

## BANGALORE ELECTRICITY SUPPLY COMPANY LIMITED

(Wholly owned by Government of Karnataka Undertaking)

E-Mail:<u>cabescom17@gmail.com</u>
No: BESCOM/GM(M&C)/DGM(EA)/21-22/ 12 22 - 24

O/o The GM (M&C), Corporate Office, BESCOM, K.R. Circle, Bangalore - 560 001. Date: 28 02 2022

To,
Miland Deore,
Director,
Bureau Of Energy Efficiency,
4<sup>th</sup> Foor Sewa Bhavan,
RK Puram, Sector-1
New Delhi-110066

Sir,

Subject: Submission of Final Energy Accounting and Auditing formats for Quarter-2 of FY-22 ie from July 2021 to Sep- 2021

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With Reference to the above subject, BEE has issued Gazette Notification to conduct Energy Audit in Distribution Companies and the formats for energy auditing and Accounting was issued to all DISCOM's.

In this Regard ,Draft copy has been mailed on 6<sup>th</sup> Dec 2021 to ur office.The Final Report pertaining to Energy Accounting and auditing formats for 2<sup>nd</sup> Quarter of FY-22 are prepared and enclosed in the mail.

Yours Faithfuly

General Manager (Elec)(M&C)
Corporate Office, BESCOM

## Copy For Information:

- 1)PS to MD-to place it before Hon'ble MD BESCOM, Corporate Office Bangalore
- 2) Additional Director (projects), PCKL.
- 2)Office Files/MF.

|              | Parformance Summany of Floorisisty Districts   |               |                                |
|--------------|--|---------------|--------------------------------|
|              | . Succession of the cultury of the cultury distribution companies                                | non companies |                                |
| 4            | Period of Information Year of (FY) information including Date and Month (Start & End)            | 1st July 2021 | 1st July 2021 to 30th sep 2021 |
| 2            | Technical Details  |               |                                |
| (a)          | Energy Input Details   |               |                                |
| (i)          | Input Energy Purchase (From Generation Source)   | Million kwh   | 8394.32                        |
| (ii)         | Net input energy (at DISCOM Periphery after adjusting the transmission losses and energy traded) | Million kwh   | 6838.45                        |
| (iii)        | Total Energy billed (is the Net energy billed, adjusted for energy traded))                      | Million kwh   | 6193.55                        |
| <del>b</del> | Transmission and Distribution (T&D) loss Details   | Million kwh   | 644.90                         |
| 1            |  | %             | 9.43%                          |
|              | Collection Efficiency  | %             | 98%                            |
| (c)          | Aggregate Technical & Commercial Loss  | %             | 11%                            |
|              |  |               |                                |

or State Government or any of the authority under them or any other person affected, I/we undertake to indemnify such I/We undertake that the information supplied in this Document and Pro-forma is accurate to the best of my knowledge and if any of the information supplied is found to be incorrect and such information result into loss to the Central Government

**Authorised Signatory and Seal** 

Oname of Anthorised Signatory (Operations)

Name of the DISCOM: Salone-560 001

Full Address:-

Signature:-

Name of Energy Manager\*: Sti Basara Saju. H.B.
Registration Number: EA - 6827.

ENERGY AUDITOR BESCOM

Seal

|   |       |         |                |         |              |        |                              |   | Formula protected                              |            |
|---|-------|---------|----------------|---------|--------------|--------|------------------------------|---|--|------------|
|   |       |         |                |         |              |        |                              |   | Please select yes or no from list              |            |
|   |       |         |                |         |              |        |                              |   | Please enter numeric value or 0                | 0          |
|   |       |         |                |         |              |        |                              |   | Enter CT/PT ratio or leave blank               |            |
|   |       |         |                |         |              |        |                              |   | Enter meter no or leave blank                  |            |
|   |       |         |                |         |              |        |                              | ave blank                                 | Please enter feeder id and name or leave blank |            |
|   |       |         |                |         |              |        |                              | nk  | Please enter voltage level or leave blank      |            |
|   |       |         |                |         |              |        |                              | Parameter                                 | Para   | Color code |
|   |       | 7050.40 |                |         |              | -b-i   | Input Energy=C+b+d+e-f-g-h-i |   |  |            |
|   |       | 6.74    |                |         |              |        |                              | kV  | Open access consumption above 11 kV            |            |
|   |       | 42.84   |                |         |              |        |                              | kV  | Open access consumption above 66 kV            | 5          |
|   |       | 27.6511 |                |         |              | fac 10 |                              |   | Wheeled Energy                                 | )ra        |
|   |       | 4.58    | - Consequences |         |              |        |                              |   | Auxillary consumption                          | ı          |
|   |       | 2.14    |                |         |              | 100    |                              | KV & above                                | IPP import energy from BESCOM ( 66KV & above   | •          |
|   |       | 68.60   |                |         |              |        | 2.2                          |   | IPP at 11KV                                    | d          |
|   |       | 722.42  |                |         |              |        |                              |   | EHT consumtion                                 | c I        |
| Net input energy<br>at DISCOM<br>periphery (MU) | 65    | 7470.65 | 0.00           | 0       |              |        | OM periphery (MU)            | Net input energy at DISCOM periphery (MU) | Net  | σ.         |
|   | 22.85 | 7493.50 |                | 0.00    |              |        | U)                           | Total (MU)                                |  | a          |
|   | 0.00  | 2.55    | FUNCTIONAL     | METERED | YEDIYUR      | BANK-2 |                              | 66/11 kV                                  |  | B.1188     |
|   | 0.00  | 2.21    | FUNCTIONAL     | METERED | YEDIYUR      | BANK-1 |                              | 66/11 kV                                  |  | B.1187     |
|   | 0.19  | -0.19   | FUNCTIONAL     | METERED | Y.N.HOSAKOTE | BANK-2 |                              | 66/11 kV                                  |  | B.1186     |

I/We undertake that the information supplied in this Document and Pro-forma is accurate to the best of my knowledge and if any of the information supplied is found to be incorrect and such information result into loss to the Central Government or State Government or any of the authority under them or any of ther person affected, I/we undertake to indemnify such loss.

Signiture:

Name of Energy Manager\*:

Registration Number:

EA - 6827

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Chief Fill Address: Mecopoet

Authorised Signatory and Seal

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|                                       |               | At Company Level  |   |                          |              |              |            |           | 32        |                          |                          |                |              |             |             | 31        |                          |                          |                |             |              |           | 30                                      |                          |                          |                     |              |
|---------------------------------------|---------------|---|---|--------------------------|--------------|--------------|------------|-----------|-----------|--------------------------|--------------------------|----------------|--------------|-------------|-------------|-----------|--------------------------|--------------------------|----------------|-------------|--------------|-----------|---|--------------------------|--------------------------|---------------------|--------------|
|                                       | Grand Total   |   |   |                          |              |              |            | Sub-total | 180       |                          | TOMKUK                   |                |              |             | Sub-total   | TUNKUR    |                          |                          |                |             |              | Sub-total | TUMKUR                                  |                          |                          |                     |              |
| _                                     | +             | <u>.</u>  |   |                          |              |              |            |           |           |                          |                          | 1              |              | 1000        | +           |           |                          |                          |                |             | 7.07880      |           | 0.0000000000000000000000000000000000000 |                          |                          |                     |              |
|                                       |               |   |   | BESCOM                   |              |              |            |           |           |                          | KUNIGAL                  |                |              |             |             | MADHUGIRI |                          |                          |                |             |              |           | חפוטת                                   |                          |                          |                     |              |
| 一 一 一 一 一 一 一 一 一 一 一 一 一 一 一 一 一 一 一 | Control       | Other   | Commercial/Industrial-HT                  | Commercial/Industrial-LT | Agricultural | Residential  |            | Curcia    | 0+502     | Commercial/Industrial-HT | Commercial/Industrial-LT | Agricultural   | residential  | Posidores   |             | Others    | Commercial/Industrial-HT | Commercial/Industrial-LT | Buching        | New Control | Posidone) al |           | Others                                  | Commercial/Industrial-HT | Commercial/industrial-Li | dictional and       | Arricultural |
| 12072192                              | 700C70T       | -   | +   | 1428752                  | 2161         | 9595791      | 93839      | 10/1      | +         | 1                        | 9321                     | 36             | 81/19        | 346/12      | 7,407       | +         |                          | 29143                    | 37             | 300067      | 437076       |           | 11159                                   | 58<br>T                  | 25887                    | -                   | 10002        |
|                                       | ×             |   | 5   | 2                        | 967844       | 1            | KFEKZ K    |           |           | 5                        | 1                        | 6 29939        | ie           | 2 82393     | Ι           | 3 10      | 20                       | ω                        | 7 82393        | T           | 0 0000       |           | 0                                       | 90                       | 7                        | 1 85815             | T            |
| 967844 13040036                       | 7896701       | 13000   | 1000                                      | 1478757                  | 970005       | 9595791      | Ι          |           | 20        | -                        | 9321                     | 29975          | 81719        | 1           | I           |           |                          | 29143                    | 82430          | 300067      | Ι            | 1         |   | 58                       | 25887                    | 85866               | I            |
| 100%                                  | 8%            | 2000  |   |                          | 35 7%        | 74%          | 8 100%     | 3         | 2         | 3                        |                          | 5 24%          | 9 65%        | 5 100%      | 4%          |           |                          | 3 7%                     | 0 19%          | 7 70%       | *00x         | Γ         |   | 0%                       | 7 8%                     | 6 27%               |              |
| 77781 45                              | 8878.57       | 1000  |   |                          | 13.91        | 12902.17     | 110.91     | 25.5      | 37.298034 | 1212000.01               | Ξ.                       | 0.344859       | 31.6470967   | 273.22      | 97.50591788 | -         | _                        | 6 41.04101138            | 0.29475        | 108.1495892 | 210.39       | 69.00     | _                                       | -                        | 6 48.14031798            | -                   | 78.7181277   |
|                                       | .57           | .69   |   | Ī                        |              | .17          | 11525      | 285       | 034       | T                        |                          | 959 143.983141 | 967          | 20          | 788         | 9         |                          |                          | 175 414.126084 | 192         |              | 388       |   | 375                      | 798                      | 0.285734 353.094622 | 277          |
| 4758 17                               | STENS TOOK JA | 2   | Sea Action                                |                          | 4758.12      | 200          | 143.98     | 182.5     |           |                          |                          | 3141           |              | 414.13      | 874.478     | 100       |                          | 90                       | 5084           |             | 353.09       | 7-10 E    |   |                          |                          | 1622                |              |
| ONOE                                  | 8879          | 3042  | 2445                                      |                          |              | 12902        | 255 1      | 26        | 37        |                          |                          | 144            | 32           | 687 1       | 98          | 20        |                          |                          | 414            | 108         | 563 1        | 69        | 2                                       |                          | 48                       | 353                 | 79           |
| 1000 6838 45                          | 28%           | 9%  | 8% 0030.43                                | -                        | 15%          | 40%          | 100% 64.70 | 10%       | 15%       |                          |                          | 57%            | 12%          | 100% 259.65 | 14%         | *         |                          | 29 656                   | 60%            | 16%         | 100% 153.08  | 12%       | 2/4                                     |                          | 9% 153.08                | 63%                 | 14%          |
| 4024 30                               | 86:           | 1385.27   |   |                          |              | 1911.37      | 対策に 400元   | _         |           | 04.70                    |                          |                |              | 18570       | 2!          |           |                          |                          |                | 2.          | 11.7         | H         |   |                          |                          |                     | =            |
|                                       | 867.89        | .27   | .52                                       | 7.7                      |              | .37          | 24.47      | 6.48      | 8.89      | 18.7                     |                          | 002            | 6.25         | 66.27       | 29.40       | 7.51      | 1.00                     | C                        | 0.04           | 21.79       | 41.02        | 12.49     | 4.33                                    | .00                      | 7.66                     | 0.09                | 16,44        |
|                                       | Part Control  | 10 mg | A. 10 10 10 10 10 10 10 10 10 10 10 10 10 | 00000                    | 1760 16      | 200 Miles    | 32.60      | 0.00      | 0.00      | 0.00                     | 20.00                    | 33 65          | 0.00         | 145.56      | 0.00        | 0.00      | 0.00                     | 3                        | 145.56         | 0.00        | 95.50        | 0.00      | 0.00                                    | 0.00                     | 9                        | 95.50               | 0.00         |
|                                       | 867.89        | 1385.27   | 723.52                                    | De-coex                  | 1305 60      | 1911.37      | 57.06      | 6.48      | 8.89      | 2.81                     | 32.03                    | 23.62          | 6.25         | 211.83      | 29.40       | 7.51      | 1.55                     | 2000                     | 145 50         | 21.79       | 136.52       | 12,49     | 4.33                                    | 7,00                     | 766                      | 95.59               | 16.44        |
|                                       | 14%           | 22%   | 12%                                       | 21.9                     | 318          | 31%          | 100%       | 11%       | 16%       | 5%                       | 3/70                     | 1              | 11%          | 100%        | 14%         | 4%        | 4%                       |                          | 7607           | 10%         | 100%         | 9%        | 3%                                      | 9                        | Se .                     | 70%                 | 12%          |
| 644.98                                |               |   |   |                          |              |              | 7.63       |           | 7.63      |                          |                          |                |              | 47.82       | 47.82       |           |                          |                          |                |             | 16.57        |           | 16.57                                   |                          |                          |                     |              |
|                                       | 9.43%         |   |   |                          |              | $\downarrow$ | 11.80%     |           |           |                          |                          | Т              | $\downarrow$ | 18.42%      |             |           | 479.01                   | 18.42%                   |                |             | 10.82%       |           |   | W70.01                   | 10.82%                   |                     |              |
|                                       | 735.50        | 1547.36   | 728.71                                    | 9T./Ch                   |              | 1405 77      | 34.96      | 5.69      | 9.51      | 3.02                     | 14.11                    |                | 4 22         | 108.21      | 22.08       | 7.51      | 7.77                     | 00.00                    | 25.25          | 15.42       | 69.95        | 9.59      | 4.55                                    | 17.71                    | 771                      | 36.35               | 11.74        |
|                                       |               | 1573.10   | 802.57                                    | SCTOR                    |              |              | 32.58      |           |           |                          |                          |                |              |             |             |           |                          |                          |                |             |              |           |   |                          |                          |                     | 11.57        |
|                                       |               | 101.66%   |   | 2003/26                  |              |              |            |           | 9.85      |                          | 104.05%                  |                |              |             |             | 6.99 93.  | 8.40                     |                          |                |             |              | 6.03 62   | 4.97 109.                               |                          |                          |                     |              |
|                                       | 56.30×        | ¥698  | 10.14%                                    | 3/8                      | 200          | Ī            |            | 77.65%    | 103,45%   | 109.12%                  | 98                       | 2000           | Ī            |             | 25.24%      | 93.12%    | 108.01%                  | WT 1.00                  |                |             |              | 62.86%    | 109.14%                                 | 102.13%                  |                          | 07 16%              | 98.57%       |
|                                       |               |   |   |                          |              | 1            | 17 20%     |           |           |                          |                          |                |              | 29 49%      |             |           |                          |                          |                |             | 13.84%       |           |   |                          |                          |                     |              |

\*\* Note: It shall be mandatory to record the energy supplied separately for each category of consumers which is being provided a separate rate of subsidy in the tariff, by the state government, so that the subsidy due for the electricity distribution company is quarterly calculated by multiplying the energy supplied to each of such category of consumers by the applicable rate

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**Authorised Signatory and Seal** 

Name of Authorised Signatory.

Name of the DISCOM:

C**RulkAddress**t Manager (Operations) BESOCIA, Comporate Office,

Seal R. Circle, Bangalore-550 001

Signature:-

Name of Energy Manager: Sti. Rasayayaju. H.B.
Registration Number: DITER - E827.
ENERGY AUDITER - E827.
BESCOM