

ಬೆಂಗಳೂರು ವಿದ್ಯುತ್ ಸರಬರಾಜು ಕಂಪನಿ ನಿಯಮಿತ
BANGALORE ELECTRICITY SUPPLY COMPANY LIMITED

PROFORMA

Arranging power supply to New Installation/Issuing NOC for M/s BSR Projects at V Kalahalli village to an extent of 411 KW in sy No 129/2 at V Kalahalli village in Sarjapura o&m unit, Attibele sub-division.

Sl. No.	Particulars	Details
1	Name & Address of the Applicant	M/s BSR Projects
2	Location of the Installation	sy No 129/2 at V Kalahalli village in Sarjapura o&m unit, Attibele sub-division.
3	Type(Nature of Activity)	Residential project
4	Date of Registration of the Application in Sub-Division Office	
5	Date of receipt of the proposal in Division office	
6	Date of receipt of the proposal in Circle office	
7	Date of receipt of the proposal in Zonal Office.	
	Whether the firm has been issued with NOC? If yes, please furnish the details & enclose the same (copy)	Yes
	Whether Clause 9 is applicable, if yes, details in MS-Format shall also be furnished.	Yes
	Requisitioned load details	411KVA
	a. Requisitioned Contract Demand/load	411KVA
	b. Voltage class	11 Kv/433Volts
	c. Tariff	
	d. Nature of the premises	Residential project
	Regular Source Station details (Proposed)	
	Sub-Station Details	
	Name of the station	66/11kV Dommasandra
	Voltage Class in KV	66/11 KV
	Installed Capacity in MVA	2x31.5 MVA
	Peak Load of the station (In MWs)	18 MW
	Bank Details	
	Name of the Bank	Connected /Available CT Ratio
	Peak load of Bank (in MW)	Peak Load in MW
	Name of the Feeder	Connected /Available CT Ratio
	Peak Load in MW	
	B-1	1200/1
	11.8	
	F1 V kalhalli	200/1A
	F2-Dommasandra	400/1A
	F3-Agara	400/1A
	F4-Sarjapura(Agri)	200/1A
	F5-Neriga(Agri)	400/1A
	F11-Niranthar Jyothi	200/1A
	F12- Trinity	400/1A
	F-13 -Ahad Builders	200/1A
	F-15 TC halli	200/1A
	F-17 APG Intelli Homes	400/1A
	B-2	1200/1
	7.1	
	F6-Sarjapura(U)	400/1A
	F7 - Vakil layout	200/1A
	F8- Stn Aux (HT)	200/1A
	F9 -Chambenahalli (Agri)	400/1A
	F10 - Wipro	400/1A
	F-14- Dommasandra (Agri)	200/1A
	F-16 Wipro SEZ project	400/1A
	Name of the Feeder on which the proposed load is to be catered	Peak load of the feeder (in MW)
	Size of the Conductor/ Cable	Length of the feeder in Km
	HTVR of the feeder before adding the proposed load	HTVR of the feeder after adding the proposed load
	Connected /Available CT Ratio	
	F1 V kalhalli	1.4
	Coyote/Rabbit	19.5
	3.39%	3.51%
	400/1 A	

1. For main source it is proposed to Reconductring of Rabbit by Coyote conductor for a distance of 800mtr from point A to point B and extend the 11 KV line of F1 V kalhalli Feeder by using 400 XLPE UG Cable for a distance of 300 mtrs from point B to point C shown in the sketch.

2. Proposed to provide one no of Spun pole at Point C and Further extension of 11KV line from spun pole to point D using 3*95sqmm HT uG cable for a distance of 150mtr cable run.

3. Is proposed to erect 4 way RMU in the consumer premises under self execution works at Point E and for erection of 02 Nos of 250KVA Transformer as shown in the sketch.

4. There is no existing RRNs.

Certificate:

1. Certified that there is No EHT line passing inside this premises.

2. Certified that there is No HT/LT line passing inside this premises.

3. Certified that there is No IP-set installation inside the premises.

4. Certified that there is No arrears outstanding inside the premises.

Asst. Executive Engineer(Elec)
C,O&M ATTIBELE Sub-Division,

Asst. Engineer (Elec)
BESCOM, O&M- Sarjapura
Attibele Sub-Division,

Executive Engineer(Elec)
C,O&M Division, BESCOM



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Applicable for arranging power supply to issuing NOC		
SL.NO.	PARTICULARS	DETAILS
1	Name & Address of the Applicant	M/s BSR Projects
2	Location of the installation	sy No 129/2 at V Kallahalli village in Sarjapura o&m unit, Attibele sub-division.
3	Type (Nature of Activity)	Residential row villa project
4	Date of Registration of the application in sub-division office	
5	Date of receipt of the proposal in division office	
6	Date of receipt of the proposal in Circle office	
7	Date of receipt of the proposal in Zonal office	
8	Whether the firm has been issued with NOC? If yes, please furnish the details & enclose the same(copy)	
9	Whether the clause 9 is applicable, if yes details in MS format shall also be furnish	
10	Requisitioned contract Details:	411 KW
	a. Requisitioned contract Demand/Load	411 KW
	b. Voltage class	440/230
	c. Tariff	Multi-storied
	d. Nature of the premises	Residential row villa project

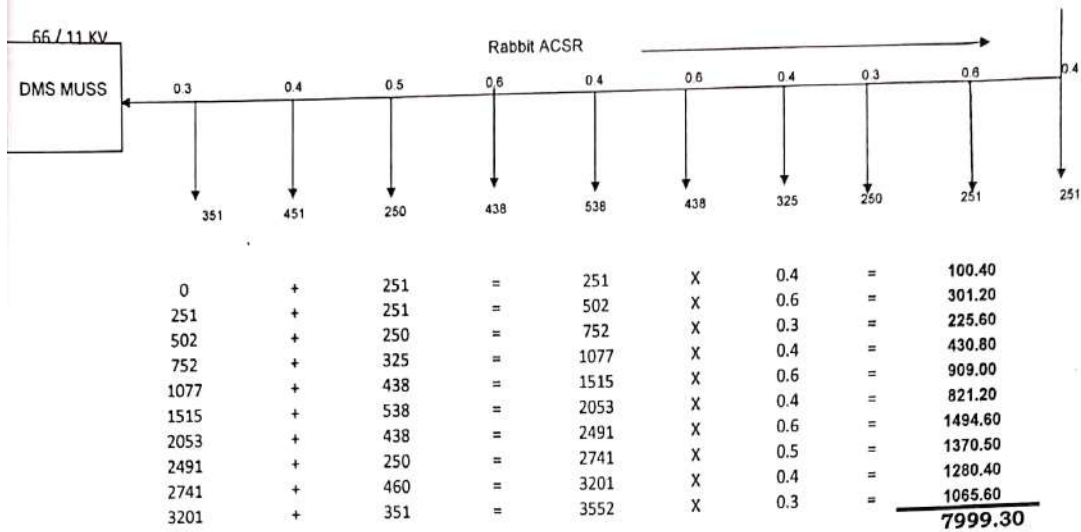
Asst. Executive Engineer(Elec)
C, O&M Attibele Sub-Division,
Attibele Sub-Division

Asst. Engineer (Elec)
BESCOM, O&M Sarjapura
Attibele Sub-Division



BANGALORE ELECTRICITY SUPPLY COMPANY LIMITED

HT Voltage regulation of F- 01 feeder Eminating from Dommasandra MUSS



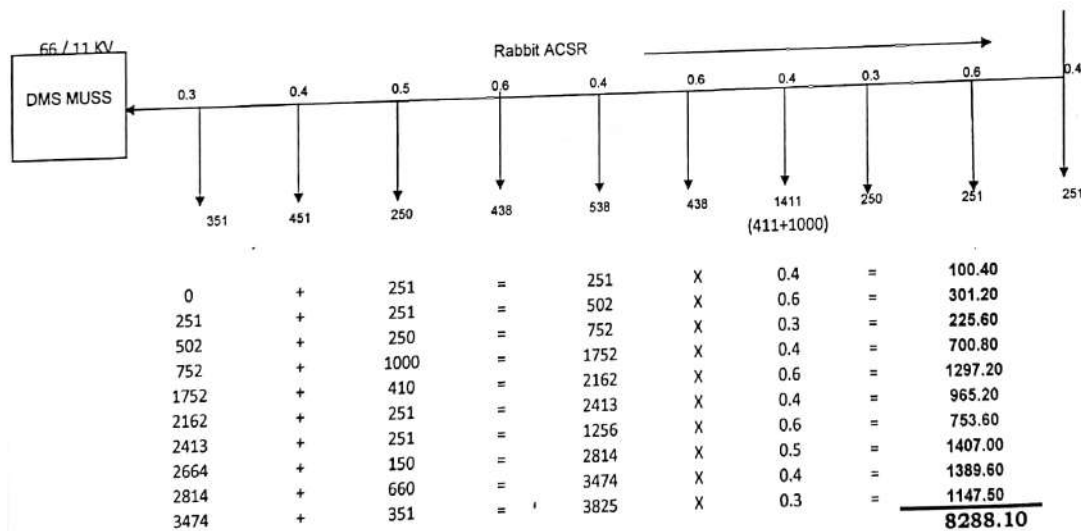
$$\text{HTVR} = \frac{\text{KVA} \times \text{KM} \times \text{Const}}{\text{DF} \times 100}$$

$$\frac{7999.30}{1.5} \times \frac{0.0636}{100} = \frac{508.75548}{150}$$

Befour

$$\text{HTVR} = 3.392$$

HT Voltage regulation of F- 01 feeder Eminating from Dommasandra MUSS



$$\text{HTVR} = \frac{\text{KVA} \times \text{KM} \times \text{Const}}{\text{DF} \times 100}$$

$$\frac{8288.10}{1.5} \times \frac{0.0636}{100} = \frac{527.12316}{150}$$

$$\text{HTVR} = 3.514$$

A --- B

proposed to the substation
Rabbit by logate for the
distance of 0.8 km.

B --- C

proposed to extend the 11 kV
line for a distance of 0.3 km.
By way 3* 500 Symm HT v/c cable.

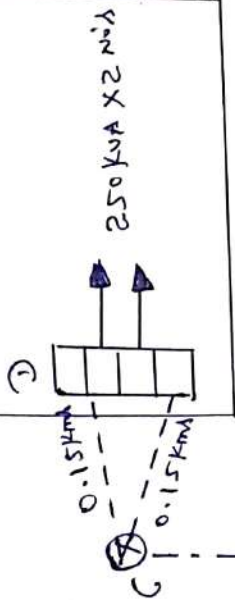
C --- D

proposed to extend the 11 kV line
by double run (0.15 km x 2 run)
way 3* 500 Symm HT v/c cable.

D --- E

proposed 4 way arm.

proposed 250 kVA sub.



0.3 km
400 Symm v/c cable.

Existing
FI N. K. K. K. K. K.
Feeder.

[Signature]