

General Information


| | | | | |
|-----|---|---------------------------------------|------------------|-------------------------------|
| 1 | Name of the DISCOM | Cochin Port Authority | | |
| 2 | i) Year of Establishment | 1936 | | |
| | ii) Government/Public/Private | Public | | |
| 3 | DISCOM's Contact details & Address | | | |
| i | City/Town/Village | Cochin | | |
| ii | District | Ernakulam | | |
| iii | State | Kerala | Pin | 682009 |
| iv | Telephone | 0484-2668200 | Fax | 0484-2666512 |
| 4 | Registered Office | | | |
| i | Company's Chief Executive Name | | | |
| ii | Designation | Chairman | | |
| iii | Address | Cochin Port Authority, W.Island | | |
| iv | City/Town/Village | Cochin | P.O. | W.Island |
| v | District | Ernakulam | | |
| vi | State | Kerala | Pin | 682009 |
| vii | Telephone | 0484-2668566 | Fax | 0484-2668163 |
| 5 | Nodal Officer Details* | | | |
| i | Nodal Officer Name (Designated at DISCOM's) | | | |
| ii | Designation | Deputy Chief Mechanical Engineer(Ele) | | |
| iii | Address | Cochin Port Authority, W.Island | | |
| iv | City/Town/Village | Cochin | P.O. | W. Island |
| v | District | Ernakulam | | |
| vi | State | Kerala | Pin | 682009 |
| vii | Telephone | 0484-2582350/2351 | Fax | 0484-2666639 |
| 6 | Energy Manager Details* | | | |
| i | Name | Jayalakshmy.S | | |
| ii | Designation | Asst. Exe. Engineer(Ele) | Whether EA or EM | EM |
| iii | EA/EM Registration No. | Nil | | |
| iv | Telephone | 0484-2382360 | Fax | 0484-2666639 |
| v | Mobile | 9496450704 | E-mail ID | jayalakshmi@cochinport.gov.in |
| 7 | Period of Information | | | |
| | Year of (FY) information including Date and Month (Start & End) | 1st July 2021 to 30th Sep 2021 | | |


 SUPERINTENDING ENGINEER (ELE)
 COCHIN PORT TRUST

| Performance Summary of Electricity Distribution Companies | | | |
|---|--|--------------------------------|------|
| 1 | Period of Information Year of (FY) information including Date and Month (Start & End) | 1st July 2021 to 30th Sep 2021 | |
| 2 | Technical Details | | |
| (a) | Energy Input Details | | |
| (i) | Input Energy Purchase (From Generation Source) | Million kwh | 8.46 |
| (ii) | Net input energy (at DISCOM Periphery after adjusting the transmission losses and energy traded) | Million kwh | 8.55 |
| (iii) | Total Energy billed (is the Net energy billed, adjusted for energy traded)) | Million kwh | 8.18 |
| (b) | Transmission and Distribution (T&D) loss Details | Million kwh | 0.37 |
| | | % | 0.04 |
| | Collection Efficiency | % | 99% |
| (c) | Aggregate Technical & Commercial Loss | % | 6% |

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 other person affected, I/we undertake to indemnify such loss.

Authorised Signatory and Seal


SUPERINTENDING ENGINEER (ELE) :
COCHIN PORT TRUST
 Name of At Ajayakumar R.S, EE(Ele) & nodal Officer i/c
 Name of th Cochin Port Authority
 Full Addre: W.Island , Cochin -682009, Kerala

Signature:-

Name of Energy Manag Jayalakshmy.S, AEE(Ele)

Registration Number:

Seal

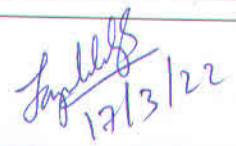


| Form-Details of Input Infrastructure | | | | | |
|--------------------------------------|--|--|-------------------------|---|--------------------------|
| 1 | Parameters | Total | Covered during in audit | Verified by Auditor in Sample Check | Remarks (Source of data) |
| i | Number of circles | 1 | | 1 yes | |
| ii | Number of divisions | | | | |
| iii | Number of sub-divisions | | | | |
| iv | Number of feeders | 15 | | 15 | |
| v | Number of DTs | 40 | | 40 | 1 |
| vi | Number of consumers | 1183 | | 1183 | 1 |
| 2 | Parameters | 66kV and above | 33kV | 11/22kV | 5 |
| a.i. | Number of conventional metered consumers | 0 | 0 | 0 | LT 48 |
| ii | Number of consumers with 'smart' meters | 0 | 0 | 35 | 1100 |
| iii | Number of consumers with 'smart prepaid' meters | 0 | 0 | 0 | 0 |
| iv | Number of consumers with 'AMR' meters | 0 | 0 | 0 | 0 |
| v | Number of consumers with 'non-smart prepaid' meters | 0 | 0 | 0 | 0 |
| vi | Number of unmetered consumers | 0 | 0 | 0 | 0 |
| vii | Number of total consumers | 0 | 0 | 35 | 0 |
| b.i. | Number of conventionally metered Distribution Transformers | 0 | 0 | 35 | 1148 |
| ii | Number of DTs with communicable meters | 0 | 0 | 0 | 0 |
| iii | Number of unmetered DTs | 0 | 0 | 40 | 0 |
| iv | Number of total Transformers | 9 | 0 | 40 | 0 |
| c.i. | Number of metered feeders | 0 | 0 | 40 | 0 |
| ii | Number of feeders with communicable meters | 0 | 0 | 11 | 0 |
| iii | Number of unmetered feeders | 0 | 0 | 11 | 0 |
| iv | Number of total feeders | 0 | 0 | 4 | |
| d. | Line length (ct km) | | | | |
| e. | Length of Aerial Bunched Cables | | 85 | | |
| f. | Length of Underground Cables | | 0 | | |
| | | | 155 | | |
| 3 | Voltage level | Particulars | MU | Reference | Remarks (Source of data) |
| i | 66kV and above | Long-Term Conventional | 8 | Includes input energy for franchisees | From M/s KSEBL |
| | | Medium Conventional | 0 | | |
| | | Short Term Conventional | 0 | | |
| | | Banking | 0 | | |
| | | Long-Term Renewable energy | 0 | | |
| | | Medium and Short-Term RE | 0 | Includes power from bilateral/ PX/ DEEP Any power wheeled for any purchase other than sale to DISCOM. Does not include input for franchisee. | |
| | | Captive, open access input | 0 | | |
| | | Sale of surplus power | 0.00% | | |
| | | Quantum of inter-state transmission loss | 0 | As confirmed by SLDC, RLDC etc | |
| | | Power procured from inter-state sources | 8 | | |
| Power at state transmission boundary | 8 | Based on data from Form 5 | | | |
| ii | 33kV | Long-Term Conventional | 0 | | |
| | | Medium Conventional | 0 | | |
| | | Short Term Conventional | 0 | | |
| | | Banking | 0 | | |
| | | Long-Term Renewable energy | 0 | | |
| | | Medium and Short-Term RE | 0 | | |



 SUPERINTENDING ENGINEER (E)

 COCHIN PORT TRUST



 17/3/22

| | | | | |
|---------------------------|---------------|--|---------|---|
| | | Captive, open access input | 0 | |
| | | Sale of surplus power | 0.00% | |
| | | Quantum of intra-state transmission loss | 0 | |
| | | Power procured from intra-state sources | 0 | |
| iii | | Input in DISCOM wires network | 8 | |
| iv | 33 kV | Renewable Energy Procurement | 0 | |
| | | Small capacity conventional/ biomass/ hydro plants Procurement | 0 | |
| | | Captive, open access input | 0 | |
| v | 11 kV | Renewable Energy Procurement | 0 | |
| | | Small capacity conventional/ biomass/ hydro plants Procurement | 0 | |
| | | Sales Migration Input | 0 | |
| vi | LT | Renewable Energy Procurement | 0.08469 | |
| | | Sales Migration Input | 0 | |
| vii | | Energy Embedded within DISCOM wires network | 0.08469 | |
| viii | | Total Energy Available/ Input | 9 | |
| 4 | Voltage level | Energy Sales Particulars | MU | Reference |
| i | LT Level | DISCOM' consumers | 2 | Include sales to consumers in franchisee areas, unmetered consumers |
| | | Demand from open access, captive | 0 | Non DISCOM's sales |
| | | Embedded generation used at LT level | 0 | Demand from embedded generation at LT level |
| | | Sale at LT level | 2 | |
| | | Quantum of LT level losses | 0 | |
| ii | 11 kV Level | DISCOM' consumers | 6 | Include sales to consumers in franchisee areas, unmetered consumers |
| | | Demand from open access, captive | 0 | Non DISCOM's sales |
| | | Embedded generation at 11 kV level used | 0 | Demand from embedded generation at 11kV level |
| | | Sales at 11 kV level | 6 | |
| | | Quantum of Losses at 11 kV | 0 | |
| iii | 33 kV Level | DISCOM' consumers | 0 | Include sales to consumers in franchisee areas, unmetered consumers |
| | | Demand from open access, captive | 0 | Non DISCOM's sales |
| | | Embedded generation at 33 kV or below level | 0 | This is DISCOM and OA demand met via energy generated at same voltage level |
| | | Sales at 33 kV level | 0 | |
| | | Quantum of Losses at 33 kV | 0 | |
| iv | > 33 kV | DISCOM' consumers | 0 | Include sales to consumers in franchisee areas, unmetered consumers |
| | | Demand from open access, captive | 0 | Non DISCOM's sales |
| | | Cross border sale of energy | 0 | |
| | | Sale to other DISCOMs | 0 | |
| | | Banking | 0 | |
| | | Energy input at > 33kV Level | 0 | |
| | | Sales at 66kV and above (EHV) | 0 | |
| Total Energy Requirement | | | 8 | |
| Total Energy Sales | | | 8 | |
| Energy Accounting Summary | | | | |



 SUPERINTENDING ENGINEER (ELE)

 COCHIN PORT TRUST



 18/3

| 5 | DISCOM | Input (in MU) | Sale (in MU) | Loss (in MU) | Loss % |
|-----|----------------------|------------------|-----------------|-----------------|--------|
| i | LT | 0.08469 | | | |
| ii | 11 Kv | 2.61975 | 1.829606 | | |
| iii | 33 kv | 0 | 6.349042 | | |
| iv | > 33 kv | 5.8452 | 0 | | |
| 6 | Open Access, Captive | | | | |
| i | LT | 0 | | | |
| ii | 11 Kv | 0 | 0 | 0 | |
| iii | 33 kv | 0 | 0 | 0 | |
| iv | > 33 kv | 0 | 0 | 0 | |

| Loss Estimation for DISCOM | |
|----------------------------|-------------|
| T&D loss | 0 |
| D loss | 0 |
| T&D loss (%) | 0.033713611 |
| D loss (%) | 0.033713611 |


 SUPERINTENDING ENGINEER (ELE)
 COCHIN PORT TRUST


 17/3/22

Details of Division Wise Losses (See note below**)

| Division Wise Losses | | | | | | | | | | | | | | | | | | | | | | | | |
|---|----------------|-------------|------------------|--------------------------|--------------------------------|-----------------------------------|-----------------------------------|----------------------------|-----------------------------|--------------------------------|---------------------------|---------------------|--------------------|----------------|-------------------------------|--------------|---------------|----------------------|----------------------------|-------------------------------|-----------------|-----------------------|-------------------------|-------|
| Period From 1st July 2021....To 30 th Sep 2021... | | | | | | | | | | | | | | | | | | | | | | | | |
| S.No | Name of circle | Circle code | Name of Division | Consumer profile | | | | | | | Energy parameters | | | | | Losses | | Commercial Parameter | | | AT & C loss (%) | | | |
| | | | | Consumer category | No of connection metered (Nos) | No of connection Un-metered (Nos) | Total Number of connections (Nos) | % of number of connections | Connected Load metered (MW) | Connected Load Un-metered (MW) | Total Connected Load (MW) | % of connected load | Billed energy (MU) | | | | T&D loss (MU) | T&D loss (%) | Billed Amount in Rs. Crore | Collected Amount in Rs. Crore | | Collection Efficiency | | |
| | | | | | | | | | | | | | Input energy (MU) | Metered energy | Unmetered/a assessment energy | Total energy | | | | | | | % of energy consumption | |
| 1 | | | | Residential | 484 | 0 | 484 | 41% | 0 | 0 | 0 | 0% | 8.54984 | 0.252737 | 0 | 0.252737 | 3% | 0.371198 | 4% | 0.1595799 | 0.1595799 | 100.00% | | |
| | | | | Agricultural | 0 | 0 | 0 | 0% | 0 | 0 | 0% | 0 | | 0 | 0% | 0 | 0 | | | 0 | 0% | 0 | 0 | 0.00% |
| | | | | Commercial/Industrial-LT | 531 | 0 | 531 | 45% | 0 | 0 | 0 | 0% | | 0.709419 | 0 | 0.709419 | 9% | | | 1.0462532 | 1.0462532 | 100.00% | | |
| | | | | Commercial/Industrial-HT | 28 | 0 | 28 | 2% | 0 | 0 | 0 | 0% | | 5.973774 | 0 | 5.973774 | 73% | | | 6.2356023 | 6.2356023 | 100.00% | | |
| | | | | Others | 140 | 0 | 140 | 12% | 0 | 0 | 0 | 0% | | 1.242712 | 0 | 1.242712 | 15% | | | 0.7436137 | 0.6435 | 86.54% | | |
| Sub-total | | | | 1183 | 0 | 1183 | 100% | 0 | 0 | 0 | 100% | 8.54984 | 8.178642 | 0 | 8.178642 | 100% | 0.371198 | 4% | 8.1850491 | 8.0849354 | 98.78% | | | |
| 2 | | | | Residential | 0 | 0 | 0 | 0% | 0 | 0 | 0 | 0% | 0 | 0 | 0 | 0 | 0% | 0 | 0% | 0 | 0 | 0.00% | | |
| | | | | Agricultural | 0 | 0 | 0 | 0% | 0 | 0 | 0% | 0 | | 0 | 0% | 0 | 0 | | | 0 | 0% | 0 | 0 | 0.00% |
| | | | | Commercial/Industrial-LT | 0 | 0 | 0 | 0% | 0 | 0 | 0% | 0 | | 0 | 0% | 0 | 0 | | | 0 | 0% | 0 | 0 | 0.00% |
| | | | | Commercial/Industrial-HT | 0 | 0 | 0 | 0% | 0 | 0 | 0% | 0 | | 0 | 0% | 0 | 0 | | | 0 | 0% | 0 | 0 | 0.00% |
| | | | | Others | 0 | 0 | 0 | 0% | 0 | 0 | 0% | 0 | | 0 | 0% | 0 | 0 | | | 0 | 0% | 0 | 0 | 0.00% |
| Sub-total | | | | 0 | 0 | 0 | 100% | 0 | 0 | 0 | 100% | 0 | 0 | 0 | 0% | 0 | 0% | 0 | 0 | 0.00% | | | | |
| 3 | | | | Residential | 0 | 0 | 0 | 0% | 0 | 0 | 0 | 0% | 0 | 0 | 0 | 0 | 0% | 0 | 0% | 0 | 0 | 0.00% | | |
| | | | | Agricultural | 0 | 0 | 0 | 0% | 0 | 0 | 0% | 0 | | 0 | 0% | 0 | 0 | | | 0 | 0% | 0 | 0 | 0.00% |
| | | | | Commercial/Industrial-LT | 0 | 0 | 0 | 0% | 0 | 0 | 0% | 0 | | 0 | 0% | 0 | 0 | | | 0 | 0% | 0 | 0 | 0.00% |
| | | | | Commercial/Industrial-HT | 0 | 0 | 0 | 0% | 0 | 0 | 0% | 0 | | 0 | 0% | 0 | 0 | | | 0 | 0% | 0 | 0 | 0.00% |
| | | | | Others | 0 | 0 | 0 | 0% | 0 | 0 | 0% | 0 | | 0 | 0% | 0 | 0 | | | 0 | 0% | 0 | 0 | 0.00% |
| Sub-total | | | | 0 | 0 | 0 | 100% | 0 | 0 | 0 | 100% | 0 | 0 | 0 | 0% | 0 | 0% | 0 | 0 | 0.00% | | | | |
| 4 | | | | Residential | 0 | 0 | 0 | 0% | 0 | 0 | 0 | 0% | 0 | 0 | 0 | 0 | 0% | 0 | 0% | 0 | 0 | 0.00% | | |
| | | | | Agricultural | 0 | 0 | 0 | 0% | 0 | 0 | 0% | 0 | | 0 | 0% | 0 | 0 | | | 0 | 0% | 0 | 0 | 0.00% |
| | | | | Commercial/Industrial-LT | 0 | 0 | 0 | 0% | 0 | 0 | 0% | 0 | | 0 | 0% | 0 | 0 | | | 0 | 0% | 0 | 0 | 0.00% |
| | | | | Commercial/Industrial-HT | 0 | 0 | 0 | 0% | 0 | 0 | 0% | 0 | | 0 | 0% | 0 | 0 | | | 0 | 0% | 0 | 0 | 0.00% |
| | | | | Others | 0 | 0 | 0 | 0% | 0 | 0 | 0% | 0 | | 0 | 0% | 0 | 0 | | | 0 | 0% | 0 | 0 | 0.00% |
| Sub-total | | | | 0 | 0 | 0 | 100% | 0 | 0 | 0 | 100% | 0 | 0 | 0 | 0% | 0 | 0% | 0 | 0 | 0.00% | | | | |
| 5 | | | | Residential | 0 | 0 | 0 | 0% | 0 | 0 | 0 | 0% | 0 | 0 | 0 | 0 | 0% | 0 | 0% | 0 | 0 | 0.00% | | |
| | | | | Agricultural | 0 | 0 | 0 | 0% | 0 | 0 | 0% | 0 | | 0 | 0% | 0 | 0 | | | 0 | 0% | 0 | 0 | 0.00% |
| | | | | Commercial/Industrial-LT | 0 | 0 | 0 | 0% | 0 | 0 | 0% | 0 | | 0 | 0% | 0 | 0 | | | 0 | 0% | 0 | 0 | 0.00% |
| | | | | Commercial/Industrial-HT | 0 | 0 | 0 | 0% | 0 | 0 | 0% | 0 | | 0 | 0% | 0 | 0 | | | 0 | 0% | 0 | 0 | 0.00% |
| | | | | Others | 0 | 0 | 0 | 0% | 0 | 0 | 0% | 0 | | 0 | 0% | 0 | 0 | | | 0 | 0% | 0 | 0 | 0.00% |
| Sub-total | | | | 0 | 0 | 0 | 100% | 0 | 0 | 0 | 100% | 0 | 0 | 0 | 0% | 0 | 0% | 0 | 0 | 0.00% | | | | |
| 6 | | | | Residential | 0 | 0 | 0 | 0% | 0 | 0 | 0 | 0% | 0 | 0 | 0 | 0 | 0% | 0 | 0% | 0 | 0 | 0.00% | | |
| | | | | Agricultural | 0 | 0 | 0 | 0% | 0 | 0 | 0% | 0 | | 0 | 0% | 0 | 0 | | | 0 | 0% | 0 | 0 | 0.00% |
| | | | | Commercial/Industrial-LT | 0 | 0 | 0 | 0% | 0 | 0 | 0% | 0 | | 0 | 0% | 0 | 0 | | | 0 | 0% | 0 | 0 | 0.00% |
| | | | | Commercial/Industrial-HT | 0 | 0 | 0 | 0% | 0 | 0 | 0% | 0 | | 0 | 0% | 0 | 0 | | | 0 | 0% | 0 | 0 | 0.00% |
| | | | | Others | 0 | 0 | 0 | 0% | 0 | 0 | 0% | 0 | | 0 | 0% | 0 | 0 | | | 0 | 0% | 0 | 0 | 0.00% |
| Sub-total | | | | 0 | 0 | 0 | 100% | 0 | 0 | 0 | 100% | 0 | 0 | 0 | 0% | 0 | 0% | 0 | 0 | 0.00% | | | | |
| 7 | | | | Residential | 0 | 0 | 0 | 0% | 0 | 0 | 0 | 0% | 0 | 0 | 0 | 0 | 0% | 0 | 0% | 0 | 0 | 0.00% | | |
| | | | | Agricultural | 0 | 0 | 0 | 0% | 0 | 0 | 0% | 0 | | 0 | 0% | 0 | 0 | | | 0 | 0% | 0 | 0 | 0.00% |
| | | | | Commercial/Industrial-LT | 0 | 0 | 0 | 0% | 0 | 0 | 0% | 0 | | 0 | 0% | 0 | 0 | | | 0 | 0% | 0 | 0 | 0.00% |
| | | | | Commercial/Industrial-HT | 0 | 0 | 0 | 0% | 0 | 0 | 0% | 0 | | 0 | 0% | 0 | 0 | | | 0 | 0% | 0 | 0 | 0.00% |
| | | | | Others | 0 | 0 | 0 | 0% | 0 | 0 | 0% | 0 | | 0 | 0% | 0 | 0 | | | 0 | 0% | 0 | 0 | 0.00% |
| Sub-total | | | | 0 | 0 | 0 | 100% | 0 | 0 | 0 | 100% | 0 | 0 | 0 | 0% | 0 | 0% | 0 | 0 | 0.00% | | | | |
| 8 | | | | Residential | 0 | 0 | 0 | 0% | 0 | 0 | 0 | 0% | 0 | 0 | 0 | 0 | 0% | 0 | 0% | 0 | 0 | 0.00% | | |
| | | | | Agricultural | 0 | 0 | 0 | 0% | 0 | 0 | 0% | 0 | | 0 | 0% | 0 | 0 | | | 0 | 0% | 0 | 0 | 0.00% |
| | | | | Commercial/Industrial-LT | 0 | 0 | 0 | 0% | 0 | 0 | 0% | 0 | | 0 | 0% | 0 | 0 | | | 0 | 0% | 0 | 0 | 0.00% |
| | | | | Commercial/Industrial-HT | 0 | 0 | 0 | 0% | 0 | 0 | 0% | 0 | | 0 | 0% | 0 | 0 | | | 0 | 0% | 0 | 0 | 0.00% |
| | | | | Others | 0 | 0 | 0 | 0% | 0 | 0 | 0% | 0 | | 0 | 0% | 0 | 0 | | | 0 | 0% | 0 | 0 | 0.00% |
| Sub-total | | | | 0 | 0 | 0 | 100% | 0 | 0 | 0 | 100% | 0 | 0 | 0 | 0% | 0 | 0% | 0 | 0 | 0.00% | | | | |
| 9 | | | | Residential | 0 | 0 | 0 | 0% | 0 | 0 | 0 | 0% | 0 | 0 | 0 | 0 | 0% | 0 | 0% | 0 | 0 | 0.00% | | |
| | | | | Agricultural | 0 | 0 | 0 | 0% | 0 | 0 | 0% | 0 | | 0 | 0% | 0 | 0 | | | 0 | 0% | 0 | 0 | 0.00% |
| | | | | Commercial/Industrial-LT | 0 | 0 | 0 | 0% | 0 | 0 | 0% | 0 | | 0 | 0% | 0 | 0 | | | 0 | 0% | 0 | 0 | 0.00% |
| | | | | Commercial/Industrial-HT | 0 | 0 | 0 | 0% | 0 | 0 | 0% | 0 | | 0 | 0% | 0 | 0 | | | 0 | 0% | 0 | 0 | 0.00% |
| | | | | Others | 0 | 0 | 0 | 0% | 0 | 0 | 0% | 0 | | 0 | 0% | 0 | 0 | | | 0 | 0% | 0 | 0 | 0.00% |
| Sub-total | | | | 0 | 0 | 0 | 100% | 0 | 0 | 0 | 100% | 0 | 0 | 0 | 0% | 0 | 0% | 0 | 0 | 0.00% | | | | |
| 10 | | | | Residential | 0 | 0 | 0 | 0% | 0 | 0 | 0 | 0% | 0 | 0 | 0 | 0 | 0% | 0 | 0% | 0 | 0 | 0.00% | | |
| | | | | Agricultural | 0 | 0 | 0 | 0% | 0 | 0 | 0% | 0 | | 0 | 0% | 0 | 0 | | | 0 | 0% | 0 | 0 | 0.00% |
| | | | | Commercial/Industrial-LT | 0 | 0 | 0 | 0% | 0 | 0 | 0% | 0 | | 0 | 0% | 0 | 0 | | | 0 | 0% | 0 | 0 | 0.00% |
| | | | | Commercial/Industrial-HT | 0 | 0 | 0 | 0% | 0 | 0 | 0% | 0 | | 0 | 0% | 0 | 0 | | | 0 | 0% | 0 | 0 | 0.00% |
| | | | | Others | 0 | 0 | 0 | 0% | 0 | 0 | 0% | 0 | | 0 | 0% | 0 | 0 | | | 0 | 0% | 0 | 0 | 0.00% |
| Sub-total | | | | 0 | 0 | 0 | 100% | 0 | 0 | 0 | 100% | 0 | 0 | 0 | 0% | 0 | 0% | 0 | 0 | 0.00% | | | | |
| 11 | | | | Residential | 0 | 0 | 0 | 0% | 0 | 0 | 0 | 0% | 0 | 0 | 0 | 0 | 0% | 0 | 0% | 0 | 0 | 0.00% | | |
| | | | | Agricultural | 0 | 0 | 0 | 0% | 0 | 0 | 0% | 0 | | 0 | 0% | 0 | 0 | | | 0 | 0% | 0 | 0 | 0.00% |
| | | | | Commercial/Industrial-LT | 0 | 0 | 0 | 0% | 0 | 0 | 0% | 0 | | 0 | 0% | 0 | 0 | | | 0 | 0% | 0 | 0 | 0.00% |
| | | | | Commercial/Industrial-HT | 0 | 0 | 0 | 0% | 0 | 0 | 0% | 0 | | 0 | 0% | 0 | 0 | | | 0 | 0% | 0 | 0 | 0.00% |
| | | | | Others | 0 | 0 | 0 | 0% | 0 | 0 | 0% | 0 | | 0 | 0% | 0 | 0 | | | 0 | 0% | 0 | 0 | 0.00% |
| Sub-total | | | | 0 | 0 | 0 | 100% | 0 | 0 | 0 | 100% | 0 | 0 | 0 | 0% | 0 | 0% | 0 | 0 | 0.00% | | | | |

SUPERINTENDING ENGINEER
CIRCULE NO. 21

17/5

| | | Commercial/Industrial-LT | 0 | 0 | 0 | #DIV/0! | 0 | 0 | 0 | #DIV/0! | 0 | 0 | 0 | 0 | #DIV/0! | 0 | 0% | 0 | 0 | 0.00% |
|----|------------------|--------------------------|------|---|------|---------|---|---|---|---------|---------|----------|---|----------|---------|----------|----|-----------|-----------|---------|
| | | Commercial/Industrial-HT | 0 | 0 | 0 | #DIV/0! | 0 | 0 | 0 | #DIV/0! | 0 | 0 | 0 | 0 | #DIV/0! | 0 | 0% | 0 | 0 | 0.00% |
| | | Others | 0 | 0 | 0 | #DIV/0! | 0 | 0 | 0 | #DIV/0! | 0 | 0 | 0 | 0 | #DIV/0! | 0 | 0% | 0 | 0 | 0.00% |
| | | Sub-total | 0 | 0 | 0 | 100% | 0 | 0 | 0 | 100% | 0 | 0 | 0 | 0 | 100% | 0 | 0% | 0 | 0 | 0.00% |
| 76 | Total | Residential | 484 | 0 | 484 | 41% | 0 | 0 | 0 | 0% | 8.54984 | 0.252737 | 0 | 0.252737 | 3% | 0.371198 | 4% | 0.1595799 | 0.1595799 | 100.00% |
| | | Agricultural | 0 | 0 | 0 | 0% | 0 | 0 | 0 | 0% | | 0 | 0 | 0 | 0% | | | 0 | 0 | 0.00% |
| | | Commercial/Industrial-LT | 531 | 0 | 531 | 45% | 0 | 0 | 0 | 0% | | 0.709419 | 0 | 0.709419 | 9% | | | 1.0462532 | 1.0462532 | 100.00% |
| | | Commercial/Industrial-HT | 28 | 0 | 28 | 2% | 0 | 0 | 0 | 0% | | 5.973774 | 0 | 5.973774 | 73% | | | 6.2356023 | 6.2356023 | 100.00% |
| | | Others | 140 | 0 | 140 | 12% | 0 | 0 | 0 | 0% | | 1.242712 | 0 | 1.242712 | 15% | | | 0.7436137 | 0.6435 | 86.54% |
| 77 | At company level | | 1183 | 0 | 1183 | 100% | 0 | 0 | 0 | 100% | 8.54984 | 8.178642 | 0 | 8.178642 | 100% | 0.371198 | 4% | 8.1850491 | 8.0849354 | 98.78% |

** 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 of subsidy notified by the state government.

| Color code | Parameter |
|------------|---------------------------------|
| | Please enter name of circle |
| | Please enter circle code |
| 0 | Please enter numeric value or 0 |
| | Formula protected |

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 other person affected, I/we undertake to indemnify such loss.

Authorised Signatory and Seal

Name of Authorised Signatory

13/3/22
SUPERINTENDING ENGINEER (ELE)
COCHIN PORT TRUST
R. S.

Name of the DISCOM:

Full Address:-

Cochin Port Trust
Cw. Island
Kochi - 9

Seal

Signature:-

Name of Energy Manager:

Registration Number:

Jayalalshy



| Form Input energy (Details of Input energy & Infrastructure) | | | | | | | | | | | | | | |
|--|--|--|--|--|--|--|--|--|--|--|--|--------------------|-------|--|
| A. Summary of input, load & collection | | | | | | | | | | | | B. History of data | | |
| Parameters | | | | | | | | | | | | B. History of data | | |
| A.1 | Input Energy purchased (MWh) | | | | | | | | | | | | 0 | |
| A.2 | Transmission loss (MWh) | | | | | | | | | | | | 0 | |
| A.3 | Transmission loss (MW) | | | | | | | | | | | | 0 | |
| A.4 | Energy sold outside the jurisdiction (MWh) | | | | | | | | | | | | 0 | |
| A.5 | Open access sale (MWh) | | | | | | | | | | | | 0 | |
| A.6 | Open access sale (MW) | | | | | | | | | | | | 0 | |
| A.7 | Net energy received at DISCOM per meter at distribution point (MWh) | | | | | | | | | | | | 0 | |
| A.8 | % 100% metering available at 66/11 KV District level as on 31st July | | | | | | | | | | | | 0.00 | |
| A.9 | % 100% metering available at 33 KV District level as on 31st July | | | | | | | | | | | | 0.00 | |
| A.10 | % of metering available at 0/1 | | | | | | | | | | | | 0.00 | |
| A.11 | % of metering available at consumer level | | | | | | | | | | | | 0.00 | |
| A.12 | No of meters at 66KV voltage level | | | | | | | | | | | | 0 | |
| A.13 | No of meters at 33KV voltage level | | | | | | | | | | | | 0 | |
| A.14 | No of meters at 11KV voltage level | | | | | | | | | | | | 0 | |
| A.15 | No of U.T. meters installed | | | | | | | | | | | | 0 | |
| A.16 | Line length (km) at 66KV voltage level | | | | | | | | | | | | 0 | |
| A.17 | Line length (km) at 33KV voltage level | | | | | | | | | | | | 0 | |
| A.18 | Line length (km) at 11KV voltage level | | | | | | | | | | | | 0 | |
| A.19 | Line length (km) at U.T level | | | | | | | | | | | | 0 | |
| A.20 | Length of Aerial Bundled Cables | | | | | | | | | | | | 105 | |
| A.21 | Length of Underground Cables | | | | | | | | | | | | 0 | |
| A.22 | MVA Loss | | | | | | | | | | | | 0.018 | |

| B. Meter reading of input energy at injection points | | | | | | | | | | | | | | | | | | | | | |
|--|------|------|--------------------|-----------------|-----------------|-------------|------------|---------------------------------------|---------------------------------------|--------------------------------------|------------------------------------|---|--------------------------|--|---------------------------------------|--------------------|-------------|------------|-------------------------|--|--|
| S.No. | Area | Code | Voltage level (KV) | Substation (KV) | Substation (KV) | Feeder Name | Feeder No. | Feeder Name (Actual or Design/AMRALS) | Phase of Meter (Phase/Phase-Sequence) | Category of Meter (High/Low Voltage) | Meter Type (MVA/Transformer/Other) | Meter Status (Operational/Out of Service) | % Metered Through AMRALS | Number of Meters installed in the area | Total Number of Meters in the project | Period (Date - To) | Value (MWh) | Value (MW) | Remarks (Area of meter) | | |
| B.1 | | | 110KV | SRM | SRM/RRM | 401 | a | SRM | Functional | High | MVA | Operational | 100% | 0 | | | | | | | |
| B.2 | | | | | | 402 | b | SRM | Functional | High | MVA | Operational | 100% | 0 | | | | | | | |
| B.3 | | | | | | 403 | c | SRM | Functional | High | MVA | Operational | 100% | 0 | | | | | | | |
| B.4 | | | | | | 404 | d | SRM | Functional | High | MVA | Operational | 100% | 0 | | | | | | | |
| B.5 | | | | | | 405 | e | SRM | Functional | High | MVA | Operational | 100% | 0 | | | | | | | |
| B.6 | | | | | | 406 | f | SRM | Functional | High | MVA | Operational | 100% | 0 | | | | | | | |
| B.7 | | | | | | 407 | g | SRM | Functional | High | MVA | Operational | 100% | 0 | | | | | | | |
| B.8 | | | | | | 408 | h | SRM | Functional | High | MVA | Operational | 100% | 0 | | | | | | | |
| B.9 | | | | | | 409 | i | SRM | Functional | High | MVA | Operational | 100% | 0 | | | | | | | |
| B.10 | | | | | | 410 | j | SRM | Functional | High | MVA | Operational | 100% | 0 | | | | | | | |
| B.11 | | | | | | 411 | k | SRM | Functional | High | MVA | Operational | 100% | 0 | | | | | | | |
| B.12 | | | | | | 412 | l | SRM | Functional | High | MVA | Operational | 100% | 0 | | | | | | | |
| B.13 | | | | | | 413 | m | SRM | Functional | High | MVA | Operational | 100% | 0 | | | | | | | |
| B.14 | | | | | | 414 | n | SRM | Functional | High | MVA | Operational | 100% | 0 | | | | | | | |
| B.15 | | | | | | 415 | o | SRM | Functional | High | MVA | Operational | 100% | 0 | | | | | | | |
| B.16 | | | | | | 416 | p | SRM | Functional | High | MVA | Operational | 100% | 0 | | | | | | | |
| B.17 | | | | | | 417 | q | SRM | Functional | High | MVA | Operational | 100% | 0 | | | | | | | |
| B.18 | | | | | | 418 | r | SRM | Functional | High | MVA | Operational | 100% | 0 | | | | | | | |
| B.19 | | | | | | 419 | s | SRM | Functional | High | MVA | Operational | 100% | 0 | | | | | | | |
| B.20 | | | | | | 420 | t | SRM | Functional | High | MVA | Operational | 100% | 0 | | | | | | | |
| B.21 | | | | | | 421 | u | SRM | Functional | High | MVA | Operational | 100% | 0 | | | | | | | |
| B.22 | | | | | | 422 | v | SRM | Functional | High | MVA | Operational | 100% | 0 | | | | | | | |
| B.23 | | | | | | 423 | w | SRM | Functional | High | MVA | Operational | 100% | 0 | | | | | | | |
| B.24 | | | | | | 424 | x | SRM | Functional | High | MVA | Operational | 100% | 0 | | | | | | | |
| B.25 | | | | | | 425 | y | SRM | Functional | High | MVA | Operational | 100% | 0 | | | | | | | |
| B.26 | | | | | | 426 | z | SRM | Functional | High | MVA | Operational | 100% | 0 | | | | | | | |
| B.27 | | | | | | 427 | aa | SRM | Functional | High | MVA | Operational | 100% | 0 | | | | | | | |
| B.28 | | | | | | 428 | ab | SRM | Functional | High | MVA | Operational | 100% | 0 | | | | | | | |
| B.29 | | | | | | 429 | ac | SRM | Functional | High | MVA | Operational | 100% | 0 | | | | | | | |
| B.30 | | | | | | 430 | ad | SRM | Functional | High | MVA | Operational | 100% | 0 | | | | | | | |
| B.31 | | | | | | 431 | ae | SRM | Functional | High | MVA | Operational | 100% | 0 | | | | | | | |
| B.32 | | | | | | 432 | af | SRM | Functional | High | MVA | Operational | 100% | 0 | | | | | | | |
| B.33 | | | | | | 433 | ag | SRM | Functional | High | MVA | Operational | 100% | 0 | | | | | | | |
| B.34 | | | | | | 434 | ah | SRM | Functional | High | MVA | Operational | 100% | 0 | | | | | | | |
| B.35 | | | | | | 435 | ai | SRM | Functional | High | MVA | Operational | 100% | 0 | | | | | | | |
| B.36 | | | | | | 436 | aj | SRM | Functional | High | MVA | Operational | 100% | 0 | | | | | | | |
| B.37 | | | | | | 437 | ak | SRM | Functional | High | MVA | Operational | 100% | 0 | | | | | | | |
| B.38 | | | | | | 438 | al | SRM | Functional | High | MVA | Operational | 100% | 0 | | | | | | | |
| B.39 | | | | | | 439 | am | SRM | Functional | High | MVA | Operational | 100% | 0 | | | | | | | |
| B.40 | | | | | | 440 | an | SRM | Functional | High | MVA | Operational | 100% | 0 | | | | | | | |
| B.41 | | | | | | 441 | ao | SRM | Functional | High | MVA | Operational | 100% | 0 | | | | | | | |
| B.42 | | | | | | 442 | ap | SRM | Functional | High | MVA | Operational | 100% | 0 | | | | | | | |
| B.43 | | | | | | 443 | aq | SRM | Functional | High | MVA | Operational | 100% | 0 | | | | | | | |
| B.44 | | | | | | 444 | ar | SRM | Functional | High | MVA | Operational | 100% | 0 | | | | | | | |
| B.45 | | | | | | 445 | as | SRM | Functional | High | MVA | Operational | 100% | 0 | | | | | | | |
| B.46 | | | | | | 446 | at | SRM | Functional | High | MVA | Operational | 100% | 0 | | | | | | | |
| B.47 | | | | | | 447 | au | SRM | Functional | High | MVA | Operational | 100% | 0 | | | | | | | |
| B.48 | | | | | | 448 | av | SRM | Functional | High | MVA | Operational | 100% | 0 | | | | | | | |
| B.49 | | | | | | 449 | aw | SRM | Functional | High | MVA | Operational | 100% | 0 | | | | | | | |
| B.50 | | | | | | 450 | ax | SRM | Functional | High | MVA | Operational | 100% | 0 | | | | | | | |
| B.51 | | | | | | 451 | ay | SRM | Functional | High | MVA | Operational | 100% | 0 | | | | | | | |
| B.52 | | | | | | 452 | az | SRM | Functional | High | MVA | Operational | 100% | 0 | | | | | | | |
| B.53 | | | | | | 453 | ba | SRM | Functional | High | MVA | Operational | 100% | 0 | | | | | | | |
| B.54 | | | | | | 454 | bb | SRM | Functional | High | MVA | Operational | 100% | 0 | | | | | | | |
| B.55 | | | | | | 455 | bc | SRM | Functional | High | MVA | Operational | 100% | 0 | | | | | | | |
| B.56 | | | | | | 456 | bd | SRM | Functional | High | MVA | Operational | 100% | 0 | | | | | | | |
| B.57 | | | | | | 457 | be | SRM | Functional | High | MVA | Operational | 100% | 0 | | | | | | | |
| B.58 | | | | | | 458 | bf | SRM | Functional | High | MVA | Operational | 100% | 0 | | | | | | | |
| B.59 | | | | | | 459 | bg | SRM | Functional | High | MVA | Operational | 100% | 0 | | | | | | | |
| B.60 | | | | | | 460 | bh | SRM | Functional | High | MVA | Operational | 100% | 0 | | | | | | | |
| B.61 | | | | | | 461 | bi | SRM | Functional | High | MVA | Operational | 100% | 0 | | | | | | | |
| B.62 | | | | | | 462 | bj | SRM | Functional | High | MVA | Operational | 100% | 0 | | | | | | | |
| B.63 | | | | | | 463 | bk | SRM | Functional | High | MVA | Operational | 100% | 0 | | | | | | | |
| B.64 | | | | | | 464 | bl | SRM | Functional | High | MVA | Operational | 100% | 0 | | | | | | | |
| B.65 | | | | | | 465 | bm | SRM | Functional | High | MVA | Operational | 100% | 0 | | | | | | | |
| B.66 | | | | | | 466 | bn | SRM | Functional | High | MVA | Operational | 100% | 0 | | | | | | | |
| B.67 | | | | | | 467 | bo | SRM | Functional | High | MVA | Operational | 100% | 0 | | | | | | | |
| B.68 | | | | | | 468 | bp | SRM | Functional | High | MVA | Operational | 100% | 0 | | | | | | | |
| B.69 | | | | | | 469 | bq | SRM | Functional | High | MVA | Operational | 100% | 0 | | | | | | | |
| B.70 | | | | | | 470 | br | SRM | Functional | High | MVA | Operational | 100% | 0 | | | | | | | |
| B.71 | | | | | | 471 | bs | SRM | Functional | High | MVA | Operational | 100% | 0 | | | | | | | |
| B.72 | | | | | | 472 | bt | SRM | Functional | High | MVA | Operational | 100% | 0 | | | | | | | |
| B.73 | | | | | | 473 | bu | SRM | Functional | High | MVA | Operational | 100% | 0 | | | | | | | |
| B.74 | | | | | | 474 | bv | SRM | Functional | High | MVA | Operational | 100% | 0 | | | | | | | |
| B.75 | | | | | | 475 | bw | SRM | Functional | High | MVA | Operational | 100% | 0 | | | | | | | |
| B.76 | | | | | | 476 | bx | SRM | Functional | High | MVA | Operational | 100% | 0 | | | | | | | |
| B.77 | | | | | | 477 | by | SRM | Functional | High | MVA | Operational | 100% | 0 | | | | | | | |
| B.78 | | | | | | 478 | bz | SRM | Functional | High | MVA | Operational | 100% | 0 | | | | | | | |

10
 1 SUPERINTENDING ENGINEER (ELE)
 COCHIN PORT TRUST

Sanyal/SS
 11/7/23

(Details of Consumers)

Summary of Energy

Period From 1 st July 2021 to Sept 2021

| S.No | Type of Consumers | Category of Consumers (EHT/HT/LT/Others) | Voltage Level (In Voltage) | No of Consumers | Total Consumption (In MU) | Remarks (Source of data) |
|------|---|--|----------------------------|-----------------|---------------------------|--------------------------|
| 1 | Domestic | LT | 415 | 454 | 0.252737 | |
| 2 | Commercial | Lt | 240/415 | 1 | 0.706978 | |
| 3 | IP Sets | 0 | | | | |
| 4 | Hor. & Nur. & Coffee/Tea & Rubber (Metered) | 0 | | | 0 | |
| 5 | Hor. & Nur. & Coffee/Tea & Rubber (Flat) | 0 | | | 0 | |
| 6 | Heating and Motive Power | 0 | | | 0 | |
| 7 | Water Supply | 0 | | | 0 | |
| 8 | Public Lighting | LT | 415 | 50 | 0.083989 | |
| 9 | HT Water Supply | 0 | | | | |
| 10 | HT Industrial | HT | 11 kV | 1 | 0.148016 | |
| 11 | Industrial (Small) | LT | 415 | 1 | 0.00236 | |
| 12 | Industrial (Medium) | 0 | | | | |
| 13 | HT Commercial | HT | 11 kV | 27 | 5.825758 | |
| 14 | Applicable to Government Hospitals & Hospitals | 0 | | | | |
| 15 | Lift Irrigation Schemes/Lift Irrigation Societies | 0 | | | | |
| 16 | HT Res. Apartments Applicable to all areas | 0 | | | | |
| 17 | Mixed Load | | 11 kV/415 V | 615 | 0.683424 | |
| 18 | Government offices and department | Ht/LT | 11 kV/415 V | 34 | 0.478267 | |
| 19 | Others-1 (if any , specify in remarks) | | | | | |
| 20 | Others-2 (if any , specify in remarks) | | | | | |
| 21 | Others-3 (if any , specify in remarks) | | | | | |
| 22 | Others-4 (if any , specify in remarks) | | | | | |
| 23 | Others-5 (if any , specify in remarks) | | | | | |
| 24 | | | | | | |
| 25 | | | | | | |
| 26 | | | | | | |
| 27 | | | | | | |
| 28 | | | | | | |
| 29 | | | | | | |
| 30 | | | | | | |
| 31 | | | | | | |
| 32 | | | | | | |
| 33 | | | | | | |
| 34 | | | | | | |
| 35 | | | | | | |

Handwritten signature and date: 17/3/22

Handwritten signature and date: 18/3

| | | | | | | |
|----|--|--|--|--------------|------|------|
| 36 | | | | | | |
| 37 | | | | | | |
| 38 | | | | | | |
| 39 | | | | | | |
| 40 | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | Total | 1183 | 8.18 |
| | | | | | | |

✓
 17/3/22
 12/3/22

12/3

(Details of Feeder-wise losses)

Period From 1st July 2021 ... To 30th Sept 2021 ...

| Sl No. | Zone | Received at Circle (in MU) | Received at Division (in MU) | Received at Sub-division (in MU) | Name of the Station | Feeder Code/ID | Feeder Name | Type of Feeder (Urban/Mixed/Industrial/Agricultural/Rural) | Type of feeder meter (AMR/AMR/Other) | Received at feeder (Final in MU) | Feeder Consumption (in MU) | Final Net Export at Feeder Level (in MU) | T&D losses | AT&C losses | % Data Received through Automatically (if feeder AMR/AM) | Remarks | |
|--------|------|----------------------------|------------------------------|----------------------------------|---------------------|----------------|----------------|--|--------------------------------------|----------------------------------|----------------------------|--|------------|-------------|--|---------|---------------------------------|
| 1 | | 8.56 | 0 | 0 | | K01 A | SBC | Urban | AM | | | | | | | | |
| | | | | | | K16 | NTRO KV | | | | | | | | | | Feeder wise losses could not be |
| | | | | | | 3 | Q3 | | | | | | | | | | |
| | | | | | | A | Q32 | | | | | | | | | | |
| | | | | | | 5 | PH2 | | | | | | | | | | |
| | | | | | | 9 | LTL | | | | | | | | | | |
| | | | | | | 10 | DS3 | | | | | | | | | | |
| | | | | | | 11 | M43 | | | | | | | | | | |
| | | | | | | 12 | STN TR | | | | | | | | | | |
| | | | | | | K15 | PEHNA | | | | | | | | | | |
| | | | | | | K17 | NTRO A2 | | | | | | | | | | |
| | | | | | | | MULTI RMU NO.1 | | | | | | | | | | |
| | | | | | | | ACTT | | | | | | | | | | |
| | | | | | | | STN TR | | | | | | | | | | |
| | | | | | | | RMU NO.3 | | | | | | | | | | |

Handwritten signature
17/9/22
COCHIN PORT TRUST

Handwritten signature
18/3