

| List of Forms | | |
|---------------|--------------|---|
| Ref | Form | Description |
| 1 | Form 5(i) | Voltage Fluctuation |
| 2 | Form 5(ii) | Frequency excursion |
| 3 | Form 5(iii) | Abstract of Outages due to tripping of HT Feeders |
| 4 | Form 5(iv) | Failure of Transformers |
| 5 | Form 5(v) | Major System Disturbance (Grid Disturbance) |
| 6 | Form 5(vi) | Electrical Accidents |
| 7 | Form 5(vii) | Release of Customer Bills |
| 8 | Form 5(viii) | Release of Service Connections |
| 9 | Form 5(ix) | Status of Metering |
| 10 | Form 5(x) | Status of Demand |



Form 5 (j): VOLTAGE FLUCTUATION

Current Year:

FY 2022-23

| Period | First six months of Previous Year (FY2021-22) Percentage of time when Voltage was: | Last six months of Previous Year (FY2021-22) Percentage of time when Voltage was: | First six month of Current Year (FY2022-23) Percentage of time when Voltage was: | Corrective Measures Proposed |
|--|---|--|---|---------------------------------|
| At 33kV side of Transformer (take off point of 33kV bus) At EHT Bus | Below (9%) | Below (9%) | Below (9%) | Above |
| | Not happened | Not happened | Not happened | (6%) |
| | Below 12.5% | Below 12.5% | Below 12.5% | Not happened |
| | Not happened | Not happened | Not happened | Above 10% |



Form 5 (ii): FREQUENCY EXCURSION

Current Year:

FY2022-23

| Period | First six months of Previous Year (FY2021-22) Percentage of time when System Frequency was | | Last six months of Previous Year (FY2021-22) Percentage of time when System Frequency was | | First six month of Current Year (FY2022-23) Percentage of time when System Frequency was | | Corrective measures proposed to maintain system frequency within limits |
|--------|---|----------------|--|----------------|---|----------------|---|
| | Below 48.5 C/S | Above 51.5 C/S | Below 48.5 C/S | Above 51.5 C/S | Below 48.5 C/S | Above 51.5 C/S | |
| | | | | | | | |
| | Not happened | Not happened | Not happened | Not happened | Not happened | Not happened | |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |



Form 5 (iii): ABSTRACT OF OUTAGES OF HT FEEDERS

Current Year:
 Name of Sub-station:

| System | First six months of Previous Year (FY2021-22) | | | Last six months of Previous Year (FY2021-22) | | | First six months of Current Year (FY2022-23) | | | Remedial Measures |
|----------------------------------|---|-----------------------------|---|--|-----------------------------|---|--|-----------------------------|---|-------------------|
| | No. of outages | Duration of outages (Hours) | Average Interruption per Feeder (Hours) | No. of outages | Duration of outages (Hours) | Average Interruption per Feeder (Hours) | No. of outages | Duration of outages (Hours) | Average Interruption per Feeder (Hours) | |
| a. All 33KV outgoing feeders | 116 | 205 | 10 | 99 | 136 | 9 | 129 | 173 | 8 | |
| b. All 6KV/11KV outgoing feeders | 936 | 1422 | 17 | 664 | 729 | 9 | 1034 | 1425 | 16 | |
| c. Power Transformer | - | - | - | - | - | - | - | - | - | |
| i) High voltage side | 8 | 793 | | 16 | 321 | | 11 | 141 | | |
| ii) Low voltage side | | | | | | | | | | |

Note: Individual transformers will not be considered as sub-stations

Applicant



Form 5 (iv): FAILURE OF TRANSFORMERS (NOS)

Annex 5

Current Year:

FY 2022-23

| SL. No. | PERIOD ITEMS | First six months of Previous Year (FY2021-22) | | Last six months of Previous Year (FY2021-22) | | First six month of Current Year (FY2022-23) | | | | |
|---------|---------------------------|---|---------------------|--|----------------|---|-----------|----------------|---------------------|-----------|
| | | No of Failures | Total No. Installed | % Failure | No of Failures | Total No. Installed | % Failure | No of Failures | Total No. Installed | % Failure |
| 1 | EHT Transformers | | | | | | | | | |
| | i) AUTO | NA | NA | 0.00% | NA | 0.00% | NA | NA | NA | 0.00% |
| | ii) POWER | Nil | Nil | 0.00% | Nil | 0.00% | Nil | Nil | Nil | 0.00% |
| 2 | Power Transformers (HT) | Nil | Nil | 0.00% | Nil | 0.00% | Nil | Nil | Nil | 0.00% |
| 3 | Distribution Transformers | 6 | 34 | 1.34% | Nil | 0.00% | 4 | 17 | 0.81% | |



Form 5 (v): MAJOR SYSTEM DISTURBANCE (GRID DISTURBANCE)

Current Year: FY 2022-23

| Sl. No. | Period | First six months of Previous Year (FY2021-22) | Last six months of Previous Year (FY2021-22) | First six month of Current Year (FY2022-23) |
|---------|---|---|--|---|
| 1. | No. of occurrences | Nil | 3 | Nil |
| 2. | Total duration of Interruption | Nil | 51 Min | Nil |
| 3. | Estimated unserved energy(MU) due to such interruptions Example Load Prior to the disturbance x No. of Hours of Interruptions | Nil | 0.06 MU | Nil |
| 4. | No. of occasions when system was isolated from the Region Grid due to system disturbance affecting power supply in the system | Nil | Nil | Nil |
| 5. | No. of occasions when system remained stable after being isolated from Grid due to system disturbance | Nil | Nil | Nil |
| 6. | Remedial Measures to prevent Grid system disturbance | | | |



Form 5 (vi): ELECTRICAL ACCIDENTS

Current Year: FY 2022-23

| PERIOD Items | First six months of Previous Year (FY2021-22) | | | | Last six months of Previous Year (FY2021-22) | | | | First six months of Current Year (FY2022-23) | | | | Corrective Measures Proposed to avoid accidents | |
|-----------------|---|-------------|------------------|-------------|--|-------------|------------------|-------------|--|-------------|------------------|--------|---|---|
| | No. of Accidents | | No. of Accidents | | No. of Accidents | | No. of Accidents | | No. of Accidents | | No. of Accidents | | | |
| | FATAL | NON - FATAL | FATAL | NON - FATAL | FATAL | NON - FATAL | FATAL | NON - FATAL | FATAL | NON - FATAL | Human | Animal | | |
| (a) EHT | Nil | Nil | Nil | Nil | Nil | Nil | Nil | Nil | Nil | Nil | Nil | Nil | Nil | |
| (b) HV/LV | Nil | Nil | Nil | Nil | Nil | Nil | 2 | Nil | Nil | Nil | Nil | Nil | Nil | 1. For any maintenance job done in a double bus indoor switchboard both the bus will be under shutdown. |



5 (vii): RELEASE OF CUSTOMER BILLS

Annex 5

Current Year: **FY2022-23**

| Period | First six months of Previous Year (FY2021-22) | | Last six months of Previous Year (FY2021-22) | | No. of customer bills served within 30 days of billing period | No. of customer bills served after 30 days of billing period | First six month of Current Year (FY2022-23) | | Actions proposed to be taken for prompt release of customer bills |
|--------|---|--|---|--|---|--|---|--|---|
| | No. of customer bills served within 30 days of billing period | No. of customer bills served after 30 days of billing period | No. of customer bills served within 30 days of billing period | No. of customer bills served after 30 days of billing period | | | No. of customer bills served within 30 days of billing period | No. of customer bills served after 30 days of billing period | |
| 1 | 1677 | Nil | 1893 | Nil | 2066 | Nil | Nil | Nil | |
| 2 | 1690 | Nil | 1912 | Nil | 2085 | Nil | Nil | Nil | |
| 3 | 1711 | Nil | 1944 | Nil | 2098 | Nil | Nil | Nil | |
| 4 | 1751 | Nil | 1957 | Nil | 2119 | Nil | Nil | Nil | |
| 5 | 1800 | Nil | 1989 | Nil | 2142 | Nil | Nil | Nil | |
| 6 | 1841 | Nil | 2010 | Nil | 2169 | Nil | Nil | Nil | |



Form 5 (viii): RELEASE OF SERVICE CONNECTION

Current Year: FY2022-23

| Period | Category | First six months of Previous Year (FY2021-22) | | Last six months of Previous Year (FY2021-22) | | First six month of Current Year FY2022-23 | | Actions proposed to be taken for providing service connection in time |
|--------|----------|--|---|--|---|--|---|---|
| | | No. of service connections provided within 30 days of valid requisition for power supply | No. of service connections provided after 30 days of valid requisition for power supply | No. of service connections provided within 30 days of valid requisition for power supply | No. of service connections provided after 30 days of valid requisition for power supply | No. of service connections provided within 30 days of valid requisition for power supply | No. of service connections provided after 30 days of valid requisition for power supply | |
| 1 | C(H) | 0 | 0 | 2 | 0 | 0 | 0 | |
| 2 | CL(IA) | 72 | 0 | 55 | 0 | 62 | 0 | |
| 3 | CL(IB) | 5 | 0 | 5 | 0 | 6 | 0 | |
| 4 | CLP(IA) | 25 | 0 | 59 | 0 | 41 | 0 | |
| 5 | CLP(IB) | 0 | 0 | 0 | 0 | 0 | 0 | |
| 6 | D(H) | 1 | 0 | 0 | 0 | 0 | 0 | |
| 7 | D(6) | 0 | 0 | 0 | 0 | 0 | 0 | |
| 8 | D(L) | 92 | 0 | 89 | 0 | 85 | 0 | |
| 9 | D(LPP) | 706 | 0 | 414 | 0 | 370 | 0 | |
| 10 | E(CON) | 0 | 0 | 0 | 0 | 0 | 0 | |
| 11 | I(H) | 0 | 0 | 2 | 0 | 1 | 0 | |
| 12 | I(L) | 15 | 0 | 18 | 0 | 8 | 0 | |
| 13 | I-2(H) | 1 | 0 | 0 | 0 | 1 | 0 | |
| 14 | I-3(H) | 0 | 0 | 0 | 0 | 0 | 0 | |
| 15 | I-4(H) | 0 | 0 | 0 | 0 | 1 | 0 | |
| 16 | PWW(H) | 0 | 0 | 0 | 0 | 0 | 0 | |
| 17 | S(L) | 0 | 0 | 3 | 0 | 0 | 0 | |



Form 5 (ix): STATUS OF METERING

Current Year: **FY 2022-23**

Annex 5

| Sl. No. | Category | Domestic | | Commercial | | Industrial | | Public Lighting | | Public Waterworks (small/medium) | | Other categories as may be appropriate | | Utility Service | | Commercial | | Domestic | | Traction | | Industrial | | Other Categories as may be appropriate | | Total |
|---------|---|----------|----|------------|----|------------|----|-----------------|----|----------------------------------|----|--|----|-----------------|----|------------|----|----------|----|----------|----|------------|----|--|----|-------|
| | | LT | HT | LT | HT | LT | HT | LT | HT | LT | HT | LT | HT | LT | HT | LT | HT | LT | HT | LT | HT | LT | HT | LT | HT | |
| 1 | No. of consumers at the end of pre-previous year | 4585 | | 901 | | 136 | | 21 | | 1 | | 0 | | 20 | | 68 | | 10 | | 1 | | 378 | | 0 | | 6121 |
| 2 | No. of consumers with defective meters/ unmetered consumers | 0 | | 0 | | 0 | | 0 | | 0 | | 0 | | 0 | | 0 | | 0 | | 0 | | 0 | | 0 | | 0 |
| 3 | Percentage of defective meters/ unmetered consumers | 0.00% | | 0.00% | | 0.00% | | 0.00% | | 0.00% | | 0.00% | | 0.00% | | 0.00% | | 0.00% | | 0.00% | | 0.00% | | 0.00% | | 0.00% |
| 4 | No. of consumers at the end of previous year | 5887 | | 1113 | | 172 | | 21 | | 1 | | 0 | | 20 | | 67 | | 10 | | 1 | | 372 | | 0 | | 7664 |
| 5 | No. of consumers with defective meters/ unmetered consumers | 0 | | 0 | | 0 | | 0 | | 0 | | 0 | | 0 | | 0 | | 0 | | 0 | | 0 | | 0 | | 0 |
| 6 | Percentage of defective meters/ unmetered consumers | 0.00% | | 0.00% | | 0.00% | | 0.00% | | 0.00% | | 0.00% | | 0.00% | | 0.00% | | 0.00% | | 0.00% | | 0.00% | | 0.00% | | 0.00% |
| 7 | Percentage change from pre-previous year (+/-) | 0.00% | | 0.00% | | 0.00% | | 0.00% | | 0.00% | | 0.00% | | 0.00% | | 0.00% | | 0.00% | | 0.00% | | 0.00% | | 0.00% | | 0.00% |
| 8 | No. of consumers as at the end of current year | 7983 | | 1466 | | 233 | | 29 | | 0 | | 42 | | 22 | | 70 | | 10 | | 1 | | 392 | | 11 | | 10259 |
| 9 | No. of consumers with defective meters/ unmetered consumers | 0 | | 0 | | 0 | | 0 | | 0 | | 0 | | 0 | | 0 | | 0 | | 0 | | 0 | | 0 | | 0 |
| 10 | Percentage of defective meters/ unmetered consumers | 0.00% | | 0.00% | | 0.00% | | 0.00% | | 0.00% | | 0.00% | | 0.00% | | 0.00% | | 0.00% | | 0.00% | | 0.00% | | 0.00% | | 0.00% |
| 11 | Percentage change from previous year (+/-) | 0.00% | | 0.00% | | 0.00% | | 0.00% | | 0.00% | | 0.00% | | 0.00% | | 0.00% | | 0.00% | | 0.00% | | 0.00% | | 0.00% | | 0.00% |
| 12 | Target for ensuing year Percentage of defective meters/ unmetered consumers | 0 | | 0 | | 0 | | 0 | | 0 | | 0 | | 0 | | 0 | | 0 | | 0 | | 0 | | 0 | | 0 |
| 13 | Target for ensuing year Percentage change from current year (+/-) | 0.00 | | 0.00 | | 0.00 | | 0.00 | | 0.00 | | 0.00 | | 0.00 | | 0.00 | | 0.00 | | 0.00 | | 0.00 | | 0.00 | | 0.00 |



Form 5 (x): Status of Demand

| Sl. No | Month -Year | Average of Daily Peak Demand (inclusive of load shedding) | Average of Daily Peak Demand met | Shortfall | Reasons |
|--------|-------------|--|----------------------------------|-----------|---------|
| | | MW | MW | MW | |
| | | (1) | (2) | (1) - (2) | |
| 1 | Apr-21 | 170 | 170 | 0.00 | |
| 2 | May-21 | 165 | 165 | 0.00 | |
| 3 | Jun-21 | 160 | 160 | 0.00 | |
| 4 | Jul-21 | 180 | 180 | 0.00 | |
| 5 | Aug-21 | 180 | 180 | 0.00 | |
| 6 | Sep-21 | 170 | 170 | 0.00 | |
| 7 | Oct-21 | 193 | 193 | 0.00 | |
| 8 | Nov-21 | 152 | 152 | 0.00 | |
| 9 | Dec-21 | 185 | 185 | 0.00 | |
| 10 | Jan-22 | 183 | 183 | 0.00 | |
| 11 | Feb-22 | 185 | 185 | 0.00 | |
| 12 | Mar-22 | 196 | 196 | 0.00 | |
| 13 | Apr-22 | 148 | 148 | 0.00 | |
| 14 | May-22 | 150 | 150 | 0.00 | |
| 15 | Jun-22 | 149 | 149 | 0.00 | |
| 16 | Jul-22 | 148 | 148 | 0.00 | |
| 17 | Aug-22 | 146 | 146 | 0.00 | |
| 18 | Sep-22 | 140 | 140 | 0.00 | |
| 19 | Oct-22 | 135 | 135 | 0.00 | |
| 20 | Nov-22 | 130 | 130 | 0.00 | |
| 21 | Dec-22 | 132 | 132 | 0.00 | |
| 22 | Jan-23 | 200 | 200 | 0.00 | |
| 23 | Feb-23 | 172 | 172 | 0.00 | |
| 24 | Mar-23 | 180 | 180 | 0.00 | |
| 25 | Apr-23 | 212 | 212 | 0.00 | |
| 26 | May-23 | 160 | 160 | 0.00 | |
| 27 | Jun-23 | 163 | 163 | 0.00 | |
| 28 | Jul-23 | 161 | 161 | 0.00 | |
| 29 | Aug-23 | 160 | 160 | 0.00 | |
| 30 | Sep-23 | 158 | 158 | 0.00 | |
| 31 | Oct-23 | 152 | 152 | 0.00 | |
| 32 | Nov-23 | 146 | 146 | 0.00 | |
| 33 | Dec-23 | 141 | 141 | 0.00 | |
| 34 | Jan-24 | 143 | 143 | 0.00 | |
| 35 | Feb-24 | 217 | 217 | 0.00 | |
| 36 | Mar-24 | 186 | 186 | 0.00 | |
| 37 | Apr-24 | 170 | 170 | 0.00 | |
| 38 | May-24 | 172 | 172 | 0.00 | |
| 39 | Jun-24 | 171 | 171 | 0.00 | |
| 40 | Jul-24 | 170 | 170 | 0.00 | |
| 41 | Aug-24 | 167 | 167 | 0.00 | |
| 42 | Sep-24 | 160 | 160 | 0.00 | |
| 43 | Oct-24 | 162 | 162 | 0.00 | |
| 44 | Nov-24 | 153 | 153 | 0.00 | |
| 45 | Dec-24 | 151 | 151 | 0.00 | |
| 46 | Jan-25 | 229 | 229 | 0.00 | |
| 47 | Feb-25 | 197 | 197 | 0.00 | |
| 48 | Mar-25 | 229 | 229 | 0.00 | |
| 49 | Apr-25 | 182 | 182 | 0.00 | |
| 50 | May-25 | 184 | 184 | 0.00 | |
| 51 | Jun-25 | 183 | 183 | 0.00 | |
| 52 | Jul-25 | 182 | 182 | 0.00 | |
| 53 | Aug-25 | 179 | 179 | 0.00 | |
| 54 | Sep-25 | 172 | 172 | 0.00 | |
| 55 | Oct-25 | 166 | 166 | 0.00 | |
| 56 | Nov-25 | 159 | 159 | 0.00 | |
| 57 | Dec-25 | 162 | 162 | 0.00 | |
| 58 | Jan-26 | 245 | 245 | 0.00 | |
| 59 | Feb-26 | 211 | 211 | 0.00 | |
| 60 | Mar-26 | 245 | 245 | 0.00 | |

