

PHYSICAL VERIFICATION REPORT
(Conducted by Dy. Director, Planning on 20-01-2012)

1. Name of Project: Electrification of un-electrified/de-electrified villages in district Udhampur under RGGVY.
2. Funding Agency: GOI (RGGVY)
3. Executing Agency: NHPC through Larsen & Turbo on turnkey basis.
4. Year of Start: 2007
5. Year of Completion: 2009 (Targeted)
March 2012 (Revised Target)
6. Financial Status of Work:

(Rs. in crore)

Sanctioned Cost	38.85
Expenditure Incurred (up to 12/2011)	33.22
% Expdt.	85%

Item wise detail of expenditure

S. No.	Particulars	Cost as per RCE (in lacs)	Expenditure up to 20.01.2012 (in lacs)	% Expd
1	3.15 MVA, 33/11 KV Sub-stations at Basantgarh & Chowki	305.45	305.45	100%
2	33 KV Line (Ramnagar to Chowki & Majouri to Basantgarh)	211.16	117.19	55%
3	25 KVA, 11/.415 KV Sub-Stations	743.39	672.35	90%
4	11 KV HT Line	1531.64	1050.84	69%
5	415 Volt LT Line	890.83	963.49	108%
6	Service Connection BPL	202.20	212.85	105%

7. Physical Status of Work:

S. No.	Particulars	Unit	Target	Ach.	% Ach.
1	3.15 MVA, 33/11 KV Sub-stations at Basantgarh & Chowki	Nos.	2	2	100%
2	33 KV Line	CKm	35	19.424	55%
(a)	Ramnagar to Chowki			10.454	
(b)	Majouri to Basantgarh			8.970	
3	25 KVA, 11/.415 KV Sub-Stations	Nos.	429	388	90%
4	11 KV HT Line	CKm	481.28	330.20	69%
5	415 Volt LT Line	CKm	439.12	474.94	108%
6	Service Connection BPL	Nos.	10971	11549	105%
7	Villages				
	Handing over of files submitted	Nos.		489	
	Taken over certificates received	Nos.		470	

8. Necessity:-

The Rajiv Gandhi Grameen Vidyutikarn Yojana (RGGVY) was approved for implementation in the erstwhile district of Udhampur in order to electrify the 18 un-electrified/de-electrified villages, complete the electrification of 578 partially electrified villages and provide free electric kits approved under the project to the 47,962 BPL households residing in the villages that were to be covered.

9. Field Observations:

The RGGVY project under execution in erstwhile district Udhampur is nearing its completion. The physical progress report indicates that two 3.15 MVA, 33/11 KV Sub-stations have been constructed, about 19 kms of 11 KV HT Line, 330 kms of 11 KV LT Line, 475 kms of 415 volts service line has been laid, 388 number of 25 KVA electric transformers have been installed and about 489 number of un-electrified/ de-electrified/ partially electrified villages stand electrified till date.

The Deputy General Manager (DGM), NHPC Udhampur Division anticipates that the project would be completed by March 2012. However, the lower figures of physical achievement of HT/ LT lines laid and higher figures of Service Lines laid and installation of the free electric kits in more than the targeted number of BPL house-holds depicts an entirely different picture. As such, the reasons for the variation in achievements vis-à-vis the targets approved under the project was sought from the NHPC engineers. The DGM, NHPC, Udhampur was of the view that the PDD which had prepared the Draft Project Report (DPR) seems to have conducted a table survey instead of actually visiting the far-flung areas where the project had to be implemented. While executing works, the actual distances over which the electric conductors (HT/LT) had to be traversed

were found to be entirely different from what had been approved under the project. Especially, the length of service lines laid within a village had to be increased considerably because the houses were widely scattered on the hills. At times due to public pressure, the guidelines of the project also had to be over-sighted in order to provide electric connection to houses located too distant off and beyond the minimum approved span. Had the guidelines been strictly adhered to, it would not have been possible to attain the present level of achievement.

A few days prior to the day of field visit the higher reaches and far flung areas of districts Udhampur and Reasi, such as Dudu, Basantgarh, Panchairi, Gool, Mahore & Arnas, had witnessed heavy snowfall as a result of which the approach roads to these locations, where most of the infrastructure had been constructed under the project, were temporarily blocked or risky to drive on. Some of the engineers of NHPC who were working at the higher reaches had also been recalled and for the time being shifted to other sites which were not affected by snow and where pending work could be carried out. As such, after consulting with the DGM, NHPC it was decided to inspect the electric infrastructure at village Shahpur of district Reasi which was electrified by NHPC under RGGVY and handed over to Power Development Department (PDD) about two years back.

Village Shahpur is located on the slopes of a ridge on the bank of River Chenab across Reasi town. Shahpur comprises of about 23 BPL households, 1 APL household, a government primary school (in Rehana hamlet) and a mosque. The households in the village are widely scattered and mostly located along a spring which originates near the peak of the ridge and flows down stream for a considerable distance before falling into River Chenab.

The electrical infrastructure constructed/installed in the village comprises of: -

a. 11 KV HT Line

- (i) 11 Pre-Stressed Concrete (PSC) electric poles, 05 double and 06 single, of 08 metres length each.
- (ii) 05 steel (ST) electric poles, 02 double and 03 single, of 08 metres length each.
- (iii) 1.229 Km length of conductor (Set of three conductors equivalent to ACSR Weasal with average span of 67 metres) stringed.
- (iv) Pipe type earthing for double poles and coil type earthing for single poles.

b. 415 Volt LT Service Line

- (i) 04 PSC and 47 ST poles of 8 metres length each.
- (ii) 3.845 Km length of conductor (Set of two conductors equivalent to AAC Weasal with average span of 45 metres) stringed.
- (iii) Spike earthing of poles.

- c. A three phase 25 KVA distribution transformer along with associated equipment and accessories like HG fuse, LA, LT distribution box, all HT and LT connections, 3 point pipe earthing, Stay set, Danger Board, Anti climbing device etc.
- d. 25 service connections to 23 BPL households, a primary school and a mosque.

The electrical infrastructure under RGGVY has been constructed/ installed in village Shahpur about 3-4 years back, i.e. in 2008-09. The state PDD had taken over the infrastructure from NHPC about 2 years back.

About 5 kms length of the HT/LT lines which was laid and the 25 KVA transformer commissioned in the village was inspected and found to be intact. The quality of works executed looked good. At the time of visit the entire infrastructure was functional and there was electricity in all the homes of village Shahpur. In short, it could be said that the village which remained un-electrified even after 60 years of independence has finally been electrified. The people/beneficiaries of Shahpur are extremely happy ever since their village has been electrified.

The only concern is with regard to the negligible utility of the free electric kits provided under the project to BPL families. The electric kit provided to each BPL household free of cost comprises of: -

- (a) a single phase 5-20 amp. static type energy meter on wooden board with porcelain connector earthing terminal,
- (b) a 20 mm dia GI pipe for service main support,
- (c) PVC insulated aluminium cable, wooden board with 60-40 watt lamp holder and
- (d) a 5 amp. piano type switch for single point light connection.

Out of 25 free kits distributed among the beneficiaries, 23 have been provided to BPL households, 01 to the primary school and 01 to the mosque. However, only about 15 kits were found to be installed on the walls of the houses while as the remaining 10 kits were reported to have been installed but later on removed by the beneficiaries. Out of the 15 meters that were installed, only 05 meters, 01 in the mosque and 04 in BPL houses, were found to be actually functioning. The remaining 10 meters that had been installed were bye-passed and electricity is being directly supplied to the electric points in the houses, such as, switch boards, bulbs and heaters. The only APL house in the village of Sh Mohd Gafoor also did not have an electric meter because he was not a beneficiary, but he had hooked a wire on the service line to electrify his house.

On enquiring about the reasons for removing the meters, the beneficiaries informed that they stayed in the houses only for 06 months

during winter and migrated during summers to higher reaches (Dacchan/Paddar area) along with their herd of sheeps and goats. The beneficiaries told that in case they had not removed the electric meters and kept them in safe custody, these would have either been stolen by now or would have got damaged in inclement weather during their absence in summers. Some of the families were infact bakerwals who usually migrate to high reaches during summers and hence sounded logical but the other families who stayed in the village throughout the year and practiced farming had no justification for their mischief.

The beneficiaries were also asked if they were paying electric rent to the PDD. It was learnt that most of the beneficiaries were giving a lump sum of Rs 100 per household per month to the concerned line-man who never gave them a receipt. Some of the beneficiaries had also paid Rs 100 to the line-man for registration of electric connection (number) but none of them had been allotted the registration number against which they could deposit the monthly electric rent in the bank.

List of the beneficiaries of village Shahpur, Panchayat Kheral block Pouni district Reasi along with field observations/remarks

S.No.	Name of the Beneficiary	Field observation about the free electric kit provided to the beneficiaries house
1.	Mohd Sadiq	Meter provided but not functioning
2.	Mohd Sain	Meter provided but not functioning
3.	Mast	Meter provided but not functioning
4.	Kalia	Meter provided but not functioning
5.	Kalia	Meter provided but not functioning
6.	Mohd Tasif	Meter functioning
7.	Mohd Iqwal	Meter provided but not functioning
8.	Jaan Bibi	Meter provided but not functioning
9.	Mohd Latif	Meter provided but not functioning
10.	Mohd Faruq	Meter provided but not functioning
11.	Huqam Jaan	Meter provided but not functioning
12.	Feroz Din	Meter functioning
13.	Mohd Bashir	Household locked
14.	Sher Mohd	Meter provided but not functioning
15.	Mohd Khlid	Meter provided but not functioning
16.	Gullam Rasool	Meter provided but not functioning
17.	Mohd Bashir	Meter Functioning
18.	Masjid	Meter Functioning
19.	Mohd Akbar	Meter provided but not functioning
20.	Ajir Ahmd	Meter provided but not functioning
21.	Chandi	Meter provided but not functioning
22.	Abdul Rashid	Meter provided but not functioning
23.	Mohd Rafiq	Meter Functioning
24.	Gulzar Bibi	Meter/connection not provided to the household within the village but reported to have been provided to the house of her son which was at a considerable distance and away from village
25.	Govt. School Rehana	Meter provided but not installed, electric connection also not provided

10. Problem Areas/ Suggestions:-

The village Shahpur in Panchayat Kheral of district Reasi has been electrified under RGGVY by NHPC. The quality of work executed by Larsen & Turbo to whom the job was assigned on turn-key basis by NHPC is satisfactory. The PDD which has taken over the infrastructure established in the village under the said project from NHPC has to maintain and manage supply of power to the village and also ensure that revenue is collected on regular basis as per norms. But the officials of the PDD are not performing their duty with sincerity. Initiating disciplinary action against a particular line-man or JE on the basis of this report would not solve the problems highlighted in the field observations. There is hardly any village/town in the state where the illegal practice of power theft by the public in connivance with government officials of PDD does not take place. This fact cannot be denied since the power losses in our state are extremely high in comparison to most other states of the country. The PDD needs to take a holistic view of the matter and bring about necessary administrative reforms in order to address the problem areas.

During the course of discussions with the DGM, NHPC, Udhampur in his office, it was also learnt that work in about 26 villages of the district was pending for want of forest clearance. The correspondence of NHPC with PDD/Forest Department in this connection is also reported to not have been responded to by the concerned. Moreover, it was also reported that in some of the villages the locals are obstructing work of laying the conductor and the NHPC has sought assistance from the concerned District Development Commissioners to appease the locals so that the right of way is made available to the executing agency for completing the pending work. The Forest Department, Power Development Department and the concerned District Development Commissioners needs to examine the problems encountered by the executing agency and take appropriate steps for providing every logistic support to NHPC in completing the project without further delay.

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