# CHAPTER – 1

# BESCOM IN BRIEF

|  |  |
| --- | --- |
| C:\Users\acer\Desktop\Final Bescom Map.jpg | BESCOM has been licensed to distribute electric power in eight districts of Karnataka namely, Bangalore Urban & Bangalore Rural, Ramanagara, Kolar, Chikkaballapura, Tumkur, Chitradurga, and Davangere covering an area of 41,092 Sq. kms. The total number of consumers as at the end of March 2020 is over 123.65 lakhs |

**Table: 1.1**

|  |  |  |  |
| --- | --- | --- | --- |
| **Sl. No** | **Particulars** | | **Statistics** |
| **Position as on 31-03-2020** | | | |
| **1** | Area | Sq.km. | 41092 |
| **2** | Districts | Nos. | 8 |
| **3** | Population | lakhs | 207 |
| **4** | Zone | Nos. | 4 |
| **5** | DTCs | Nos. | 381103 |
| **6** | HT lines | ckt. kms. | 114640.24 |
| **7** | LT lines | ckt. kms | 174580.60 |
| **Total employees strength** | | | |
| **A** | Sanctioned |  | 24756 |
| **B** | Working |  | 15440 |
| **9** | Demand (FY-20) (excld. Other income) | Rs. in Crs | 21170.69 |
| **10** | Collection (FY-20) (excld. Other income) | Rs. in Crs | 20525.10 |
| **11** | Total Assets | Rs. in Crs | 25419.31 |

# BESCOM AT A GLANCE:

**Number of Consumers:**

**Table: 1.2**

**As on 31.03.2020**

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Tariff** | **LT1** | **LT2** | **LT3** | **LT4** | **LT5** | **LT6** | **LT7** | **HT** | **Total** |
| **CONSUMERS** | 844227 | 8285969 | 1143767 | 935919 | 218866 | 152225 | 766515 | 17925 | **12365413** |
| **PERCENT** | 6.83% | 67.01% | 9.25% | 7.57% | 1.77% | 1.23% | 6.20% | 0.14% | 100.00% |

**ENERGY Consumption for FY-20:**

**Table: 1.3 As on 31.03.2020**

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **TARIFF** | **LT1** | **LT2** | **LT3** | **LT4** | **LT5** | **LT6** | **LT7** | **HT** | **Total** |
| **CONSUMPTION** | 224.43 | 7342.39 | 2240.82 | 6923.38 | 1217.67 | 1842.02 | 205.45 | 7838.44 | 27834.60 |
| **PERCENT** | 0.81% | 26.38% | 8.05% | 24.87% | 4.37% | 6.62% | 0.74% | 28.16% | 100.00% |

**Increase in Energy Consumption from FY-19 to FY-20: Table 1.4 In MU**

|  |  |  |  |
| --- | --- | --- | --- |
| **Tariff Category** | **FY-19** | **FY-20** | **Increase from FY-19 to FY-20** |
| LT Domestic | 7187.67 | 7566.82 | 379.15 |
| LT Commercial | 2083.65 | 2240.82 | 157.17 |
| LT Agriculture | 7208.92 | 6923.38 | -285.54 |
| LT Others | 1828.60 | 2047.47 | 218.87 |
| LT Industrial | 1243.08 | 1217.67 | -25.41 |
| HT Industrial | 4512.96 | 4173.06 | -339.90 |
| HT Commercial | 2769.86 | 2677.14 | -92.72 |
| HT Others | 927.74 | 988.24 | 60.50 |
| **Total** | **27762.47** | **27834.60** | **72.13** |

**Comparison of Revenue Demand:**

**Table 1.5 In Crs.**

|  |  |  |  |
| --- | --- | --- | --- |
| **Tariff Category** | **FY18** | **FY19** | **FY20** |
| LT Domestic | 3987.32 | 4538.30 | 5148.33 |
| LT Commercial | 1850.63 | 2011.26 | 2238.84 |
| LT Agriculture | 2105.63 | 2635.96 | 2690.97 |
| LT Others | 979.87 | 1166.97 | 1509.80 |
| LT Industrial | 861.31 | 950.21 | 989.53 |
| HT Industrial | 3997.83 | 3790.93 | 3705.74 |
| HT Commercial | 2984.09 | 2951.74 | 3086.74 |
| HT Others | 526.18 | 577.32 | 639.98 |
| **Total** | **17292.86** | **18622.69** | **20009.93** |

**Average Power Purchase Cost – Actual/Approved (Rs./unit):**

**Table 1.6**

|  |  |  |  |
| --- | --- | --- | --- |
| **Year** | **Actual** | **Appd.** | **Diff.** |
| **FY-13** | 3.87 | 3.61 | 0.27 |
| **FY-14** | 3.83 | 3.62 | 0.21 |
| **FY-15** | 4.05 | 3.90 | 0.15 |
| **FY-16** | 4.32 | 3.89 | 0.43 |
| **FY-17** | 4.35 | 4.11 | 0.24 |
| **FY-18** | 4.84 | 4.41 | 0.43 |
| **FY-19** | 5.68 | 4.81 | **0.87** |
| **FY-20** | 5.91 | 5.39 | **0.52** |
| **FY-21(Projected)** | 5.82 | 5.30 | **0.52** |

**Year-wise BESCOM Consumer participation in Wheeling and Open access:**

**Table 1.7**

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Year** | **Captive** | | **Wheeling (Non-captive)** | | **OPEN ACCESSS** | | **Total** | |
| **No of consumer** | **Consumption in mu** | **No of consumer** | **Consumption in mu** | **No of consumer** | **Consumption in mu** | **No of consumer** | **Consumption in mu** |
| FY-15 | 98 | 64.79 | 284 | 22.06 | 42 | 174.65 | 424 | 261.50 |
| FY-16 | 140 | 63.06 | 336 | 1264.29 | 72 | 478.73 | 548 | 1806.08 |
| FY-17 | 231 | 441.19 | 322 | 1373.56 | 149 | 1189.72 | 702 | 3004.47 |
| FY-18 | 231 | 1020.97 | 400 | 1294.73 | 163 | 1238.33 | 794 | 3554.03 |
| FY-19 | 182 | 1040.23 | 444 | 2752.22 | 96 | 468.35 | 722 | 4260.80 |
| FY-20 | 202 | 1157.22 | 448 | 3068.23 | 46 | 378.83 | 696 | 4604.28 |

**HT Sales Vs Open Access Sales:**

**Table 1.8**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Year** | **Open Access** | | **HT sales** | |
| **No of consumer** | **Consumption in mu** | **No of consumer** | **Consumption in mu** |
| FY-15 | 326 | 196.71 | 11416 | 8830.68 |
| FY-16 | 408 | 1743.02 | 13635 | 8341.31 |
| FY-17 | 471 | 2563.28 | 13841 | 8231.38 |
| FY-18 | 563 | 2533.06 | 14920 | 8204.96 |
| FY-19 | 540 | 3220.57 | 16336 | 8210.56 |
| FY-20 | 494 | 3447.06 | 17925 | 7838.44 |