

## **To Link TheDhanies Electricity Connection With Village Electricity Line**

- 80. SH. KULDEEP BISHNOI, M.L.A.:** Will the Power Minister be pleased to state whether there is any proposal under consideration of the Government to release new electricity connections and to link the electricity connection with regular electricity line to dhanies of villages in Aadampur Constituency alongwith to replace low capacity transformers with high capacity transformers?

### **RANJIT SINGH, POWER MINISTER, HARYANA**

Sir, the policy to provide electricity connections to Dhanies in the State including Aadampur Constituency is already in existence. Further, if any transformer is found to have low capacity, the same will be replaced with higher capacity as per requirement.

## Additional Information

It has been observed that with the passage of time many families residing within the laldora of the villages have shifted / migrated due to their family issues, feuds or otherwise and have establish their inhabitations in their agricultural lands. The number of Dhanies are increasing continuously.

For release of connections to Dera/Dhanies, the Policy circulated vide Sales Circular No. D-13/2017 dated 06.03.2017 states that **“connections to un-electrified Dera /Dhanies will be released on AP feeders having PAT facilities /by installing PAT wherever feasible and where it is not feasible the connection be released from the nearest RDS feeders.”**

Further, for the purpose of providing electricity supply, the minimum eligibility criteria for a Dhani are as under:

**Dhani:** “A cluster having population of 10 or more persons falling within a radial distance of 300 mtrs. from any reference point located within the cluster. For such clusters purported to be categorized as dhani, supply can be given by providing a single phase distribution transformer of 5/10/16 KVA capacity as per requirement of load of dhanies. The above limit of 300 mtrs. has been prescribed in view of the fact that it is the permissible length of LT Lines as per existing practice followed by DHBVN”.

Till 2010, the supply to the rural domestic and rural agriculture consumers was made through mixed feeders. Now, the domestic rural load and agriculture load have been segregated by erecting new 11 kV feeders for domestic rural supply and the existing feeders are supplying power to agriculture consumers. Those Deras and Dhanies which fall on agriculture feeders are being supplied electricity as per agriculture PRM. Their request is to get supply as per rural domestic PRM.

It was later noticed that special design transformer i.e. Pilot Advance Transformer (PAT) stands installed in Gujrat for this purpose and the system is successful. Therefore, a team of Haryana Power Department visited Gujrat and found that the system is successful and is very economical. The Govt. decided in 2013 to provide supply to all electrified Dhanies equivalent to rural domestic consumers by providing the specially design transformers i.e. Pilot Advanced Transformer (PAT) on AP feeders at Nigam's cost.

Both the DISCOMs together have purchased 1500 Nos. Pilot Advanced Transformers (PAT) of **capacity 250 KVA** at a cost of about Rs. 35 Crores. The PATs are installed at the Sub-Station end from where 11 KV rural agriculture feeders emerge. With the help of this transformer, a single phase power supply is released on the AP feeder on which various Dhanies are located. Accordingly, **single phase domestic supply is provided to Dhanies as equal to the hours of supply made to rural domestic consumers.**

The latest status of supplying electricity to Electrified Deras/Dhanies in DHBVN and UHBVN is as follows:

Sr. No.	Name of Circle	Nos. of AP feeder on which DeraDhanies running	Total No. of Dhanies falling on the feeders	No. of PAT T/F installed	No. of Dhanies covered
	<b>DHBVN</b>				
1	FARIDABAD	20	113	6	49
2	PALWAL	17	47	9	31
3	GURUGRAM-1	32	745	19	461
4	GURUGRAM-2	27	205	10	70
5	NARNAUL	208	4214	89	2877
6	REWARI	116	3267	53	1688
7	BHIWANI	294	10684	233	9526
8	HISAR	101	6259	47	4796
9	FATEHABAD	265	8030	156	7147
10	SIRSA	383	9481	237	7365
11	JIND	49	1307	35	1078
	<b>DHBVN</b>	<b>1512</b>	<b>44352</b>	<b>894</b>	<b>35088</b>
	<b>UHBVN</b>				
1	Ambala	93	358	30	221
2	Karnal	223	3390	223	3390
3	Kurukshetra	190	787	134	680
4	Panipat	33	143	6	96
5	Rohtak	0	0	0	0
6	Sonepat	0	1	0	0
7	Yamunanagar	169	1278	38	289
8	Kaithal	271	1329	74	939
9	Jhajjar	17	83	8	42
	<b>Total</b>	<b>996</b>	<b>7369</b>	<b>513</b>	<b>5657</b>
	<b>G. Total (DH+UH)</b>	<b>2508</b>	<b>51721</b>	<b>1407</b>	<b>40745</b>

**AADAMPUR CONSTITUENCY**

Sr. No.	Aadampur constituency	Nos. of AP feeder on which DeraDhanies running	Total No. of Dhanies falling on the feeders	No. of PAT T/F installed	No. of Dhanies covered
1.	<b>Aadampur</b>	<b>18</b>	<b>1180</b>	<b>17</b>	<b>1055</b>

It has been noticed that PAT transformers installed on some of the AP feeders has become overloaded due to new load growth of Dhaniesso PAT transformers of higher capacity i.e. 500 KVA are being arranged / purchased. The overloaded / low capacity transformers noticed will be replaced with higher 500 KVA capacity transformers.

Further, in order to provide electricity to the remaining un-electrified Deras/Dhaniesin the State which are not covered by AP feeders, it has been decided in principle that the un-electrified dhanies falling within a distance of 1 Km from the laldora of any village shall be provided electricity connections by the DISCOMs whereas un-electrified dhanies falling beyond a distance of 1 Km from the laldora of the village, shall be electrified through installation of standalone Solar PV system.

The general guidelines for releasing connection to suchdhaniesfalling within 1 KM of village Lal Dora stands circulated to the field offices vide CE/PD&C

Instruction No. 3/2019/PD&C dated 15.02.2019. As per the said guidelines, it is proposed to provide electricity connection by extension of single HTwire from nearby RDS/AP feeder and providing single phase DT of rating 5/10/16KVA as per load requirement. If the nearest feeder is AP feeder then connection shall be released by providing PAT transformer. ACD will be charged at normal rate as per existing instructions of the Nigam and LT line upto 150 mtrs beyond distribution T/F will be provided free of cost and LT line beyond 150 mtr from distribution transformer or common point of LT line, service connection charges shall be levied @ Rs. 175/- per meter as per prevailing instructions of the Nigam.

Pursuant to the issue of aforesaid guidelines, the details of un-electrified dhanies falling within a radial distance of 1 Km from the laldora of the concerned villages has been identified as under:-

Abstract of Un-electrified Dhanies with radial distance upto 1 Km /Beyond 1 Km from the Lal Dora of the concerned village							
Sr.No.	Name of Circle	Un-electrified Dhanies situated upto 1 Km radial distance from Lal Dora of the village		Un-electrified Dhanies situated beyond1 Km radial distance from Lal Dora of the village		Total Nos. of Un-electrified Dhanies	
		No. of dhanies	No. of households	No. of dhanies	No. of households	No. of dhanies	No. of households
DHBVN							
1	Bhiwani	75	150	57	131	132	281
2	Faridabad	2	46	0	0	2	46
3	Fatehabad	493	619	965	1073	1458	1692
4	Hisar	387	624	1121	1565	1508	2189
5	Sirsa	440	509	332	357	772	866
DHBVN (Total)		1397	1948	2475	3126	3872	5074
UHBVN							
---- Nil ----							

**Aadampur Constituency.**

Abstract of Un-electrified Dhanies with radial distance upto 1 Km /Beyond 1 Km from the Lal Dora of the concerned village							
Sr.No.	Constituency	Un-electrified Dhanies situated upto 1 Km radial distance from Lal Dora of the village		Un-electrified Dhanies situated beyond1 Km radial distance from Lal Dora of the village		Total Nos. of Un-electrified Dhanies	
		No. of dhanies	No. of households	No. of dhanies	No. of households	No. of dhanies	No. of households
1	Aadampur	147	381	497	532	644	913

The details of un-electrified dhanies which are to be electrified by HAREDA through installation of standalone PV system has been duly forwarded to the office of Director, New & Renewable Energy Department & HAREDA, Panchkula vide memo no. Ch-88/DD-307/D-I/Vol-I dated 7.09.2018 for doing the needful as per the directions of State Govt.

The Status regarding release of electricity connections to the applicants of aforesaid Dhanies as on 10.02.2020, is as under:-

Progress for releasing of Dhanies Connection in DHBVN falling within 1 KMs village Lal Dora as on 10.02.2020					
Name of Circle	No. of Dhanies	No of households	No. of applications received	No. of applications for which work order issued for its release	Connections released
<b>DHBVN</b>					
Bhiwani	75	150	102	75	47
Fatehabad	493	619	362	344	339
Hisar	387	624	172	156	99
Sirsa	440	509	272	270	246
Faridabad	2	46	46	46	46
<b>Total</b>	<b>1397</b>	<b>1948</b>	<b>954</b>	<b>891</b>	<b>777</b>
<b>UHBVN</b>					
<b>---- Nil ----</b>					

**Aadampur Constituency.**

Progress for releasing of Dhanies Connection in DHBVN falling within 1 KMs village Lal Dora as on 10.02.2020					
Constituency	No. of Dhanies	No of households	No. of applications received	No. of applications for which work order issued for its release	Connections released
Aadampur	147	381	46	42	40

The required PAT transformers for balance are being arranged.