

Special Achievement of Power & NES Department during the Financial Year 2016-2017

1. Under **Special BRGF Scheme (Sabar Ghare Alo)** all household electrification works have been completed in 9 districts, namely Jalpaiguri, Alipurduar, Uttar Dinajpur, Dakshin Dinajpur, Malda, Birbhum, Bankura, Purba Medinipur & Paschim Medinipur out of 12 districts taken up. Work for Purulia & Murshidabad districts will be completed by January, 2017 and that of South 24 Parganas in March, 2017. Till 22/12/2016, **15.88 lakhs service connections have been effected.**

Further under **RGVY (XIIth Plan)** electrification of BPL households in the rest 7 districts of the State were taken up. Service connection to 24,885 BPL households & 2.54 lac APL households in 5525 villages have been effected till 02/12/16 against the target of 40611 BPL households 3.20 lakh APL households and 6367 nos of village with fund assistance of Govt. of West Bengal.

Electrification work of 14 nos. un-electrified villages and intensification of 59 nos. partially electrified villages and providing service connection to 31,305 BPL Hhs in these 73 nos. villages in 3 (three) blocks viz. (i) Pathar Pratima, (ii) Gosaba & (iii) Namkhana of Sundarban area in the district of South 24 Parganas has been taken-up under DDUGJY Scheme.

As on 22.12.16, out of a total no. of 14 nos. un-electrified villages, 2 nos. villages have been energised and out of 59 nos. partially electrified villages, 3 nos. villages has been energised Approx. 3000 service connection is completed till date. Balance work for electrification including service connection in all 73 villages is expected to be completed by March, 2017.

In addition to above, 41 nos. 33/11 KV Sub-Stations are being constructed under different RE schemes to address low voltage issues.

2. A new program have been started under **Sech Bandhu (DDUGJY)** for access to power for all households as well as to improve the overall distribution infrastructure for 24x7 power supply in rural areas of West Bengal. Total project cost (including PMA Charges) amounting to Rs. 4262.10 crores has been sanctioned. Execution of work for 20 nos new 33/11 KV Sub-Stations under DDUGJY have been started departmentally.

3. In **Integrated Power Development Scheme (IPDS)**, Rs. 2866.76 crore has been sanctioned to WBSEDCL for strengthening of distribution network and improvement in metering infrastructure in the urban area. Fund has been received against scheme Rs. 173.44 Crores from MOP, GOI and Rs. 71.7 Crores from GOWB till now. Project implementation has already started.

One pilot project has been taken up for conversion of overhead conductor to UG cabling system of Bansdroni 11 kV feeder under Garia Division, 24 Pgs (South) having route length of approximately 4 KM HT line & 4 KM LT line which has been completed and charged. Augmentation/capacity enhancement of 6 nos. 33/11 KV Sub-Stations has also been completed in this year.

4. As a part of IT initiatives, WBSEDCL has launched the “**VIDYUT SAHAYOGI**” mobile application, which facilitates consumers for instant application of new connection, bill payment, application for load enhancement and lodge complains (technical and non-technical) with unique docket number. Consumers can also give feedback regarding services of WBSEDCL through this app. Presently it is rated as 4.3 out of 5 stars by the users in Google Play Store. SKOCH Group awarded “SKOCH Order-of-Merit” among top-100 projects in India for **VIDYUT SAHAYOGI** for the year 2016.

5. **Customer base** of WBSEDCL increased at a rapid pace, which has crossed the **1.70 Crores mark in November, 2016**. On-line payment system introduced for all L & MV customers, **100 Nos. additional Cash Collection Kiosks** have been added with the existing 150 Cash Collection Kiosks i.e. total **250 Nos** to facilitate the customers to make payment beyond office hours.

Different activities during April, 2016 to November, 2016:

Sl. No	Item	Numbers increased	Cumulative Figure
1	Energisation of Agricultural Pump sets	12,809 nos	2,78,818 nos
2	Industrial connection	3797 nos	96132 nos
3	Installation of new Distribution Transformers	8,735 nos. (capacity : 403.53 MVA)	2,32,499 nos. (capacity : 10990.57 MVA)
4	New 33/11 Sub-station with capacity	19 nos (capacity: 173.25 MVA)	543 nos (capacity: 8468.35 MVA)
5	Spot Billing of L&MV consumers through android smart phone having connected load below 50 KVA.	100% consumers	100% consumers

6. **A 10 MW Solar PV Project** at the bank of Mahananda Main Canal (MMC) has been commissioned on 18.08.2016 and the power generated till date is 50 MU.

Another three numbers 10 MW Solar PV Projects are being taken up at Mejia in Bankura, STPS Township of WBPDC and at Charrah in Purulia, under RIDF Tranche XXI. Following the progress NABARD has sanctioned additional 40 MW Solar PV Projects (10 MW x3; 4 MW + 6 MW) in Paschim Medinipur (2) and Purulia (3) at an outlay of 240.62 Cr under Tranche XXII.

7. Infrastructure has been completed for **SCADA Control Center**, Asansol and **SCADA Disaster Recovery Center**, Berhampur and made ready for installation of SCADA software & hardware.

8. **No of accidents has been reduced** from 144 (April 15 to November 15) to 135(April 16 to November 16) i.e., percentage reduction 13% though electrical networks despite huge increase in number of customers.

9. **WBSEDCL has been awarded** under the '**Outstanding Innovation (2015-16)**' category for customer service, power purchase cost at the 17th Regulators & Policymakers Retreat 2016, organized by Independent Power Producers' Association of India (IPPAI) held on 24th September, 2016 in Goa.

10. Unit No. 5 of 215 MW capacity of Bandel Thermal Power Station has been commissioned on 24th November, 2015 after successful implementation of the Energy Efficient Renovation and Modernization programme. The project has been executed with World Bank assistance, for the first time in India, and will ensure sustained generation for the next 15 years from the Unit. Construction of 2 Extension Units of 500 MW capacity each, Unit No. 3 & 4, at Sagardighi Thermal Power Station have been declared for commercial operation w.e.f. 01st July, 2016 and 20th December, 2016 respectively.

11. Consequent upon cancellation of coal blocks by the Hon'ble Supreme Court of India, the Ministry of Coal, Government of India has allocated six (06) number of coal mines viz. Pachhwara (North) in the District of Pakur in Jharkhand, Barjore, Gangaramchak & Gangaramchak-Bhadulia & Kasta (East) in the District of Birbhum, Barjora (North) in the District of Bankura and Tara (East and West) in the District of Burdwan in West Bengal on 31.03.2015 in favour of the West Bengal Power Development Corporation Limited (WBPDC) through Government dispensation route. Kasta (East) is currently non-operational block.

12. WBPDC has appointed Mine Developer and Operators (MDOs) for the said mines through transparent bidding process. Coal Mining Agreements (CMAs) in respect of the said coal mines (excepting Kasta (East)) have already been executed during October, 2016. Remaining statutory compliances for commencement of mining activities in the said coal blocks are under process and all out efforts are being made to start production activities as early as possible.

13. The Government of West Bengal (GOWB) has approved installation of another unit of 660 MW Capacity (previously approved for 500 MW capacity) - Unit No.5 at Sagardighi. The GOWB has already contributed Rs.770.57 Crore towards equity for the unit. Steps have already been initiated to start construction activities and finalising of financial tie-ups for the Unit No.5.

14. M/s. Bengal Birbhum Coalfields Ltd. a Joint Venture Company amongst Seven State Power Generating PSUs from Bihar, Uttar Pradesh, Karnataka, Punjab, Tamil Nadu, West Bengal & SJVNL has been formed for mining of coal from Deocha-Pachami Harinsingha Coal Block in the district of Birbhum allocated by the Ministry of Coal, Govt. of India. WBPDC holds around 28% share of total coal available from the block.

15. In the transmission sector, the state Government has planned for commissioning of following substations in the year 2016-17 :

400/220 kV substation at Chanditala, Dist: Hooghli,

220/132/33 kV Substation at Vidyasagar Park (Midnapur West district),

132/33 kV Substation at Bajkul (East Midnapur district).

- Up-gradation of following existing substation was also planned in the year 2016-17:
Up-gradation Gokarna 220 kV Substation to 400 kV

- Up-gradation of Egra 132 kV Substation to 220 kV

- Out of this, Egra 220 kV GIS, Vidyasagar Park 220/132/33 kV GIS and Bajkul 132/33 kV GIS has already been commissioned before November, 2016.

Proposed Plan Outlay of Power & NES Department for the FY 2017-18

Rs. in lakh

Sl no.	Name of the utility	Name of the Scheme with H/A	Name of the project/Plan				Amount	Remarks
			EAP	RIDF	SPL. BRGF/GOI share	Core Plan		
1	2	3	4	5	6	7	8	9
2	WBPDCCL	(i) SgTP u- 3 & 4- Equity- 4801-SP				32957	32957	Total Project Cost Rs:- 602950 lakh. Total State Equity (approved) :- 180885 lakh. Fund disbursed till date:- Rs. 145678 lakh. Balance Fund of Rs. 2250 lakh has been sought for in the CFY and moved to FD. Fund reqd. for 2017-18 is Rs. 32957 lakh.
		(ii) Kolaghat TPS u-1,2 & 3 Euity-4801SP				90	90	Proposed project outlay for R&M of Kolaghat TPS and Santaldih TPS :- Rs. 60000 lakh with Loan : equity ratio 70:30. proposed equity amount for Kolaghat TPS :- Rs. 90 cr. Fund reqd for FY 2017-18 :- Rs. 90 cr.
		(iii) Santaldih TPS				90	90	Proposed project outlay for R&M of Kolaghat TPS and Santaldih TPS :- Rs. 60000 lakh with Loan : equity ratio 70:30. proposed equity amount for Santaldih TPS :- Rs. 90 cr. Fund reqd for FY 2017-18 :- Rs. 90 cr.
3	DPL	(i) unit-8 Equity- 4801-SP				19850	25850	Revised Project cost :- Rs. 192500 lakh (approx) to be approved. Sanctioned equity amount :- Rs 34000 lakh(approved). Rs. 34000 lakh has been disbursed. B.P for the financial year 2016-17 is Rs. 3900 lakh. Additional Equity reqd for F.Y. 2017-18 :-Rs. 19850 lakh.
		(ii) unit- 6 Equity- 4801- SP				6000		Proposed project outlay for R&M of unit no. 6 :- Rs. 6000 lakh. Equity reqd. In the FY 2017-18 :- Rs. 6000 lakh
		(iii) Loan for unit no. 7 & 8-6801-SP				0		
		(iv) maintenace (Spare pts)- 4801-SP				0		
4	WBREDA	2810-NCS-SP					1315	Fund required for the F.Y. :- Rs. 1315 lakh
		(i) Solar-SP (including ALO SHREE)				1080		
		(ii) SCSP-Thermal Power device				25		
		(iii) Wind-SP				45		
		(iv) Energy Park-SP				50		
		(v) Others-SP				115		
5	Others	(i) DoP-3451-SP				100	100	Fund required for 2017-18 :- Rs. 100 lakh
		(ii) DoE-2045-SP					33.25	Fund reqd. for 2017-18 :- Rs. 33.25 lakh (For procuring of Testing Bench for Lab Sec. and for development of IT intrastructure)
		a) 13-04-Other Office Expenses				14		
		b) 77- Computarization				19.25		
		Sub-Total						60435.25
Grand Total						367519.61		

Annual State Plan (2016-17)-Approved Outlays for State Plan (Scheme-wise)							Rs in lakh
Sl.No.	Major Head/Minor Head of Development (Scheme wise)	State Govt./ Public Sector/Local Bodies	BE	RE	Expenditure as on dt. 23-12-2016	Balance *	Remarks
1	2	3	4	5	6	7	8
1	6801-SP [PPSP]	WBSEDCL	1200 (State Share) + 3000 (EAP Share) = 4200	3000 + 1200 + 7700	400(State Share) + 10700 (Book adjustment)	800 (state share)	Rs. 10700 lakh (EAP) was adjusted with PAG
2	2801-SP [WBREP]	WBSEDCL	9700	26300	26300	0	UC amounting to Rs. 24.25 cr + UC of Rs. 166 cr pending
3	4801-SP [BRGF]	WBSEDCL	77438	31900	31900	0	UC of earlier sanction on BRGF Rs. 213.72 cr pending. UC of Rs. 319 cr. is also pending.
4	4801-SP [RIDF]	WBSEDCL	10800	10800	6746.11	4053.89	1. mobilization advance (20% of Rs. 240 cr) for projects under Tranche XXII may be claimed after obtaining work order. 2. reimbursement claim (Rs. 134 cr. for 3 projects under Tranche XXI may be sought for.
5	2801-SP [OCAS-DDUGJY] Central share	WBSEDCL	3900	3900	0	3900	OCAS Fund allocated by FD. Fund will be released after obtaining claim from utility
6	4801-SP-IPDS (Central share)	WBSEDCL	2600	2600	0	2600	OCAS Fund allocated by FD. Fund will be released after obtaining claim from utility
7	4801-SP-IPDS (State share)	WBSEDCL	1100	1100	0	1100	UC of earlier sanction of Rs. 7313 lakh is pending from WBSEDCL.Fund will be released after obtaining claim from utility.
	WBSEDCL		109738	76600	65346.11	12453.89	
8	2801-SP [BTPS- R &M u-5 (EAP)- Grant	WBPDCCL	Nil	109.37 (Book)	109.37 (Book Adjustment)		Fund will be released after obtaining claim from utility
9	6801-SP [BTPS-R&M (u-5) (EAP)-Loan	WBPDCCL	16800	16800	468.67 (Book Adjustment)	16331.33	EAP Fund allocated by FD. Fund will be released after obtaining fresh claim from utility.
10	4801-SP [BTPS-R &M (u-5)-Equity	WBPDCCL	9000	9000	6750	2250	75% of ceiling limit has been exhausted. Claim of balance 25 % is being sought for.
11	4801-SP [Sg. TTP (Ext. 3 & 4)-Equity	WBPDCCL	9000	9000	6750	2250	75% of ceiling limit has been exhausted. Claim of balance 25 % is being sought for.
	WBPDCCL		34800	34800	13500 (IFMS) + 578.04	20831.33	
12	4801-SP [DPL u-8] Equity	DPL	3900	3900	0	3900	queries against proposal of DPL is pending
	DPL		3900		0	3900	
13	2810-SP [NCES]	WBREDA	1200	30500	18.75	30481.25	proposal from WBREDA is pending
14	2045-SP [DOE]	DOE	50	50	26.5	23.5	
15	3451-SP	DoP	112	112	13.50707		
	Grand Total		149800	150162	78904.86 (IFMS)		
Core Plan :- Rs. 111862 lakh FD's ceiling 75% on Rs. 111862 = Rs. 83896.5 lakh (Expenditure on core plan Rs. 71758.71 lakh) expenditure including RIDF projects is Rs. 78904.86 lakh							% expenditure = 85.53% of the ceiling amount on core plan