

07.12.2022

To
Superintending Engineer;
DHBVN,
Gurugram

Subject: Assurance regarding ultimate power load requirement for proposed Affordable Plotted Colony under DDJAY-2016, situated in the revenue estate of village Gopalpur, Tehsil Harsaru, Sector-99A, Gurugram (License No.170 of 2022 dated 22.10.2022) over an area measuring 5.6375 Acre.

Dear Sir,

With reference to above, we are setting up an Affordable plotted Colony under DDJAY -2016 over an area of 5.6375 Acre situated in the revenue estate of village Gopalpur, Tehsil Harsaru, Sector-99A, Gurugram in collaboration with Bheem Singh, Jaibeer @Jagdish, Hira Singh and Pardeep Kuamr S/o Dalip Singh for which License No.170 of 2022 dated 22.10.2022 has been granted to us by DTCP, Haryana. Copy of said license with proposed lay out plan is attached for your reference and record.

As per clause p of license, the company has to convey the Ultimate Power Load Requirement of the project to the concerned power utility with a copy to Director to enable provision of site in license land for Transformer/Switching station/substation ad per norms. Our maximum requirement for power load would be 606KW/797 KVA. Copy of detailed report is attached for your reference and record.

We request you to kindly make a note of the same in your record and release a letter confirming the same.

For BST Developers India Pvt Ltd.

Despatcher
O/o GM (op) circle-I
DHBVN, Gurgaon

BST Developers India Pvt. Ltd.


Director

Authorised Signatory

Copy forwarded to

1. Director, Town & Country Planning, Haryana Chandigarh for reference and record.

BST Developers India Pvt Ltd

(CIN-U45200HR2013PTC049176)

308, Third Floor ILD Trade Centre, Sector-47, Sohna Road, Gurugram, Haryana - 122001

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PROJECT : M/S BST DEVELOPERS INDIA PVT. LTD.-GURUGRAM, HARYANA											
SIZE CATEGORY OF PLOTS											
S. No.	Class of City	2 Kanal	1 Kanal	14 Marla		10 Marla	8 Marla	6 Marla	4 Marla	2 Marla	
1	A CLASS	40 KW	30 KW	25 KW		20 KW	16 KW	12 KW	10 KW	8 KW	
2	B CLASS	30 KW	20 KW	20 KW		15 KW	10 KW	8 KW	6 KW	4 KW	
3	C CLASS	25 KW	20 KW	15 KW		12 KW	8 KW	6 KW	6 KW		
1 marla=250 sqfeet											
Electrical Supply Norms for Residential Sectors of HVPN/DHBNV											
a)	Upto 5 MVA = Through 11 KV independent feeder from the existing substation of HVPN/DHBNV subject to the maximum of 100 Amps load on 11 KV side of each feeder.										
A. b)	More than 5 MVA upto 25 MVA = Separate 33/11 KV or 66/11KV Substation shall be Created.										
S.NO	PLOT NO	PLOT SIZE IN METER		AREA /PLOT	AREA /PLOT in	NO OF PLOTS	LOAD PER	TOTAL CON.	DIVERSITY	TOTAL	
	FROM	TO	WIDTH	LENGTH	(SQ MTR)	Marla	PLOT (KW)	LOAD	FACTOR	LOAD(KW)	
1	1	11	7.97	16.00	127.568	5.491	11	12	132	0.4	52.8
2	12	22	7.65	15.25	116.617	5.019	11	12	132	0.4	52.8
3	23	44	7.65	15.25	116.617	5.019	22	12	264	0.4	105.6
4	45	55	7.97	16.00	127.568	5.491	11	12	132	0.4	52.8
5	56	65	8.41	15.25	128.268	5.521	10	12	120	0.4	48
								780	0.4	312	
TRAF. Selection											
Running load											312
Power Factor											0.95
Loading Factor											0.80
Total RUNNING LOAD(KVA)											411
1 No 500 KVA 11/.433 ransformers are proposed to be installed											
KVAR Selection											
Running load											312
KVAR Factor to improve pf (.8 PF to .95 PF)											0.421
REQUIRED KVAR											131.35
130 KVAR UNIT REQUIRED.											
B.	FOR TRANSFORMER-2										
6	66	67	8.50	18.97	161.245	6.940	2	16	32	0.4	12.8
7	68	77	7.13	17.00	121.210	5.217	10	12	120	0.4	48
8	78	89	6.84	14.75	100.955	4.345	12	12	144	0.4	57.6
9	90				144.537	6.221	1	16	16	0.4	6.4
10	91				141.735	6.100	1	12	12	0.4	4.8
11	92				138.940	5.980	1	12	12	0.4	4.8
12	93				136.139	5.859	1	12	12	0.4	4.8
13	94				133.344	5.739	1	12	12	0.4	4.8
14	95				130.543	5.619	1	12	12	0.4	4.8
15	96				127.748	5.498	1	12	12	0.4	4.8
A. TOTAL								384	0.4	154	
B. Utility Load											
S.No.	Utility Detail						LOAD (HP)	LOAD (KW)	DIVERSITY	TOTAL	
1	STP+ETP						40	30	0.6	18	
2	WTP						40	30	0.6	18	
3	STREET LIGHT							10	0.5	5	
C. Commercial & Other Areas:											
5	Milk Booth							8.0	0.50	4	
6	Commercial Centre 1 (1625 Sq.m.)							145.9	0.60	87.6	
7	Community (.563)x15kw per 2 Acre							15.0	0.50	7.5	
Total (B+C)								238.92		140.052	
GR TOTAL (A+B+C)										294	
D. TRAF. Selection											
Running load											294
Power Factor											0.95
Loading Factor											0.80
Total RUNNING LOAD(KVA)											386
1 No 500 KVA 11/.433 ransformers are proposed to be installed With future load											
E. DG Selection											
Common running load											140.052
Power Factor											0.80
Loading Factor											0.95
Total RUNNING LOAD(KVA)											184 KVA
1. No of 200 KVA DG is proposed to be installed for Utility load											
KVAR Selection											
Running load											294
KVAR Factor to improve pf (.8 PF to .95 PF)											0.421
REQUIRED KVAR											123.63
120 KVAR UNIT REQUIRED.											

BST Developers India Pvt. Ltd.



Director BST Developers India Pvt Ltd

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