

CORPORATE PLAN
2018-19



LOOKING BEYOND TOMORROW

WBSETCL

WEST BENGAL STATE ELECTRICITY TRANSMISSION COMPANY LIMITED



From the Desk of the Managing Director

WBSETCL has completed a decade of operations in the state of West Bengal and in its eleventh year of operation, is solemnly following the commitment towards the citizen of the State and the Nation. In the financial year 2017-18 the total transformer capacity is about 29570 MVA with transmission line of 13631.4 ckm spreading across the length and breadth of the state. During the financial year 2017-18 the Company added 7 new substations under its command, which makes the total count of substations to 124 with transmission system availability of 99.85%. In the financial aspect the Company has fairly improved by recording a turnover of Rs. 1349 crore, which is an increase of 8.35% in comparison with the previous year and made a profit after tax of Rs. 367.74 crore.

Hence, it is clear from the above facts that with passage of every year WBSETCL is setting a new benchmark for its own, and therefore, expectations of all stakeholders are very high on which we have to stand firm and to work relentlessly towards fulfilling our commitment of not only to **'Transmit Power'** but also to **'Transmit Happiness.'**

With best wishes,

A handwritten signature in black ink, consisting of stylized initials and a long horizontal stroke.

(Rajesh Pandey)
Managing Director

TRANSMISSION PROJECTS

PROJECT EXECUTION (2017-18):

Completed Projects

The projects completed during 2017-18 and made available to the transmission system of WBSETCL are furnished below:

Sub-stations & Feeder Bays:

Eight (08) new sub-stations and different bays which were commissioned during 2017-18 and put into the system are as follows:

Sl No.	Name of the substation/ bays	Capacity addition (MVA)
1	Sadaipur 220/132/33 kV Substation.	420
2	New Chanditala 400/220 KV Substation	945
3	New PPSP 400 kV GIS	
4	Alipurduar 220 KV substation	320
5	Keshiary 132 kV Substation	100
6	Domkal 132/33 kV GI Substation	100
7	Mohitnagar 132 kV GIS	100
8	Islampur 132/33 KV AIS substation	100
9	Two (2) nos. 132 kV Line Bays at Makar 132 kV Substation.	
10	Two (2) nos. 132 kV Line Bays at Basirhat 132 kV Substation	
11	Two (2) nos. 132 kV GIS Feeder Bays at Nazirpur 132 kV Substation.	
12	Two (2) nos. 132 kV Line Bays at New Bishnupur 220/132 kV Substation	
13	Two (2) nos. 132 kV Line Bays at Jhargram 132 kV Substation	
14	Two (2) nos 220 KV AIS Feeder Bays at Domjur sub-station	

Thus total capacity addition in 2017-18 stands at 2085 MVA with total project cost is Rs. 498.72 crores.

Transmission Lines:

588.504 Circuit Kilometres (ckm) covering following 3. nos 400 KV, 2 nos. 220 KV & 7 nos 132 KV transmission lines have been added to the system at an **estimated cost of Rs. 422.52 crores.**

Sl No.	Name of the transmission line	CKM addition
1	LILO of KTPS – Jeerat 400 kV S/C Transmission line at New Chanditala 400 kV Substation.	11.803
2	LILO of PPSP – Arambag 400 kV D/C line at New PPSP 400kV Substation.	1.004
3	D/C LILO of Howrah – Foundry Park 220 kV D/C Line at New Chanditala 400 kV Substation	32.58
4	400 KV transmission line from New Chanditala 400 KV to Kharagpur 400 KV substation.	277.034
5	2 x S/C LILO of TCF-III – Dalkhola 132 kV Line at Islampur 132 kV Substation	0.37
6	132 kV D/C Transmission line from Kharagpur 400 kV Substation to proposed Keshiary 132 kV Substation	47
7	132 kV D/C Transmission Line from New Bishnupur 220 kV Sub Station to Indus 132 kV GIS	75.716
8	220 kV D/C LILO of Jeerat – Kasba 220 kV Line at Barasat 220 kV Substation	7.644
9	Conversion of Kasba- Salt Lake 132 KV D/C line to KLC-Salt Lake 132 KV D/C line by erecting 2 (Two) nos. towers.	0.509
10	132 KV S/C line on D/C tower from TCF PS-III, 132 KV S/Stn to proposed Gunjaria traction S/Stn.	42.938
11	Construction of 132 kV D/C Transmission line with ACSR Panther conductor from Nazirpur 132 kV Substation to Domkal 132 kV Substation and Laying of 132 kV UG XLPE Cable from end composite tower to proposed 132 kV GIS equipment including composite tower for Nazirpur – Domkal 132 kV D/C line.	62.048
12	D/C LILO of both 132 kV NJP – Moinaguri and NJP – Chalsa – Moinaguri S/C Transmission Line at Mohitnagar 132 kV GIS.	29.858

Ongoing Projects

Sub-stations:

Work of following 17 nos new sub-stations (5 nos 220 KV & 12 nos 132 KV substation), various bays at existing substations are under execution. The completion of above mentioned work will result addition of a further 3260 MVA to the system.

Sl No.	Name of the substation/ bays	Installed Capacity (MVA)
1	Sagardighi 220 KV GIS	320
2	Barasat 220 KV GIS	320
3	New Town IIC 220 KV GIS	520
4	Rejinagar 220 KV AIS	420

SI No.	Name of the substation/ bays	Installed Capacity (MVA)
5	Gazole 220 KV GIS	420
6	Sonakhali 132/33 KV GIS	100
7	Indus 132/33 KV GIS	100
8	Panagarh 132/33 KV GIS	100
9	Dinhata 132 KV GIS	100
10	Bhadrapur 132 KV GIS	100
11	Salt Lake Stadium 132 KV GIS	160
12	Burdwan 132 KV GIS	100
13	Debra 132/33 KV GIS	100
14	Jhalda 132/33 KV GIS	100
15	Salar 132/33 KV GIS	100
16	Minakhan 132/33 KV GIS	100
17	Harischandrapur 132/33 KV GIS	100
18	One no 132 KV Feeder Bay at Pundibari TSS.	
19	One no 132 KV Feeder Bay at Gunjaria TSS.	
20	One no 132 kv Feeder Bay at Rangapani TSS	
21	2 nos. 132 KV feeder bays each at Moinaguri 132/33 KV substation	0
22	2 nos. 132 kv Line Bays (AIS) at Durgapur 220 kv Substation	0
23	2 nos 132 KV extension line bays at Rampurhat 132/33 KV substation	0
24	1 no 132 KV AIS feeder bays at Balurghat 132/33 KV substation	0
25	2 nos 132 KV line bays at Bagmundi 132/33 KV substation	0
26	2 nos. 132 KV GIS Bay at Bagnan 132 KV GIS	
27	2 Nos. 132 KV Feeder Bays at Subhasgram Substation	0

Total estimated project cost of the above substations and bays are Rs. 661.88 crores.

Transmission Lines:

A total 46 nos. transmission lines (3 nos 400 KV, 12 nos 220 KV & 31 nos. 132 KV lines) are under execution whose completion will result in addition of a further 1919.376 kkm to the system. Details of the lines are furnished below:

SI No.	Name of the transmission line	CKM
1	400 KV twin moose transmission line from Gokarna to Sagardighi TPS	82
2	400 kv D/C & M/C Transmission line with Twin Moose ACSR conductor from New Chanditala 400 kv Substation to Gokarna 400 kv Substation.	360
3	400 kv D/C Transmission line for LILO of Arambagh – Durgapur 400 kv S/C line at New Chanditala Substation.	93.6
4	TLDP-III -TLDP-IV 220 KV S/C line	21.1
5	220 KV D/C line from Alipurduar 220 kv (PGCIL) substation to proposed Alipurduar 220 kv GIS (WBSETCL)	13
6	220 kv D/C Line from Rajarhat 400 kv Substation (PGCIL) to New Town-IIC 220 kv Substation	28
7	220 KV D/C transmission line (UG cable part with OFC) from Rajarhat S/S of PGCIL (under construction) to proposed New Town IIC 220 KV S/S.	3.6
8	D/C LILO of 220 kv D/C Gokarna – Sagardighi Line at Sagardighi Substation	11
9	S/C LILO of Arambagh – Rishra 220 kv S/C Line at New Chanditala 400 kv Substation	33
10	220 kv D/C Line from Subhashgram (PGCIL) Substation to Baruipur 220 kv Substation	58
11	Subhasgram (PG) 400 KV substation -Baruipur 220 KV D/C transmission line (UG cable part)	1.4
12	220 kv D/C Line from Domjur substation to Domjur- Arambagh 220 KV D/C line.	9.46
13	220 kv D/C Line from New Chanditala 400 KV S/Stn. to Domjur- Arambagh 220 KV D/C line.	8.02
14	220 KV D/C LILO of 220 KV D/C Gokarna- Krishnanagar line at Rejinagar	9
15	220 KV D/C LILO of 220 KV D/C Malda-Dalkhola line (PGCIL) at Gazole 220 KV SS.	6.6
16	132 KV D/C transmission line from Food Park substation to Ambuja Cement Factory	6.078
17	132 KV S/C line on D/C tower from Coochbehar 132 KV S/Stn to proposed Pundibari traction S/Stn.	10
18	132 KV S/C line on D/C tower from TCF PS-I 132 KV S/Stn to proposed Rangapani Traction S/Stn.	7.648
19	132KV D/C Line from Coochbehar Substation to Mathabanga Substation.	94
20	132KV D/C Line from Moinaguri Substation to Mathabanga Substation.	15.95
21	Construction of 132 kv D/C Transmission line from composite tower near Durgapur Substation to proposed Panagarh 132 kv Substation along with its associated works and Laying of 132 kv UGXLPE cable in between composite tower and gantry tower at Durgapur Substation	61.3

Sl No.	Name of the transmission line	CKM
22	132 kV D/C & M/C Transmission line on D/C & M/C tower from Kharagpur 400 kV Substation to Jhargram 132 kV Substation and laying of 132 kV UG Cable within Kharagpur 400 kV Substation.	93.2
23	132 kV D/C & M/C Transmission line from Subhasgram 220/132 kV Substation to Sonakhali 132/33 kV GI Substation	82
24	LILO of Domjur – Uluberia 132 kV D/C Transmission Line at Foundry Park 220 kV Substation.	7.32
25	132 kV D/C Line for LILO of one circuit of Coochbehar – Mathabhanga 132 kV D/C Line at Dinhata	94
26	132 kV D/C Line from Gokarna 220/132 kV substation to Bhadrapur 132 kV GIS using existing 132 kV D/C Gokarna – Raghunathganj Line	31
27	132 kV D/C Line from Bashirhat 132 kV substation to nearest point of existing Barasat - New Town AA-III 132 kV line	70
28	132 kV D/C Line from Raghunathganj - Gokarna 132 kV D/C Line to Sagardighi 220 kV GIS to establish Sagardighi - Raghunathganj 132 kV D/C link	8
29	132 KV D/C line from TL no. 21 of Midnapur- Kharagpur WBIDC 132 KV D/C line to proposed Debra 132 KV GIS.	52
30	132 KV D/C line from Bagmundi 132/33 KV SS to proposed Jhalda 132 KV GIS.	98
31	132 KV D/C line from Rampurhat to Bhadrapur.	48
32	132 KV S/C line on D/C tower from Serakol - Hotor TSS.	15
33	D/C LILO of Amtola- Debogram 132 KV D/C line at Rejinagar 220 KV SS.	16.4
34	D/C LILO of Amtola- Berhampore 132 KV D/C line at Rejinagar 220 KV SS.	44.6
35	D/C LILO of Gokarna- Katwa 132 KV D/C line at Salar 132 KV SS.	4.2
36	132 KV D/C line connectivity between Gazole 220 KV SS and Malda 132 KV SS.	1.3
37	132 KV D/C line connectivity between Gazole 220 KV SS and Raiganj 132 KV SS.	1.3
38	132 KV D/C line from Gazole 220 KV SS to Samsi 132 KV SS.	19
39	132 KV D/C line for connectivity between Gazole 220 KV SS and Balurghat 132 KV	104
40	132 KV D/C line from Baruipur 220/132 KV SS to Serakol 132 KV SS using HTLS conductor.	32
41	132 KV D/C line from Indus 132 KV SS to Raina 132 KV SS.	64.3
42	132 KV D/C line from Keshiary 132 KV SS to Pingla 132 KV SS.	80
43	D/C LILO of 132 KV Satgachia -Mahachanda transmission line at Burdwan 132 KV GIS using UG cable.	1
44	132 kV D/C UG Cable Line from Kasba 220 kV S/S to Salt Lake Stadium 132 kV GIS	12
45	132 kV S/C UG Cable Line from Salt Lake 132 kV GIS S/S to Salt Lake Stadium 132 kV GIS	4
46	132 kV S/C UG Cable Line from Salt Lake 132 kV AIS S/S to Salt Lake Stadium 132 kV GIS	4

Total estimated project cost of the above 46 nos. lines are Rs. 1402.40 crores.

Some of the future Projects are also furnished hereunder :

- Baruipur 220 KV GIS and associated lines.
- Jangalpur 220/132 KV GIS and associated line.
- Renia 132 KV GIS and associated line.
- Lavpur 132/33 KV GIS and associated line.
- Kona 132/33 KV GIS and associated line.
- Hasim ara 132/ KV GIS and associated line.
- Mangalpur 220 KV substation and associated line.
- Ramnagar 132/33 KV GIS and associated line.
- Kushmundi 132/33 KV GIS and associated line.
- Panchami 132/33 KV GIS and associated lines.
- Bagula 132/33 KV GIS and associated line.
- Manbazar 132/33 KV GIS and associated line.

Incomplete / Stalled Project

Progress of quite a few transmission lines, are getting affected for problems associated with local problems / right of way issues/ court cases. Rigorous interactions with the administration and statutory bodies are on to complete those projects. Details of such projects are given below:

- Work of 132 KV D/C transmission line from Food Park to Ambuja Cement Factory could not be completed due to acute right of problem in spite of constant persuasion with local and district administration.
- 1 tower location of Moinaguri – Mathabhanga 132 KV D/C line is held up due to acute ROW problems in spite of repeated persuasions with the administration.
- 0.257 Km stringing work is held up in Coochbehar – Mathabhanga 132 KV D/C line due to acute ROW problems, persuasions are on with district administration to sort out the issue.

Progress of work of TLDP-III-TLDP-IV 220 KV S/C lines, being executed by NHPC are suffering due to acute ROW problems as per report of NHPC.

TRANSMISSION O&M

1. Capacity Addition for Financial Year 2017-18 & 2018-19			
Financial Year	Brief Description of Work		
	Voltage Class (in KV)	MVA Added (IN MVA)	Substation
2017-18	220 / 132KV	480	160 MVA with Bay: - Satgachia 220 KV, Arambag 400 KV, Krishnanagar 220 KV
	220/33 KV	50	- Newtown 220 KV
	132/33 KV	633	(a) 50 MVA in place of 31.5/20 MVA : - Debogram 132 KV, Sonarpur 132 KV, Raghunathganj 132 KV, Hizli - Bishnupur 132 KV, Raiganj 132 KV (b) 50 MVA Transformer with Bay: - Raina 132 KV, Barasat 132 KV, Midnapore 220 KV, Asansol 220 KV - Kalyani, Dharampur (c) 31.5 MVA in place of 20/12.5 MVA - Gangarampur 132 KV (d) 31.5 MVA with Bay: - Rampurhat, New Bishnupur, Tamluk, Jhargram, Sainthia, Birsingha (e) 20 MVA Transformer with Bay: - Darjeeling, Bagmundi
	33/11KV	47.4	(a) 10 MVA in place of 6.3 MVA: - Bolpur (2 No), Pingla, Behala (b) 10 MVA with bay. - Chalsa (2 No). (c) 6.3MVA with Bay: - Domjur, Birsingha
2018-19	220 / 132KV	380	(a) 160 MVA with Bay: - New Haldia 220 KV, Newtown 220 KV (b) 160 MVA in place of 100 MVA : - Domjur 220 KV
	132 / 33 KV		(a) 50 MVA in place of 31.5 MVA : -Katwa, Mahachanda, Mathabhanga,Amtala,Haldia,Samsi, Raiganj, Lakshmikantapur, Sonarpur (b) 50 MVA Transformer with Bay: -Falta, C K Road (Commissioned). (c) 31.5 MVA with Bay: - Tarakeswar 132 KV, Chanditala 132 KV (Commissioned), Ranaghat 132 KV (Commissioned), Kalna (WIP),- Hizli (WIP),- Contai (WIP), Kharagpur WBIIDC (WIP), NJP (WIP), NBU (WIP), Kakwdip, Krishnanagar (d)31.5 MVA in place of 20/12.5 MVA - Dalkhola 220 KV , Balurghat , Chalsa (2 No each) Augmentation of transformation capacity at different Sub-Stations to meet (N-1) criterion for all Sub-Stations under Tr.(O&M) (in accordance of Transmission Planning Guideline issued by CEA) to cater load demand during system disturbance & exigencie
	33 / 11KV		(a) 10 MVA in place of 6.3 MVA : - Kolaghat(2 No), NBU(2 No), Sainthia, Satgachia, Kalyani (02 No), Uluberia (02 No) (b) 10 MVA with bay. -Raiganj, Hizli, (c) 6.3MVA with Bay: -Chanditala, Birsingha, Debogram (All Commissioned). Subhashgram (Introduction of new 33/11 KV System with 02 No 6.3 MVA). Augmentation of transformation capacity at different Sub-Stations to meet (N-1) criterion for all Sub-Stations under Tr.(O&M) (in accordance of Transmission Planning Guideline issued by CEA) to cater load demand during system disturbance & exigencies.
	132 / 25 KV		02 No 30.25 MVA Tr. in place of existing capacity at Liluah 132 KV Substation

2.	Power Sector Development Fund (PSDF)
2018-19	-Renovation & modernization of Transmission System for relieving congestion in intra state transmission system (Replacement of existing Conductor by HTLS & Al 59 Conductor). (a) New Haldia- Haldia-Haldia NIZ 132 KV D/c. (b) Gokarna-Kuli 132 KV D/c. (c) KTPS-Tamluk 132 KV D/c (d) Kasba-KLC-Saltlake 132 KV D/c. (e) Kasba-Sonarpur 132 KV D/c. (f) Newtown 220 KV-Saltlake GIS (g) New Chanditala-Rishra 220 KV S/c. -Installation of Switchable reactor & Shunt Capacitor : (a) 125 MVAR 400 KV Bus Reactor at Arambag 400 KV Substation. (b) 590 MVAR 33 KV Shunt Capacitor at 35 No.different Subststion.
3.	Reconductoring & Insulator replacement
2017-18 & 2018-19	To regain rated ampacity & improve system stability,re-conductoring of the following lines is under progress & expected to be completed during FY 2018-19. (i) 220KV KTHP-Howrah D/C Line (R.L. : 7.0 KM) (ii) 220KV STPS-Durgapur,STPS-Asansol & Asansol-Durgapur Line excepting LILO portion. (R.L. : 102 KM) (iii) 220KV BKTHP-Satgachia D/C Line (R.L. : 92 KM) (iv) 220KV STPS-New Bishnupur D/C Line (R.L.: 110KM).
2017-18 & 2018-19	To reduce unscheduled outage & improve system availability, replacement of existing conventional age-old insulators by polymer insulators is under progress & expected to be completed : (i) 220KV Jeerat-Rishra D/C Line. (ii) 220KV New Bishnupur-Arambag D/c Line (iii) 220 KV Arambag-Domjur D/c Line. (iv) 220KV Arambag-New Bishnupur D/C Line. (v) 220KV KTHP-Howrah D/C Line.
4.	Bulk Power Supply to different TSS/Transmission Line Diversion for RVNL/ NHAI Railways/WBHDCL etc.
2017-18 & 2018-19	Following Bulk Power supply and major diversion works i.r.o. Transmission Lines are under execution & expected to be completed: (i) Bulk Power Supply to TSS: Talpur, Goghat (Commissioned), Lakshmikantapur (Completed), Jhargram (Completed), Bishnupur, Hotor, Samsi (Commissioned), Dalkhola, New Moynaguri, Jangipur, Contai (Commissioned). (ii) NHAI /Asian Highways/WBHDCL/PWD : - NH-34:Bagula – Ranaghat 66 KV S/C (Completed), Gokarna – Debagram 66 KV S/C, Raiganj – Dalkhola 132 KV D/C (Karandighi By-Pass), Raiganj – Malda 132 KV D/C (Tenohari By-pass :Completed), Raiganj – Dalkhola 132 KV D/C (Baharduari By-Pass : Completed), - NH-31D: 132 KV D/C TCF I- II and TCF I-III, - Asian Highway-48: Birpara – Hasimara 66 KV S/C, - PWD: 220 KV TLDP IV - Kalijhora D/C, - WBHDCL:220 KV Jeerat Dharampur D/C , 132 KV Bandel Dharampur D/c, 132 KV Dharampur Titagarh, 132 KV Jeerat Dharampur D/C, Jeerat Satgachia 220 KV D/C, 132 KV Adisaptagram-Belmuri , 132 KV BTPS-Bighati, 132 KV BTPS-Dharampur, (iii) Eastern Railways: - Ahmendpur – Katwa Section: Katwa – Gokarna 132 KV D/C, Katwa – Debagram 132 KV D/C (Completed). - Balgona – Katwa Section: Katwa- Gokarna 132 KV D/C, - Khanna-Kopai & Khanna-Jhapater Dhal Section: 220 KV D/C BKTHP-Satgachia,132 KV D/C Mankar-Mahachanda. (Completed). (iv) South-Eastern Railways: - Doubling of Rail Track between Andul & Baltikuri at Howrah (Bankra) : Howrah – Liluah 132 KV D/C Transmission Line (Ckt. III & IV) (Completed) (v) Bulk/etc.: - Damodar Valley Corporation (DVC): 220 KV STPS - Durgapur – Asansol (partially Completed), - Medical College at Abdulghata(Site-2), Raiganj: 132 KV S/C Raiganj – Gangarampur - West Bengal Live Stock Development Corporatation Limited: Establishment of commercial chicken layer Farm at Kalyani :132 KV D/C Bandel – Dharampur. - Diversion of own Transmission line for greater flexibility,maintenance, etc. : i. KTHP-Uluberia 132 KV D/cLILO at Bagnan. ii. BTPS – Satgachia 132 KV D/c LILO at Khanyan iii. New Haldia (Bajkul) – Egra 132 KV D/c LILO at Contai

2017-18 & 2018-19	(vi) RVNL:
	a. New Garia – Biman Bandar Metro Section:
	i. Kasba – Salt Lake 132 KV D/C, NT AA – I - Salt Lake AIS/GIS 132 KV D/C, ii. Kasba – Jeerat 220 KV D/C, Kasba – Subhasgram 220 KV D/C. (Completed)
	b. JOKA – BBD Bag Metro Section: Behala (JOKA) – Garden reach 132 KV D/C,
5.	Construction of 33 KV Bays under IPDS/DDUGJY/O&M Scheme
2018-19	Under IPDS/DDUGJY/O&M Scheme of WBSEDCL, around 75 No 33 KV feeder bays will be constructed, work of which is under process.
6.	System Improvement
2018-19	1. Replacement of Old aged 12 KV Switchgear Panel by new 12 KV Switchgear Panel. Kalimpong (Commissioned), Kamakshyaguri, Rampurhat, Behala, Tarakeswar, Birsingha, Domjur, Rishra and Moynaguri.
	2. Installation of 2nd Set 132 & 33 KV Potential Transformer: Bolpur, Rampurhat, Tarakeswar, Hura, Barasat, Adisaptagram, Chanditala, NJP, Uluberia, Jhargram, Raina, Mahachanda, Purulia, Samsi, Malda, Birsingha, Mankar, Tamluk.
	3. Battery & Battery Charger: Arambag, Raiganj, Jhargram, Katwa, Malda, Barasat, Saltlake, NBU.
	4. Replacement of Old aged installed Equipment by new Circuit Breaker/Current Transformer/Isolators at different Substation.
7.	Diagnostic Equipment
2018-19	Procurement of following Diagnostic Equipments (in No):
	1. Digital Insulation Tester: 40
	2. Circuit Breaker Time Interval Meter: 35
	3. Digital A.C. Clamp Meter : 43
	4. Digital D.C. Clamp Meter : 04
	5. Dynamic Contact Resistance Measurement Kit : 03
	6. 3rd Harmonic Measuring Device: 08
	7. Tan Delta and Capacitance Measuring Kit: 04
	8. Thermovision Camera: 10
	9. Partial Discharge measuring Kit (for Switchyard): 23
	10. Partial Discharge measuring Kit (for Switchyard): 22
	11. Offline Signature Analyser: 04
	12. GPS Coordinate Locator: 08
8.	Civil System Improvement
2018-19	The following works are under execution & expected to be completed :-
	1. Building:
	a. Construction of "GREEN", G+6 Corporate Office Building of WBSETCL at Plot No. : AH/3 within Action Area – I, Newtown, Kolkata.
	b. Construction of 07 Nos. Administrative Building at Durgapur (Completed), Midnapur, Berhampur, Silliguri, Howrah and Purulia.
	c. Const of 4 Storeyed WBSETCL Knowledge Centre, Newtown.
	d. B & C-Type Quarter/Inspection Bungalow: Domjur, Kasba, Balurghat, Coochbehar, Hasimara and Bolpur.
	2. Earth Mat: Raiganj, Balurghat and Birpara,
	3 Crushed Stone/ Gravel Stone Spreading: Hamiltongaunj, Jangipara, Subhashgram, Raghunathpur, Alipurduar, Sonarpur, Kasba, Debogram and Gokarna,
	4. Boundary Wall: Bolpur and Tarakeswar.

STATE LOAD DESPATCH CENTRE

As per provision 32 under Part V of the Electricity Act 2003, the West Bengal State Load Dispatch centre (WBSLDC) is the apex body to ensure integrated operation of the power system in the state of West Bengal. SLDC acts in co-ordination with the transmission utilities, generation agencies, distribution licensees, ERLDC and ERPC. SLDC plays an important role in maintaining different system parameters (e.g: frequency, voltage, line/transformer loading etc.) of the State Grid as an integral part of the National Grid as per prevailing regulatory guideline through round-the-clock system monitoring. SLDC also carries out intra-state Energy Accounting in the state of West Bengal.

Activities of SLDC :

A. Technical functions-----

1. Round-the-clock monitoring of the state EHT network maintaining

- a) Security b) Reliability c) And to achieve optimum economy.
- Balancing Load-Generation through proper scheduling of state as per different requirements of each constituent in each 15 minutes time block throughout the day (i.e 96 blocks) within regulatory framework.
 - Granting proposal for shutdown of network elements as and when required by different licensees to carry out maintenance and augmentation work after detailed network study considering Grid security.

4. Load-flow study and analysis and declaration of Total Transfer Capability (TTC) & Available Transfer Capability (ATC) of West Bengal State Transmission Network considering forecasted load/generation data of all the state entities.
5. WBSLDC co-ordinates with other statutory bodies like ERLDC, ERPC to ensure healthy operation of the WEST BENGAL system as an integral part of National Grid.

B. Commercial functions-----

1. State level Energy Accounting

- a) Preparation of FINAL schedules.
- b) Processing ABT compliant meter data for each day.
- c) Preparation of Deviation Settlement bills.
- d) Preparation of monthly Capacity charge statements and certification of the same.
- e) Preparation of variable energy statements and certification.
- f) Preparation of Intra-state Reactive Energy Charge bill.

2. Granting permission for open access power trading, both bilateral and trading through exchanges, keeping ATC/TTC limits in view.

3. Maintaining/Operating the UI pool fund.

4. Computation and collection of Transmission charges, SLDC charges, Meter charges etc. as Nodal agency for Intra-State STOA.

C. Statistical functions-----

1. Providing daily statistical report to CEA, ERPC, ERLDC and other State authorities.

2. Different record keeping for daily, monthly and yearly power system report i.r.o-----

- i) Unit-wise and total power generated by generating agencies
- ii) Total energy demand met, load-shedding and demand potential of distribution licensees and the state as a whole
- iii) Maximum demand met and maximum demand potential of distribution licensees and the state as a whole
- iv) States share in Central generating stations
- v) Tie-line exchanges
- vi) Details of power trading
- vii) Any other relevant power system reports

3. Generating reports as per Regulatory directives.

4. Providing statistical data for future system planning.

D. Other functions-----

1. Coordinating and organizing different meetings with state entities as well as with ERLDC and ERPC for properly addressing different techno-commercial issues within the state.
2. Implementing different directives for statutory bodies like: CERC, WBERC, CEA for secured Grid operation and commercial settlement.
3. Acting as a State Agency within the State of West Bengal for giving Accreditation certificate to Renewable Energy Generator to participate in REC mechanism.

Progress & Achievements of SLDC during the year 2017-18 :

◆ Achievement:

- a) Successful Mock Black start operation of TLDP-III – Dec 17.
- b) Successful Mock Black start operation of TLDP-IV – Mar 18.
- c) Using available resources SLDC ensured round the clock integrated operation of state power system with ER grid to provide quality power supply across the state through proper management of system parameters (e.g Voltage, VAR etc) throughout the year.
- d) Arranged for alternative power for CESC within shortest possible time after failure of CESC's internal generation (totally or partially)
- e) Introduction of new intra-state entity IPC(H)L which is currently known as Hiranmayee Energy Limited and successful incorporation of the same in intra-state Energy Accounting.
- f) SLDC's action regarding VAR management & continuous persuasion & monitoring of intra-state generators to absorb VAR during winter lean hours has helped in controlling over voltage & thereby reduction of high VAR bill of the state.
- g) WBSLDC handled the State network efficiently to transmit the power to meet the demand. During the period 2017-18, State total system (52738 MU) [WBSEDCL + CESC + DPL + IPLC] has increased by 2.81% and peak system (8454 MW) increased by 1.53% w.r.t 2016-17.

◆ Progress:

- a) 100% metering i.r.o WBSEDCL has been completed. However, at present due to inadequate infrastructure at WBSLDC end, energy accounting i.r.o WBSEDCL is not being done against these boundary meters. Furthermore, real time scheduling is becoming much more complex day by day with new regulatory mandates, new open access customers. Therefore, WBSLDC has the future plan for a comprehensive IT solution along with commensurate hardware installation at SLDC for intra-state energy accounting as well as for West Bengal power system data management based on 100 % metering and web-based scheduling.

In line with the above plan SLDC has prepared a DPR of comprehensive IT-solution for state level energy accounting as per guideline of "SAMAST" published by Forum of Regulators. After taking necessary approval from Board of Directors, SLDC has applied to PSDF Secretariat to consider the project proposal for funding under PSDF scheme.

Load Management Highlights: 2017-18**A. ENERGY CONSUMPTION IN WBSEDCL SYSTEM (IN MU)**

2017-18	2016-17	GROWTH(%)
36153	34882.89	3.64%

B. ENERGY CONSUMPTION IN CESC SYSTEM (IN MU)

2017-18	2016-17	GROWTH(%)
10883	10614	2.53%

C. ENERGY CONSUMPTION IN DPL SYSTEM (IN MU)

2017-18	2016-17	GROWTH(%)
1978	1913	3.41%

D. ENERGY CONSUMPTION IN IPCL(GRID CONNECTED PART) SYSTEM (IN MU)

(Started drawing power from J.K Nagar S/stn from 11.12.15)

2017-18	2016-17	GROWTH(%)
507	351	44.20%

E. ENERGY CONSUMPTION IN WEST BENGAL SYSTEM (IN MU)

(Excluding the valley area served by DVC)

2017-18	2016-17	GROWTH(%)
52738	51299	2.81%

F. LOAD FACTOR (%) OF WBSEDCL SYSTEM

2017-18	2016-17
64.08	63.44

G. PEAK DEMAND (IN MW)

ENTITY	2017-18	2016-17	GROWTH (%)
WBSEDCL	6441	6277	2.60%
CESC	2131	2050	3.95%
DPL	280	287	-2.52%
IPCL	77	63	22.85%
WEST BENGAL	8454	8327	1.53%

CORPORATE MONITORING CELL**Activities:**

This Cell mainly deals with

1. Internal Technical Audit of EHV Sub Stations based on performance as per PWC Guidelines.
2. Co-ordination with Department of Power & NES, Govt. of West Bengal by forwarding Monthly Technical And Financial Status Report of ongoing projects of O&M and Project Wing of the Company.
3. Preparation and submission of other reports on behalf of the Company as per requirement of Dept. of Power & NES and other Departments of Government of West Bengal.
4. Preparation and submission of various reports for Central Sector Organizations like CEA, PFC etc., as per their requirements.

Achievements:

Up to financial year 2017 - 2018:

1. Round 1 Initial Technical Audit done at 14 nos. of Sub Stations.
2. Round 2 Initial Technical Audit done at 64 nos. of Sub Stations.
3. Good Co-ordination with Dept. of Power & NES, Govt. of West Bengal has been maintained by forwarding Monthly Technical and Financial Status Report of ongoing projects of the Company.
4. Timely submission of other reports as sought for by the Government has been made on behalf of the Company.
5. Preparation and submission of various reports for Central Sector Organizations like CEA, PFC etc., has been made as per their requirements.
6. Ranking of Substations as per their performance for awarding prizes to best performers has been made for the year 2016 – 2017.

Future Plan

1. Target of Technical Audit - Total nos = 106 nos.
(Round 1 ITA = 10 nos sub stations, Round 1 FUA = 13 nos of Sub Stations, Round 2 ITA = 36 nos of Sub Stations, Round 2 FUA = 47 nos of Sub Stations.)
2. Ranking of Substations as per their performance for awarding prizes to best performers for the period 2017-18 will be completed by 31/12/2018.

CORPORATE SAFETY CELL

Activities:

This cell mainly deals with

- WBSETCL Corporate Safety Cell has been established under Corporate to periodically review the safety performance of the Company / Construction Agencies, and advise appropriate additional measures, as required, for effective safety & accident prevention also to coordinate all safety promotion & accident prevention related activities of Transmission Lines and Sub-stations under construction as well as under operation, and to provide Technical support to sites for ensuring proper implementation of the Safety Policy & Procedures of the Company and applicable safety requirements during various activities.
- Preparation & submission of Monthly Accident Report to competent authority.
- Active participation in Safety Awareness Programme in different Sub-Stations under WBSETCL.

Achievements:

In the financial year 2017-18:-

- 09 nos. Safety Awareness Programs were arranged in different substations under various Area Offices compared to previous year.
- No. of accidents were 5 during 2017-18
- No. of victims were 9 during 2017-18
- No. of fatal accidents were 4 during 2017-18
- No. of non fatal accidents were 5 during 2017-18
- A committee has been constituted by the Director(HR&A), WBSETCL to prepare a safety and compensation policy of WBSETCL with a view to address various issues related to safety and compensation of both own Employees as well as the Contractor/Agencies a detailed report has already been submitted to the Director (HR&A), WBSETCL for implementation of the same & is under process towards publication.
- A committee has been constituted on 20.03.2017 by the Director (HR&A), WBSETCL to prepare a draft Disaster Management Manual to be followed in WBSETCL and its publication is under process.

Future Plan:

- A proposal has already been implemented for allotment of *Certificate of Award* to the Area Offices considering 'Zero' Accident in any substation under control of the same Area office during each financial year starting from 2017-18. Also it has been decided that *Certificate of Award* will also be given to 121 nos. of Sub Stations considering *Zero Accident Area* for 2017-2018.
 - Proposed Safety Awareness Programme at least 14 nos. of Sub Stations.
 - Training on various safety aspects is under consideration.
 - An additional requirement for safety of personnel at the switch yard is also under consideration.
- Proposed Surprise Safety inspections will be done in 14 nos. of Sub Stations.

PROCUREMENT

A. Estimated No/ Proposed No. of Order in the Year 2018 – 19

Sl. No.	Department	No. of Order(s)
1.	Transmission (Project)	15
2.	Transmission (O&M)	40
Total		55 Nos.

B. No. of Tenders in the year 2018 – 19

Sl. No.	Department	No. of Order(s)
1.	Transmission (Project)	10
2.	Transmission (O&M)	25
3.	IT	01
Total		36 Nos.

C. No. of Orders placed in the year 2017 – 2018

Sl. No.	Department	No. of Order(s)	Financial Involvement (Rs.)
1.	Transmission (Project)	18	451,02,96,293.00/-
2.	Transmission (O&M)	18	112,29,68,306.00/-
Total		36 Nos.	563,32,64,599.00/-

D. Tender Carried over from 2017 – 18 : 11 Nos.

E. Tender Cancelled for the year 2017 – 18 : 05 nos. (Out of which 5 nos. were partially cancelled)

CENTRAL PLANNING DEPARTMENT

Brief report on activities, progress, achievements

Sl. No.	Category	RE 2017-18 (Rs.in Lakh)		BE 2018-19 (Rs.in Lakh)	
		Plan Work	Outside Plan Work	Plan Work	Outside Plan Work
1.	Transmission O&M	NIL	17875.00	NIL	27200.80
2.	Transmission Project		88472.92		101158.79
3.	Testing		853.00		897.00
4.	Communication		5802.00		1350.00
5.	IT Department		203.00		716.00
6.	SLDC		32.00		1000.00
7.	Other Indirect Capital Expenditure		585.00		542.00
8.	Total Expense Capitalized		10790.49		9454.46
	Total		124613.41		142319.05

Financial Outlay for the capital works (finalization of Budget of the Organization)

Technical & Administrative Approval Order Issued during the Financial Year 2017-18:

Sl. No	Category	Voltage in kV	Year 2017-18	
			No of TAA Order Issued	Amount (Rs. in Lakh)
1	New SS & Associated Transmission System	220 & 132	10	65953.79
2	New Line & re-configuration of Connectivity	220 & 132	7	5899.76
3	Transformer Augmentation	132/33 & 33/11	22	8089.23
4	Deposit Works		38	14559.69
5	System Improvement	400, 220, 132	82	13782.64
6	Bay Extension	132 & 33	17	1378.88
7	Survey work for Transmission line	132 & above	10	64.50
8	Miscellaneous		33	1821.56
	Total		219	111550.04

Achievements till date in the year 2017-18:

- Scheme for Establishment of 220 kV GIS at Jangalpur & Mongalpur, 132 kV GIS at Harischandrapur, Kona, Kushmundi, Ramnagar, Panchami & Labhpur and upgradation of existing Bagula & Hasimara 66 kV Substation to 132kv has been finalized during this period & TAA order has been issued after obtaining approval of BOD, WBSETCL.
- Petition has been submitted to the WBERC toward obtaining investment approval amounting to Rs.805.63 Crore for 6 no New Substation projects and 5 no New Transmission lines, which is under the process of approval of WBERC. Approval of incurring capital expenditure of Rs.379.95 Crore has been obtained from hon'ble WBERC against 5 no Transmission Project.
- Project Proposal of estimated cost of Rs.90.75 Crore for two schemes have been submitted to the NLDC to obtain Grant under PSDF Fund.
 - Extension (10%) of ongoing project "Renovation and Up-gradation of Protection System of WBSETCL"
 - Installation of 5 no 125 MVAR, 420 kV Bus Reactor at different 400 kV Substation of WBSETCL for reactive power management of the Grid.
- Two project proposals have got approval of Ministry of Power, Govt. of India (Grant of Rs.113.50 Crore out of Sanctioned Estimated Cost Rs.141.70 Crore) from PSDF. Schemes are :
 - Installation of Switchable Reactor & Shunt Capacitors
 - Relieving congestion in intra State Transmission System using HTLS Conductor.

Target during year 2018-19:

- Finalization of Perspective Plan of WBSETCL Up to the year 2024-25&Obtaining approval of BOD, WBSETCL. Submission of petition to Hon'ble WBERC to obtain approval toward incurring Capital investment according to approved Perspective plan.
- Finalization of schemes for following new EHT Substations: 1) New Katwa 400/220 kV GIS, 2) Belmuri 220/132 kV (upgradation), 3) Falakata 220/132/33 kV, 4) Jagatballavpur 132 kV GIS, 5) Banarhat 132/33 kV GIS (Upgradation), 6) Chandiberia 132/33 kV GIS, 7) Shyamnagar/Jamtala 132/33 kV GIS, 8) Birlapur 132/33 kV GIS, 9) Manbazar 132/33 kV GIS, 10) Abdalpur 132/33 kV GIS, 11) Bakidanga 132/33 kV, 12) Patharpratima (Ramganga) 132/33 kV, 13) Chapra 132/33 kV, 14) Lolegaon 66/11 kV. TAA order of said Substations will be issued after completion of land acquisition procedure, line route survey and finally obtaining approval of BOD, WBSETCL.
- Submission of petition to Hon'ble WBERC to obtain approval for incurring Capital Expenditure of an estimated cost Rs.622.24 Crore for implementation of Nine no new Transmission scheme.
- Compilation of invoices and subsequent submission to NLDC along with inspection reports and compliance of necessary formalities toward successful completion of project named "Renovation & Upgradation of Protection System of 400 & 220 kV Substations of WBSETCL" approved for grant under PSDF (date of sanction – 31/12/2014).

ENGINEERING DEPARTMENT

The department deals with engineering aspects of all technical matters accompanying with the Company's new construction work under project department and augmentation/ renovation works under Transmission O&M departments. Engineering aspects related with the supply of power to the Bulk & Industrial consumers are also dealt by the department. The department introduces new/ latest technologies at pace with the development of T&D practices all over the country.

A. Current activities & achievement for 2017-2018:-

- Line Signature analyzer in transmission line.
- 220KV cable-conductor supporting composite tower.
- Substation automation through SAS/ SCADA
- Application of Tele Protection with Digital Tele Protection Coupler and fiber optic equipment.
- E- House with 33KV GIS, 11KV GIS and all other necessary power systems.
- VMS surveillance system
- One & half breaker scheme for 220KV & 400KV system.
- Implementation of AIS/ GIS Bus-duct in 11KV/33KV/132KV/220KV & 400KV system of substation.

B. Future plans & activities for 2018-2019 with adoption of new technologies by the Engineering department:-

Substation:-

- Implementation of PMU at different location of transmission network of W.B.
- Implementation of Bus-Bar differential protection at downstream level of 132KV system.
- Implementation of LBB protection in downstream level of 33KV system.
- Implementation of NIFPS for protection of Power transformer.
- Centralized control/monitoring of all GIS sub-stations from single point through SCADA.
- Implementation of 33KV GIS double bus arrangement in future projects for better flexibility i.r.o operation and maintenance.

Transmission Line:-

- 132KV double circuit Narrow base lattice steel tower.
- 132KV double circuit Monopole tower.
- Transmission lines surveillance system using drone.

REGULATORY AFFAIRS CELL

Activities, achievements, future plans for 2018-19 in respect of regulatory affairs of WBSETCL

Activities:

Filing Tariff petitions and Performance review petitions before the Commission, Studying draft regulations and commenting on them, appealing before the Commission/Appellate Tribunal, ensuring compliance of rules and regulations under Electricity Act, Providing Regulatory input to the management.

Achievement:

Timely submission of tariff petitions and comments on draft regulations.

Plans for 2018-19:

Submission of Tariff petition for the control period 2018-20 and Annual Performance Review petition for 2017-18.

COMPANY SECRETARY

The Office of the Company Secretary has taken a holistic approach in ensuring the Corporate Governance & compliance with various applicable laws to the Company. This office sensitizes various department of the Company about the changes in various corporate affairs and related laws. It always endeavors to ensure growth of Company in legally sustainable manner. This office is also responsible to identify the risk and adopt mechanism to mitigate the same.

1. To carry out the Legal Compliance Audit across the various office in order to identify or report pertaining to Statutory lapses, if any, and to advice appropriate measures to rectify the same.
2. To implement latest changes / amendments in various statutory provisions in respect of the applicable laws to the Company.
3. Initiative has been taken to alter the Article of Association in order to align with the present legal commercial business scenario prevailing in the economy.
4. Process has been initiated for obtaining unique code i.e. Legal Entity Identifier Code from Reserve Bank of India which would enable the Company for hassle free documentation and acquisition of credit line.

CORPORATE HR&A

To cope up with rapid advancement in the field of technology as well as in business process and with a view to provide best and quality services to the stakeholders there is an imperative need for every organization to formulate proper planning both long term and short term basis. In order to achieve the desired goal, planning needs to be evaluated at regular intervals. Human Resource, being the most valuable assets for any organisation, acquisition, development and maintenance of human asset are of utmost important. With the intent to contribute towards growth of the organization the followings are planned for the FY 2018-19.

1. Action plan has been chalked out to induct manpower as approved already by the Govt. of West Bengal within this Financial Year.
2. To arrange for training of all section of employees as per national training policy at the Company's training establishment at Staff Training Centre, Kalyani.

3. Development of another Staff Training Centre with all the modern training tools at NJP to provide training to the employees of the Company who are posted at North Bengal for better utilization of their skills and to uplift the knowledge level.
4. Selection of proper training programme to enhance the knowledge of technical employees for deputing them various training establishments outside states.
5. Development of WBSETCL Knowledge Centre at Newtown, Kolkata to develop a State of art learning hub for employees of the company.
6. Developing skill for the contractor labour through training process at STC, Kalyani.
7. To complete all pending promotion cases under CPS/vacancy based within the financial year.
8. Disposal of pending medical reimbursement cases by December, 2018.
9. Empanelment of hospitals for the purpose of treatment of the employees and their dependent family members.
10. Arrangements of health & safety related Seminars/Camps to ensure quality & safe work life of the employees.
11. Identification and allotment of CSR fund as per Company's policy.
12. Efficient operation of newly opened Inspection Bungalow (IB) of the Company at Salt Lake, Kolkata.
13. Monitoring of the commencement of the construction of Corporate Office building at Newtown, Kolkata as per time set by the management.
14. Efforts to complete the transfer of land from Govt. of West Bengal to WBSETCL i.r.o. EHV Sub-stations where construction works have been started. Approximately 17 acres of land is being planned for purchase/transfer/receive in other ways for 07 no. of new Sub-stations.
15. Completion of biometric attendance implementation at site offices of the Company by this financial year.
16. Selection of service provider for effective communication within the organization for CUG connection by this financial year.
17. Conduct of proper audit for requirement of security surveillance system and take necessary steps in this financial year i.r.o. Large Sub-station of the company
18. More than one hundred Newspaper Publication including Tender Notification, Shutdown Notification, UFR etc. was published throughout the FY 2017-18. During the last phrase of every year Calendar, Greetings Card, Diary, Annual Report etc. are printed through limited tendering process.

COMMUNICATION DEPARTMENT

Communication Dept. has been entrusted with various responsibilities for installation, testing, commissioning and subsequent maintenance work of VHF, PLCC, SCADA system, Carrier aided protection scheme, MUX, RTU, OPGW, OFC links etc. throughout the WBSETCL network.

Achieved Projects (2017-18):

- A. Currently the ULDC expansion project is being implemented under WBSETCL Network. 3577km out of 3728 km OPGW has already been laid under WBSETCL network.
- B. 1906 Km of OPGW is ready for SAT. SAT has been completed for 34 OPGW links under ULDC Expansion Project.
- C. Back-up SLDC has been set up at Abhikshan Bhavan, WBSETCL to carry out normal operation of SLDC in the event of exigency or hazardous situation at main SLDC, Howrah.
- D. Communication Equipment (SDH, PDH & DCPS) installed at the sub-stations of WBSETCL are at the final stage of commissioning.
- E. Leasing of 06 (Six) pairs of spare dark fibres of OPGW is in progress.
- F. Procurement of 96 nos. Digital Protection Coupler for 400 KV & 220 KV substations is under process for up-gradation of Protection System.
- G. Replacement of 35 nos. of old RTU and stringing of 1809 KM of OPGW under PSDF scheme is under progress for up-gradation of data acquisition system.

Future Plans (2018-19):

- Communication Equipment (SDH, PDH & DCPS) at the sub-stations of WBSETCL are at the final stage of commissioning under ULDC Expansion Project. The project is scheduled to be completed by June, 2018.
- Digital Protection Coupler for all 400 KV, 220 KV and 132 KV substations are to be procured via PSDF Fund.
- In addition to our existing OPGW network of 5,500 Km under ULDC Expansion Project and WBSETCL Project, another 1809 Km OPGW is to be laid under WBSETCL network via PSDF Fund to strengthen the Optical Fiber Communication System under WBSETCL network

INTERNAL AUDIT DEPARTMENT

Activities and Achievement of Internal Audit Department of WBSETCL for the Financial Year 2017-18: Relating to in house Internal Audit

- ◆ Total no of units audited

SI No	Particulars	No of Units Audited
1	Accounting Unit Offices	29 out of 29
2	Store Units	80 out of 80
3	Head Quarter Units	08 out of 08

- ◆ Initiated proposal for Implementation of the suggestion relating to Amendment in the Policy of granting Mobilization advance in respect of turnkey EPC Contracts which was approved by the Board of Directors in their 58th meeting held on 25th July, 2017 and adopted by the Company.

Relating to C & AG

- ◆ Initiation for conductance of Audit Committee Meeting with the C & A G Office to discuss and deliberate on the outstanding

Audit Paras related to different units of the Company.

During the period 01.04.2017 to 31.03.2018

Total No. of Audit Committee Meetings held with C&AG Team: Two

Total No. of Outstanding Paras discussed in the Meeting : Twenty seven

Total No. of Paras settled and treated as dropped : Twenty six

One Para was intimated to have been transferred to the category of Register of Important Paras (RIP) which would be finalized on subsequent verification of facts by the next Audit Team.

Updated Replies/Action taken by WBSETCL on the Audit Paragraphs 2.1(involving 43 Audit Paras) of the Performance Audit Report of C & AG on Performance of Power Transmission Utility in West Bengal for Financial Years 2007-12 was submitted to the Department of Power & NES on 05.12.2017

Future plan for the financial year 2018-19

1. Internal Audit:

With a view to increase the Audit Coverage it has been planned to cover all the Auditable Units in 2018-19 as depicted below

a.	No. of Units to be audited :-	145 Units
b.	Percentage of audit coverage in 2018-19	100.00
c.	No. of processes to be audited :-	682 nos.

2. Govt. Audit:

Govt. audit is planned & executed by resident wing of CAG. Internal audit dept. Co-ordinates, compiles (in case of Part IB/IIA para) and ensures timely submission of replies to CAG on behalf of the company

a.	Inspection Report paras will be monitored for being replied by the concerned units as and when received.
b.	Internal Audit will facilitate the concerned unit in finalising the Draft replies of Part IB/IIA paras of C & AG Reports for the year 2018-19 for ensuring timely submission of the same from the units.
c.	Follow-up and draft reply of part II/IIB will be facilitated for being furnished by the units as and when required.
d.	C& AG Office would be pursued for conductance of Audit Committee Meeting for threadbare discussion on Old Unsettled Paras of different Units based on their current status for settlement.

CORPORATE (F&A)

Corporate Plan for 2018-19 of the F&A department is as follows:-

- ◆ To achieve a Total Revenue of Rs 1584.41 Crore.
- ◆ To achieve a Profit of Rs 450.69 Crore.
- ◆ To achieve a CAPEX of Rs. 1423.19 Crore.
- ◆ To move ahead with an Independent Payroll Software and a comprehensive tally based accounting system.
- ◆ Timely Servicing of all Debt to enhance/retain the Credit Rating of the Company.

CENTRAL TESTING DEPARTMENT

- Incorporation of numerical protection system in a phased manner. Around one thousand old relays will be replaced under this plan.
- Commissioning of GPS synchronizing facilities for 70 nos. 132KV sub-stations .
- Commissioning of Event Logger panel for 70 nos. 132KVsub-stations .
- Resolving all the issues related to Third party protection audit and any other system or protection related issues required for integrated Grid operation, as required.
- Installation of DLMS compliant ABT meters at all the generating stations under WBPDC & WBSEDCL , as required.
- Bringing all new substations, commissioned during this period, under boundary metering scheme.
- Regular testing activities like commissioning of sub-stations, trouble shooting, preventive maintenance of protective system, up gradation of protection and control system, testing and repairing of relays, instruments, meters etc.

IT DEPARTMENT

1. Based on the recommendation of the committee for exploring the options of acquiring the SAP-ERP ICT infrastructure on Cloud based platforms, the tender has been floated for selection of suitable bidder for implementing the SAP-ERP in cloud.
2. The SAP-ERP Solution which has been developed will be deployed in the Cloud Infrastructure in collaboration with the Implementation Partner and WBSETCL functional officials.
3. Technical interfacing and coordinating with NIC and vendor will continue for system operation and further needs of e-procurement and registration of digital signatures in WBSETCL.
4. Annual Maintenance contract, system operation and monitoring of the bio-metric attendance system at Vidyut Bhavan will continue in collaboration with Facility & Logistic Cell and system vendor i.r.o AMC of the same. The process to implement Bio-metric attendance system at Abhikshan Bhavan and other 27 area offices of WBSETCL is underway.
5. Preparation of technical specifications and vetting i.r.o IT related procurement of various departments will continue along with interaction and coordination with vendor i.r.o AMC of server hardware and software installed at Corporate Finance Department.
6. Technical interfacing and coordinating with Corporate HR&A regarding the selection of vendor for E-recruitment process.
7. Enhancement of Corporate Web Hosting Services for WBSETCL is on-going to improve the look and feel and catering the statutory requirements and user necessities.
8. Coordination and System monitoring i.r.o Corporate E-Mailing Services is carried out and the service will be enhanced for serving further document management needs of user departments.



WBSETCL

WEST BENGAL STATE ELECTRICITY TRANSMISSION COMPANY LIMITED

(A GOVERNMENT OF WEST BENGAL ENTERPRISE)

Registered Office: Vidyut Bhavan

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