



ಬೆಂಗಳೂರು ವಿದ್ಯುತ್ ಸರಬರಾಜು ಕಂಪನಿ ನಿಯಮಿತ

BANGALORE ELECTRICITY SUPPLY COMPANY LIMITED

Email : cebraz@bescom.co.in

Ph. No. 080 23500117

No. CEBRAZ/SEO/AEE-1/25-26/

Encl: file

Office of the

Chief Engineer Ele, BRAZ

No.1- 4, IT Park, 5th Floor, KSIIDC

Building, Rajajinagar Industrial Estate,

Rajajinagar, Bengaluru- 560 044,

E-mail: cebraz@bescom.co.in

Date: 30 MAY 2025

OFFICIAL MEMORANDUM

Sub: Reduction of contract demand of the existing HT installation from 2550 KVA to 1250KVA (reduction-1300 KVA) in respect of RR No. JGNHT-985 under HT2a tariff in favour of M/s British Biologicals, Sy No 114/1 & 114/7, Harapanahalli village, Jigani hobli, Anekal taluk, Bengaluru.

Ref: 1. LCGM(op) letter No. BESCOM/CGM(op)/DGM-(OP-2)/M-(op-2)/2025-26/1163 dated: 13-05-2025

2. T.O letter No. CEBRAZ/SEO/AEE-1/24-25/9622 dated 29-03-2025

3. SEE, RMGC Lr No. SEE/RMGC/EE(O)/AEE(O)/24-25/11953-54 dated 10-03-2025

4. Circular No. BESCOM/CGM(CA)/GM(M&C)/BC-24/F-10126/12-13/ CYS-78 dated 12.02.2013.

5. Corporate office Circular No. BESCOM/ GM(QS&S)/BC-35/ DGM-4/AGM-5/23-24/CYS-186 dated 12.02.2024

With reference to the above, as per the recommendations of the Superintending Engineer Ele., Ramanagara circle vide ref(3) and as per the Corporate office approval vide ref-(1), approval is hereby accorded for reduction of contract demand of the existing HT installation from 2550 KVA to 1250KVA (reduction-1300 KVA) in respect of RR No. JGNHT-985 under HT2a tariff in favour of M/s British Biologicals, Sy No 114/1 & 114/7, Harapanahalli village, Jigani hobli, Anekal taluk, Bengaluru, as per the clause No. 34.02 KERC conditions of Supply of Electricity of Distribution licensees in the State of Karnataka, subject to the following conditions:

The above HT installation is being fed from.

Regular source:

Line: Existing F-63 British biological feeder which has a peak load of 23 Amps, with 3x400 Sq.mm XLPE HT UG cable and Rabbit ACSR conductor.

MUSS: 66/11 kV Jigani old station which is having a peak load of 32.5 MW with installed capacity of power transformers 3x20 MVA.

...2

8419810

18/1/25

Rt = 250/- 2025 000017

18/1/25

The following works are proposed under self execution:

BESCOM portlon.

- Replace the existing 11 KV, CTs of ratio 150/1, 0.2S class of accuracy by new CTs of ratio 75/1, 0.2s class of accuracy.

The cost of the estimate is Rs. 46,817/- (Total rupees forty six thousand eight hundred seventeen only)

The applicant has to replace the CTs in presence of EE, MT division, BRAZ.

1. Metering standards is as per BESCOM circular cited under ref -4.
2. The applicant has to pay the following amounts through DD, drawn in favour of AEE BESCOM, Jlgani sub division "within 15 days from the date of this OM."
 - a) Rs. 2341/- (Total Rupees Two Thousand three Hundred and forty one only) towards supervision charges @ 5% on estimate cost of Rs. 46,817/- (Excl'd DEI & ESCOM employees cost)
 - b) Rs. 5,00,000/- (Total Rupees five lakhs only) towards Augmentation charges (As per the "Conditions of Supply of Electricity" under clause 3.02, (4), augmentation charges at Rs. 5,00,000 per MVA for CD exceeding 2000KVA, which was not collected at the time of earlier power sanction and hence the same shall be paid).
3. The reduction of contract demand is final and it will not be revoked at later date.
4. The reduction of contract demand shall be with effect from the meter reading date following the expiry of, "two months" period from the date of registration of the application for reduction of contract demand / sanctioned load along with fresh agreement for reduced contract demand/ sanctioned load duly making payment of registration cum processing fee as prescribed under clause 30.01 of KERC.
5. The energy entitlement shall be re-fixed on Pro-rata basis (applicable during Power cut period).
6. Signature of the consumer shall be tallied with the signature in the original docket before effecting the reduction of load.
7. The Consumer has to pay arrears and audit short claims, if any, detected at a later date.
8. The Consumer has to give an undertaking that he will abide by the above Conditions / decision of the appellate authority in respect of pending appeal/ court cases, if any.
9. The installation shall be rated by M.T Staff before & after implementation of reduction of load.
10. The Consumer shall abide by the rules/regulations, if any, left out and regulations issued at later dates.
11. The capacity of any individual machinery / equipment installed / connected shall not be more than the approved reduced CD.

(3)

12. The security deposit required shall be recalculated for the reduced contract demand on Prorate basis on average monthly bill of the preceding calendar year as per clause 34.04 and balance of deposit shall be refunded to the consumer duly observing the KERC/ BESCOM norms.

All Other formalities shall be observed as per the prevailing KERC regulations.

 30.5.2025
Chief Engineer Electy.,
BRAZ, BESCOM

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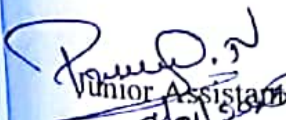
1. The Controller of Accounts, BRAZ, BESCOM, Bangalore for information
2. The Superintending Engineer Ele., C, O & M, Ramanagara Circle, BESCOM for information.
3. The Executive Engineer Ele, C, O&M Division, BESCOM, **Chandapura** for information **along with file.**
4. The Executive Engineer Ele, MT, BRAZ, BESCOM, Bangalore for information
5. The Asst. Executive Engineer Ele., C, O&M, **Jigani** Sub-division, BESCOM, Bangalore for information with instruction to submit the payment certificate within 3 days after payment before further processing of the proposal.
6. **M/s Brillsh Biologicals**, Sy No 114/1 & 114/7, Harapanahalli village, Jigani hobli, Anekal taluk, Bengaluru.
AEE-1/M.F/OC.


BANGALORE ELECTRICITY SUPPLY COMPANY LIMITED
JIGANI SUB-DIVISION
REVENUE DETAILS OF HT INSTALLATION

No	PARTICULARS	DETAILS
	RR No	JGNHT985
	Name and Address	BRITISH BIOLOGICALS, S REDDY /1, 114/7 ,HARAPPANAHALLI VILLAGE, JIGANI HOBLI, ANEKAL TALUK
3	Sanction Load	2550 KVA
4	Date of Service	19.07.2023
5	Tariff	HT2A
6	Meter Constant	12500
7	Signature	SIGNATURE TALLIES WITH THE ORIGINAL DOCKET
8	Feeder	F63-BRITISH BIOLOGICALS
9	3 MMD+ASD+ISD	51,93,500/-
10	MSC	NIL
11	TOTAL DEPOSIT	51,93,500/-
13	Arrears	NIL AS ON 17.01.2025
14	ASD TO BE PAY	NIL
15	ANY DISPUTE/CASES	NO
16	PURPOSE	REDUCTION OF LOAD
17	SRTPV INSTALED/NOT	NOT INSTALLED
18	Weather Consumer Opted for Wheeling / Open Access	NO

CONSUMPTION

Month	BKWH	BMD
AUG-24	50.598	0.0249*12500=311.25
SEP-24	53.192	0.0344*12500=430.00
OCT-24	55.508	0.0303*12500=378.75
NOV-24	59.574	0.0332*12500=415.00
DEC-24	63.883	0.0287*12500=358.75
JAN-25	69.625	0.0359*12500=448.75


Junior Assistant
12/01/25
Jigani Sub-Division


Assistant Accounts Officer
12/01/25
Jigani Sub-Division

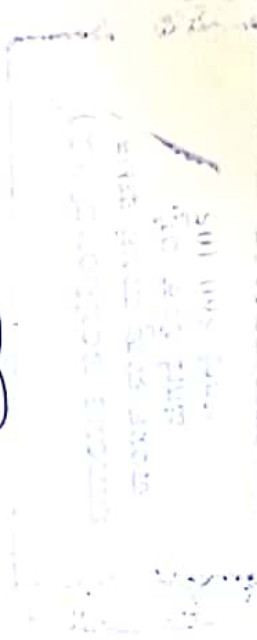


BANGALORE ELECTRICITY SUPPLY COMPANY LIMITED

Estimate for conversion of 1X25 KVA Transformer & DP structure to spun pole TC structure as per the request of Sri.Chief officer Jigani TMC, Jigani town in O & M - Jigani link road Section, Jigani Sub-division. (Ward No:-05).

V11 Schedule for decommissioning of BESCOM Assets											
S/No	Name of Materials	Unit	Qty	Original Value	Date of Service	Date of Replacement	No of year Serviced	% of Deprecia tion	Depreciation Value	Netwritten down value	Remarks
1	11kv CTS	No	3		19-07-2023						Return to store

Bye



NAME OF THE SUB STATION : JIGANI OLD MUSS
NAME OF THE FEEDER : F-63 British biologocals feeder b

From Node (a)	To Node (b)	Length in Kms (c)	Conductor (d)	Cap. in KVA at To-Node (e)	Load at To-Node (f)	KVA-Kms at To-Node (g)
1	2	3.50	Coyote	2550.0	2550.0	8925.0

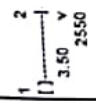
Voltage Regulation at tail end i.e., at last Node : 0.63%

Annual Energy Loss (KVA-KM Method) 1894.43 Units

TOTAL: 2550.0

VOLTAGE REGULATION & ANNUAL ENERGY LOSSES OF 11 KV FEEDERS.

NAME OF THE SUB STATION : JIGANI OLD MUSS
NAME OF THE FEEDER : F-63 British biologocals feeder before



Coyote	z = 0.248	x = 0.494	1 = 367A	Rg = 0.041
Rabbit	z = 0.584	x = 0.369	1 = 183A	Rg = 0.0636
Weasel	z = 0.978	x = 0.379	1 = 123A	Rg = 0.093
Squirrel	z = 1.476	x = 0.389	1 = 97A	Rg = 0.1294
Peak Current (ip)	: 23 Amp			
Annual Energy sent out on the feeder (ae)	: 1339200 Units			
Power factor	: 0.85			
Diversity Factor (df)	: 5.826			
df = ip / (1.73 x 11 x ip)	: 0.411			
Load factor (lf)	: 0.217			
lf = ae / (1.73 x 11 x ip x pf x 8760)	: 3.50 Kms			
Loss load factor (llf)	: 2550 KVA			
llf = 0.2 x lf + 0.8 x lf x lf	: 1894.43 Units			
Total length of the feeder (tl)	: 0.63%			
Total load on the feeder (lp)	: 1894.43 Units			
Losses = (0.105 x llf x tkv x km / 2 x df x lf) x (e x r)	: 0.63%			
% Regulation = (qxRq) / (dfx100)	: 0.63%			

(Continued in the next page.....)

RECEIVED (2)
1894.43 Units
and for 11/11/11

Estimate for Reduction Load of HT Power Supply from 2550KVA to 1250KVA (Existing 2550KVA : Red 1350KVA, Total-1250KVA) in the name of M/s. British biologicals bearing RR No-JGNHT-985 @ No 114/7, harapanahalli in Jigani O&M Section, Jigani Sub-division.

I TECHNICAL DETAILS

1	Name of the Station	Jigani old muss
2	Installed Capacity	3x20 mva
3	Peak Load	32.5
4	Bank No	1
5	C.T.Ratio	1200\1
6	Peak Load in Amps of the Bank	11MW

II FEEDER

1	Name of the feeder	F-63 british biologicals feeder
2	Peak load	23A
3	C.T.Ratio	400\1A
4	Cable size	400SQMM HTUG CABLE
5	Conductor used	400SQMM HTUG Cable/Rabbit Conductor
6	H.T.V.R in percentage	0.63%

IV	Remarks/ Recommendations	Power supply is feasible after replacement 11kv CTs.
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**Assistant Engineer (Ele)
Jigani Jblr O&M Unit
Anekal Sub Division**

**Asst Exe. Engineer (Ele)
jigani Sub Divn
Bescom , Bengaluru**

F-63 British biologicals feeder a:

NAME OF THE FEEDER

VOLTAGE REGULATION & ANNUAL ENERGY LOSSES OF 11 KV FEEDERS.

NAME OF THE SUB STATION : JIGANI OLD MUSS
NAME OF THE FEEDER : F-63 British biologicals feeder after



From Node (a)	To Node (b)	Length in Kms (c)	Conductor (d)	Cap in KVA at To-Node (e)	Load at To-Node (f)	KVA Kms at To-Node (g)
1	2	3.50	Coyote	1250.0	1250.0	4375.0

TOTAL:

Voltage Regulation at tail end i.e., at last Node : 0.63%

Annual Energy Loss (KVA-KM Method) 1894.27 Units

Coyote	1	367A	Rg= 0.041
Rabbit	1	183A	Rg= 0.0636
Weasel	1	123A	Rg= 0.093
Squirrel	1	97A	Rg= 0.1294
Peak Current (Ip)	23 Amp		
Annual Energy sent out on the feeder (ae)	1339200 Units		
Power factor	0.85		
Diversity Factor (df)	2.856		
df = $Ip / (1.73 \times 11 \times Ip)$	0.411		
Load factor (lf)	0.217		
lf = $ae / (1.73 \times 11 \times Ip \times pf \times 8760)$	3.50 Kms		
Loss load factor (llf)	1250 KVA		
llf = $0.2 \times lf + 0.8 \times lf \times pf$	1894.27 Units		
Total length of the feeder (tl)	0.63%		
Total load on the feeder (lp)			
Losses = $(0.105 \times llf \times tl \times 11 \times 1000) / 2 \times df \times df \times pf$			
% Regulation = $(ae \times Rg) / (df \times 100)$			

(Continued in the next page.....)

Page 2

RECEIVED 20/08/2024 (2)
FROM: JIGANI OLD MUSS
DATE: 20/08/2024
TIME: 10:10 AM

Report :

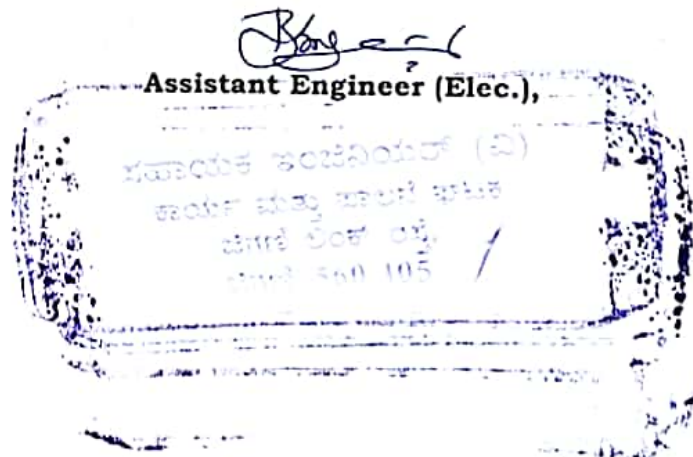
This Estimate costing **RS:-44370.00** is prepared Estimate for Reduction Load of HT Power Supply from 2550KVA to 1250KVA (Existing 2550KVA : Red 1350KVA, Total-1250KVA) in the name of M/s. British biological bearing RR No-JGNHT-985 @ No 114/7, harapanahalli in Jigani O&S Division, Jigani Sub-division.

This estimate is prepared against the Application No-8419810/18-01-2025. The spot is situated @ harapanahalli village. I have personally visited this spot. The applicant has 2550KVA of HT power supply the installation was serviced on 09/07/2023, Now the consumer has requested to reduction Load the contract demand from 2550KVA-Red 1300KVA totaling 1250KVA. This load is connected on 11KV F-63 British biological Feeder whose peak load is 0.4MW's (23 A 5/11kv jigani old MUSS, This work involves replacement of 11KV CT's of suitable capacity as estimated as per BESCOM norms, The existing metering cubicle is 3 Ts, 3 PTs.

All the Necessary line materials with labour provision have been made in this estimate, So Kindly sanction this Estimate as soon as Possible.

Note: Solar is not Installed in this Premises

Asst. Executive Engineer (Elec.),



BANGALORE ELECTRICITY SUPPLY COMPANY LIMITED

Estimate No : - 1230

Date : 1.2.2025

S : 2023-24 Date : 1.2.2025

Estimate for Reduction Load of HT Power Supply from 2550KVA to 1250KVA (Existing 2550KVA : Red 1350KVA, Total-1250KVA) in the name of M/s. British biologicals bearing RR No-JGNHT-985 @ No 114/7, arapanahalli in Jigani O&M Section, Jigani Sub-division.

WORK UNDER SELF EXECUTION

Part A: Errection of HT Metring Cubicle

Sl. no	Particulars	UNIT	QTY	Material cost		Labour Cost	
				Rate	Amt	Rate	Amt
1	11 KV CT's - 75/1/ 1A ,Burden 2.5 VA , 0.2 Accuracy	No	3	11335	34005	563	563
2	Misc Labour				995		437
3	Total				35000.00		1000.00

PART-B-Releasing of Assets

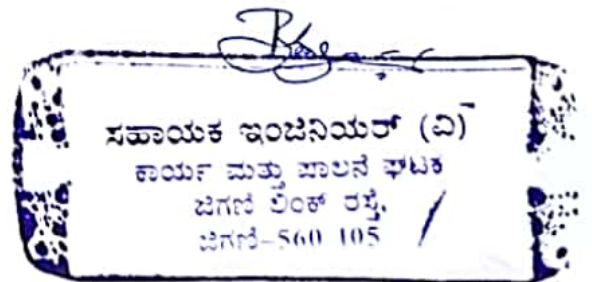
Sl. No	Particulars	Unit	Qty	Labour Rate	L/c	Quality	Date of commission
1	11 KV CT's -150/1A ,Burden 2.5 VA , 0.2 Accuracy	No	1	563.00	506.70	return to store	28/11/2011
2	Labour Charge				506.70		

Abstract

1	Material cost (Exclusive of GST)	35000
2	Labour charges (Exclusive of GST)	1507
3	Basic rate (Sum of SL No 1 & 2)	36507
4	Area apesific laoding on basic rates (SL No 3) wherever	1095
5	Applicable GST on sum of SL No 3 & 4	6768
6	Cost of estimate (Sum of SL No 3 to 5)	44370
7	Satutory charges as per actuals (Inspectorate)	0
	TOTAL ESTIMATE COST 6 & 7	44370

CERIFITICATE :

Certified that I have personally visited the spot and prepared this Estimate as per current schedule of rate 23-24 for most economical and safe way of execution of this work.



ಬೆಂಗಳೂರು ವಿದ್ಯುತ್ ಸರಬರಾಜು ಕಂಪನಿ
(ಕರ್ನಾಟಕ ಸರ್ಕಾರದ ಸ್ವಾಮ್ಯಕ್ಕೆ ಒಳಪಟ್ಟಿದೆ)
ಕಾರ್ಯ ಮತ್ತು ಪಾಲನೆ ವಿಭಾಗ, ಚಂದಾಪುರ.
ಬೆ.ವಿ.ಕಂ. ಬೆಂಗಳೂರು-560081



BANGALORE ELECTRICITY SUPPLY COMPANY
(A Government of Karnataka Undertaking)
O&M Division, CHANDAPURA
BESCOM, Bangalore-560081
E-Mail: eechndor.work@gmail.com

No: EEE/CDP/AEE (O)/AE (T)/2024-25/

Dated:

To.

The Assistant Executive Engineer (Ele),
C, O & M Sub-division,
Jigani.

Sir,

Sub: Reduction of contract demand from 2550 KVA to 1250 KVA of RR
No. JGNHT-985 of M/s British Biologicals # 114/7, Harappanahalli
Village, Jigani Sub-Division.

<<O>>

I am here with enclosing a file for Reduction of contract demand from
2550 KVA to 1250 KVA of RR No. JGNHT-985 of M/s British Biologicals #
114/7, Harappanahalli Village, Jigani Sub-Division.

The applicant has paid registration fees of Rs.250/- vide RT No.
202500001397 dated 18.01.2025 Application registration No. 8419810 dated
18.01.2025.

You are requested to process the file along with the field report, Estimate,
feasibility report, calculation of HTVR along with estimate for taking further
needful action.

Yours faithfully,

Executive Engineer (Ele)
C, O&M Division, BESCOM,
Chandapura.

Copy to: AE(T)/MF

ನೋಂದಾಯಿತ ಕಛೇರಿ: ನಂ. 204, ಪಾರ್ಕ್ ರಸ್ತೆ, 1 ನೇ ಹಂತ, ಸೂರ್ಯನಗರ, ಚಂದಾಪುರ, ಬೆಂಗಳೂರು-560081
Registered Office: No-204, Park Road, 1st Phase, Suryacity, Chandapura, Bengaluru-560081



Bengaluru Electricity Supply Company Limited
(Wholly Owned Government of Karnataka Undertaking)

BESCOM GSTN No: 29AACCB1412G1Z5

Office of the Asst. Executive Engineer (Ele.), C, O&M Section -JIGANI

Application No	61324106250037
Application Submission Date	18-01-2025
Applicant Name	BRITISH BIOLOGICALS
Applicant Address	/1, 114/7 ,HARAPPANAHALLI VILLAGE, JIGANI HOBLI, ANEKAL TALUK , BENGALURU RURAL DISTRICT562106
Application For	LOAD CHANGE
Load Reduction	1300KVA
Existing Load KW/HP/KVA	0.00 /0.00/2550.00
New Load KW/HP/KVA	0 /0.00/1250.00
Change Request Fee	Rs: 250/-
Total Amount	Rs: 250 /-

Circle : RAMANAGAR Division : CHANDAPURA Subdivision : JIGANI Section : JIGANI

NOTE 1**: Please Make the payment for the above and submit the receipt Details After Payment.

NOTE 2**: This Demand Note generated as per the intimation provided at the time of application. At the time of inspection if additional SLC or Additional Load is required a supplemental demand note will be issued. Your installation will be serviced after all the payments are received.