokathi

RANGPUR

Rangpur, Dinajpur
Nilphamari, Kurigram
Thakurgaon

MYMENSINGH

Mymensingh,
Jamalpur,
Sherpur,



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