



WEST ZONE POWER DISTRIBUTION COMPANY LTD.

(An Enterprise of Bangladesh Power Development Board)

Bidyut Bhaban, Boyra Main Road, Khulna. Ph: 041-730484, Fax: 041-731786

Project Status

Ongoing Projects:

Sl No.	Name of the Project and Project period	Program/Project wise indicative cost with Source of Finance (Lakh Tk& Million US\$)	Financed by	Scope of Works						
				Targets			Progress (Upto 30.11.2018)	Under Processing		
				Item	Unit	Quantity				
1	Strengthening Power Distribution System project July'14 – June'19	<ul style="list-style-type: none"> • Total : 83243.66 Lakh Taka=106.72 Million US\$ • GOB : 78801.14 Lakh Taka=101.03 Million US\$ • WZPDCL: 4442.52 Lakh Taka=5.69 Million US\$ • P.A : 0.0 Lakh Taka =0.0 Million US\$ 	GOB	33KV Overhead Line(new)	km	70	36	2		
				33KV XLPE Single Core Submarine Cable(new)	km	68	0	-68		
				33KV U/G Cable (new)	km	20	0	-20		
				33 KV overhead line (renovation)	km	100	20	-60		
				11KV overhead line (new)	km	100	131.52	163.04		
				11KV U/G Cable (new)	km	10	4.85	-0.3		
				11 KV overhead line (renovation)	km	100	84.69	69.38		
				11/0.4 KV overhead line (new)	km	441	367.38	293.76		
				11/0.4 KV overhead line (renovation)	km	277	277.08	277.16		
				0.4 KV overhead line (new)	km	372	450.1	528.2		
				0.4 KV overhead line (renovation)	km	300	486.88	673.76		
				11/0.4 KV distribution transformer (new)	Nos.	2100	1523	946		
				33/11 KV Sub-staion (new)	Nos.	3	1	-1		
				33/11 KV Sub-staion (renovation)	Nos.	11	0	11		
				Financial Progress (%)	FY 2018-19	28.78%	Overall	59.89%		
				Physical Progress (%)	FY 2018-19	46.00%	Overall	75.00%		
2	Expansion and Upgradation of Power Distribution System in West Zone Area July'16 – June'19	<ul style="list-style-type: none"> • Total: 127819.42 Lakh Taka =163.20 Million US\$ • GOB: 124978.09 Lakh Taka= 159.73 Million US\$ • WZPDCL: 2841.33 Lakh Taka=3.63 Million US\$ • P.A. : 0.0 Lakh Taka=0.0 Million US\$ 	GOB	33KV overhead/underground line (new)	km	449	15	15		
				33 KV overhead line (renovation)	km	605	0	0		
				11KV overhead line (new)	km	62	62	62		
							(Procurement)			
				11/0.4 KV distribution transformer (new)	Nos.	1722	766	766		
							(Installation)			
				33/11 KV Sub-staion (new)	Nos.	31	6	49		
							4Nos. Contract signed & 02 Nos. Evaluation Going on			
				33/11 KV Sub-staion (renovation)	Nos.	32	8			
							08 Nos. Evaluation Going on			
				Financial Progress	FY 2018-19	30.13%	Overall	20.84%		
Physical Progress	FY 2018-19	50.62%	Overall	40.00%						
3	Extension & Augmentation of Power Distribution System Project in West Zone Area. July'17 – June'21	<ul style="list-style-type: none"> □ Total :124905.05 Lakh Taka=156.13 Million US\$ □ GOB :119789.51 Lakh Taka=149.749 Million US\$ □ WZPDCL: 5115.54 Lakh Taka=6.39 Million US\$ □ P.A : 0 Lakh Taka= 0 Million US\$ 	GOB	11KV overhead line (new)	km	587.9	13 Tender is invited of FY-2018-19. Contract sign completed of all package for fy 2017-18. material delivery of all contract for fy 2017-18 is complete.			
				11 KV overhead line (renovation)	km	620.87				
				11/0.4 KV overhead line (new)	km	866.22				
				11/0.4 KV overhead line (renovation)	km	736.98				
				0.4 KV overhead line (new)	km	954.8				
				0.4 KV overhead line (renovation)	km	1032.39				
				11/0.4 KV distribution transformer (new)	Nos.	2530				
				Non-residential civil works (Office and others)	sq.m	35638.18				
				Residential civil works	sq.m	17640.63				
				Financial Progress	FY 2018-19	57.60%			Overall	6.07%
				Physical Progress	FY 2018-19	57.72%			Overall	30.50%

4	Smart Prepayment Metering Project For West Zone Power Distribution Company Ltd. (WZPDCL) Area. July/17-June/20	<input type="checkbox"/> Total : 42637.00 Lakh Taka=53.31 Million US\$ <input type="checkbox"/> GOB : 41253.91 Lakh Taka=51.58 Million US\$ <input type="checkbox"/> WZPDCL: 1383.09 Lakh Taka=1.73 Million US\$ <input type="checkbox"/> P.A : 0.00 Lakh Taka= 0.00 Million US\$	GOB	To install 5,00,000 nos of Pre-paid meter						
				(i) Single Phase	Nos.	486,000.00	Software upgradation work is completed and 30 nos smart prepaid meter (single phase 28 nos, three phase- 02 nos) and 04 nos DCU is already installed on test basis. 124000 nos. single phase meters, 870 nos. data concentrator unit and 14 nos. hand held unit already have been released from Chittagong port after customs clearance. Pre-shipment inspection of rest 6000 nos. three phase meters is going on.			
				(ii) Three Phase	Nos.	14,000				
				Financial Progress	FY 2018-19	20.55%	Overall	20.55%		
				Physical Progress	FY 2018-19	33.65%	Overall	33.65%		



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Project Status

Upcoming Projects:

Sl. No	Name of the Project and Period	Goals	Program/Project wise indicative cost (Cr. Tk & Million US\$)	Financed by	Progress
1	Modernization of Power Distribution Smart Grid Phase-I, Sub-station Rehabilitation and Implementation of Supervisory Control and Data Acquisition (SCADA) System Project in West Zone Area. July'18 – June'22	<input type="checkbox"/> To automate all of the Substation of WZPDCL under SCADA system upto 11KV feeders.	Initially predicted cost of the project is... <input type="checkbox"/> Total Cost: 996.00 Crore BDT (97 Million Uro) <input type="checkbox"/> PA : 697.00 Crore BDT (68 Million Uro) <input type="checkbox"/> GoB : 199.00 Crore BDT (19 Million Uro) <input type="checkbox"/> WZPDCL: 99.00 Crore BDT (10 Million Uro) Actual project cost will be determined by feasibility study.	KFW	<input type="checkbox"/> 120MUro has been confirmed for project aid and 2.2MUro confirmed for technical assistance project for WZPDCL and BREB which was decided at the inter-government negotiation meeting between Bangladesh govt. and German govt. on 26.10.2016 <input type="checkbox"/> A Contract has been signed with Lahmeyer International GmbH (Consultant) for executing feasibility study of the project on 26/09/2018 <input type="checkbox"/> Kick-off Meeting has been held on 07/11/2018 <input type="checkbox"/> Training on " Grid Modeling and Network Analysis" has been started as part of FS from 25.11.2018 <input type="checkbox"/> Final Report will be submitted by the consultant within 7 months from the date of contract signing.
2	Assessment on System Planning, Project Design and Capacity Building in West Zone Area July'18-Nov'19	<input type="checkbox"/> To Assess whole WZPDCL System <input type="checkbox"/> To make feasibility study report for underground power distribution system in Khulna, Jessore and Barisal. <input type="checkbox"/> To make feasibility study report/implement GIS mapping in khulna city area. <input type="checkbox"/> Capacity building of Human Resource (Training).	Initially predicted cost of the project is... <input type="checkbox"/> Total: 866.19 Lakh Taka (1.09 Million of US\$) <input type="checkbox"/> GOB: 184.41 (0.23 Million of US\$) <input type="checkbox"/> WZPDCL: 176.05 (0.22 Million of US\$) <input type="checkbox"/> P.A : 505.73 (0.64 Million of US\$) Actual project cost will be determined by ADB regarding approval of concept paper.	ADB	<input type="checkbox"/> PTAPP has been approved by principle on 04.04.2017 by honorable Planning Minister. <input type="checkbox"/> ADB has responded positively to finance the proposed project on their Aide Memoire dated on 29.01.2017. <input type="checkbox"/> ADB is interested to one of the scope that is to make feasibility study (FS) report for underground power distribution system in Khulna, Jessore and Barisal. For this FS, 0.5 million USD has been approved by ADB. Expression of Interest (EOI) for the feasibility study was called on 20/12/2018. Institutional Analysis of WZPDCL has been done by WZPDCL on 20 September 2018.

3	Smart Prepayment Metering Project For West Zone Power Distribution Company Ltd. (WZPDCL) Area (phase-II) July/17-December/18	<input type="checkbox"/> To install 9,00,000 nos of Pre-paid meter, where Single Phase meter: 8,80,000 nos. Three Phase meter: 20,000 nos	Initially predicted cost of the project is... <input type="checkbox"/> Total: 972.89 Crore BDT (114.82 Million of US\$) <input type="checkbox"/> GOB: 262.44 Crore BDT (30.97 Million of US\$) <input type="checkbox"/> WZPDCL: 53.22 Crore BDT (6.28 Million of US\$) <input type="checkbox"/> P.A : 657.21 Crore BDT (77.57 Million of US\$)	AIIB	<input type="checkbox"/> AIIB has shown their interest on the meeting at WZPDCL Liaison office on 05.07.2018. <input type="checkbox"/> PDPP was submitted to Power Division on 11.07.2018 and Power Division has sent to Planning Commission on 23.07.2018. On 19.08.2018 Planning Commission has returned the PDPP and adviced to increase the proportion of organisational funding to a logical extent and resubmit the recast PDPP.
4	Underground Power Distribution System Project in West Zone Area (Phase-1) July'18- June'21	<input type="checkbox"/> To accommodate clean metropolitan and improved power distribution network of WZPDCL by imposing underground GIS S/S and distribution lines in Khulna, Jessore & Barisal city.	Initially predicted cost of the project is... <input type="checkbox"/> Estimated capital costs: 7041.51 Crore BDT (853 Million of US\$) <input type="checkbox"/> Estimated yearly operation costs: 33.02 Crore BDT (4 Million US\$) <input type="checkbox"/> Total cost: 7701.92 Crore BDT (933 Million US\$)	PPP	<input type="checkbox"/> ADB has enlisted this project into their COBP (Country Operation Business Plan) to finance 200 Million USD at 2020. ADB has called for Expression of Interest (EOI) for the feasibility study for underground power distribution system in Khulna, Jessore and Barisal. <input type="checkbox"/> Moreover, a project proposal under PPP (G2G with Japan) has been sent to Power Division on 26.12.2017.
5	GIS Mapping of WZPDCL area. July'18- June'21	<input type="checkbox"/> To make GIS Mapping into whole WZPDCL area	<input type="checkbox"/> Total: 28.75 Crore BDT (3.42 Million of US\$)	-	<input type="checkbox"/> To establish GIS mapping in Khulna city as a pilot project fund searching is going on. <input type="checkbox"/> Training on GIS at WZPDCL training centre has been completed from 11.08.2018 to 15.08.2018. <input type="checkbox"/> Draft Scope of work, Cost Estimation, Terms of reference(ToR) and advertisement for invitation of Expression of Interest (EoI) has been prepared.
6	Prepayment Meter Manufacturing Plant, WZPDCL July'18 – June'19	<input type="checkbox"/> To establish a Pre-payment Meter Factory in khulna city.	<input type="checkbox"/> Total: 28.60 Crore BDT (3.4 Million of US\$)	-	WZPDCL has signed a Joint Venture Agreement (JVA) with Hexing Electrical Co. Ltd, China to form a joint venture company named "Bangladesh Smart Electricals Company Ltd." on 21 October, 2018. First board meeting of the company was held on 14/01/2018 about the manpower appointment to different positions of the company organogram and purchase of different accessories for commercial production of meter.
7	Installation of Transformer Manufacturing Plant and Upgradation of Zonal Repairing Shop in West Zone Area. Jul'18 – Jun'20	<input type="checkbox"/> To install a new Transformer Manufacturing Plant in Khulna <input type="checkbox"/> Renovation of existing two ZRS at Jessore and Barisal	Initially predicted cost of the project is... <input type="checkbox"/> Total: 100.00 Crore BDT (12.11 Million of US\$) <input type="checkbox"/> GOB: 30.00 Crore BDT (3.634 Million of US\$) <input type="checkbox"/> P.A : 70.00 Crore BDT (8.479 Million of US\$) Actual project cost will be determined by feasibility study.	PPP	A project proposal under PPP has been sent to Power Division on 04.10.2017
8	Upgradation of Distribution System of WZPDCL	<input type="checkbox"/> Erection of new distribution lines in WZPDCL area. <input type="checkbox"/> Renovation of existing non-standard distribution lines of WZPDCL.	To be determined	-	Feasibility study of the project is under progress.



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Future Projects:

Sl. No	Name of the Project with Period	Goals	Program/Project wise indicative cost (Lakh Tk & Million US\$)	Financed by	Remarks/Progress
1	Distribution System Improvement Project up to '2030 (Phase-1). July'21 – June'24	<input type="checkbox"/> To accommodate future load growth upto 2025 of power distribution network of WZPDCL.	To Be Determined	To Be Determined	<input type="checkbox"/> For expansion of distribution line and installation of substations, in-house feasibility study is going on according to the plausible demand of electricity forecasted on PSMP and SDG
2	Distribution System Improvement Project up to '2030 (Phase-2) July'26 – June'29	<input type="checkbox"/> To accommodate future load growth upto 2030 of power distribution network of WZPDCL.	To Be Determined	To Be Determined	<input type="checkbox"/> In order to expand distribution line and install substations, in-house feasibility study is going on according to the plausible demand of electricity forecasted on PSMP and SDG