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SECTION RANKING - APCPDCL

NOVEMBER-2024



RANKING – OVERVIEW & METHODOLOGY

- APCPDCL has 253 sections, which are further bifurcated into Urban and Rural, based on the location and population intensity.

| Segment | No of sections |
|---------|----------------|
| Urban | 74 |
| Rural | 179 |

- A total of **seven parameters** are monitored in each section, with each parameter being scaled to a maximum of 10 based on the section's performance.
- To determine the overall section performance, the following weightages are assigned to these six parameters for evaluation.

| Sr No | PARAMETER | UNITS | WEIGHTAGE |
|-------|---|-------|-----------|
| 1 | AT&C Losses | % | 25% |
| 2 | Billing efficiency | % | 20% |
| 3 | LT- Collection efficiency | % | 20% |
| 4 | HT- Collection efficiency | % | 10% |
| 5 | System Average interruption duration index (SAIDI) | Hrs | 10% |
| 6 | System Average interruption frequency index (SAIFI) | Nos. | 10% |
| 7 | Consumer complaints – beyond response time | % | 5% |

- In cases where either the LT or HT collection efficiency is zero, the other efficiency is treated as a cumulative 30%



TOP 5 PERFORMING - URBAN SECTIONS

TOP - 5 Performing sections (out of 74 sections)

| Rank | Section Name | AT&C Losses (%) | Billing efficiency (%) | LT-Collection efficiency (%) | HT-Collection efficiency (%) | SAIDI (HH:MM) | SAIFI (Nos) | Consumer complaints - BRT (%) | Total score (Out of 10) |
|------|--------------|-----------------|------------------------|------------------------------|------------------------------|---------------|-------------|-------------------------------|-------------------------|
| 1 | D4 ONGOLE | 4.07 | 95.20 | 100.50 | 101.9 | 0.34 | 2.21 | 1.22 | 9.78 |
| 2 | R.R.NAGAR | -3.89 | 95.58 | 107.08 | 121.2 | 0.18 | 0.83 | 38.07 | 9.77 |
| 3 | D12-GUNTUR | 4.09 | 93.92 | 100.77 | 107.3 | 2.00 | 2.35 | 2.03 | 9.74 |
| 4 | KOTHAPET | 9.51 | 93.36 | 96.68 | 100.4 | 0.00 | 0.00 | 13.43 | 9.69 |
| 5 | KANURU | 6.79 | 93.23 | 99.90 | 100.2 | 2.00 | 1.72 | 22.81 | 9.68 |



BOTTOM 5 PERFORMING - URBAN SECTIONS

BOTTOM - 5 Performing sections (out of 74 sections)

| Rank | Section Name | AT&C Losses (%) | Billing efficiency (%) | LT- Collection efficiency (%) | HT- Collection efficiency (%) | SAIDI (HH:MM) | SAIFI (Nos) | Consumer complaints - BRT (%) | Total score (Out of 10) |
|------|--------------|-----------------|------------------------|-------------------------------|-------------------------------|---------------|-------------|-------------------------------|-------------------------|
| 70 | ADDANKI TOWN | 22.25 | 96.56 | 87.14 | 71.5 | 3.52 | 10.98 | 12.50 | 8.64 |
| 71 | D2 MTM NORTH | 21.62 | 91.53 | 95.18 | 50.7 | 0.12 | 0.78 | 55.09 | 8.60 |
| 72 | D2-NRT | 8.35 | 94.34 | 97.04 | 97.6 | 13.13 | 22.58 | 29.90 | 8.49 |
| 73 | MADHURANAGAR | 10.58 | 93.00 | 97.21 | 0.0 | 0.44 | 1.32 | 41.67 | 8.41 |
| 74 | KGMARKET | 39.98 | 93.48 | 98.23 | 7.5 | 1.03 | 0.77 | 24.46 | 7.89 |



TOP 5 PERFORMING- RURAL SECTIONS

TOP - 5 Performing sections (out of 179)

| Rank | Section Name | AT&C Losses (%) | Billing efficiency (%) | LT-Collection efficiency (%) | HT-Collection efficiency (%) | SAIDI (HH:MM) | SAIFI (Nos) | Consumer complaints - BRT (%) | Total score (Out of 10) |
|------|-------------------|-----------------|------------------------|------------------------------|------------------------------|---------------|-------------|-------------------------------|-------------------------|
| 1 | MANGALAGIRI-RURAL | 2.64 | 92.00 | 92.81 | 114.5 | 1.16 | 3.52 | 18.71 | 9.61 |
| 2 | VETAPALEM RURALS | 5.08 | 91.61 | 97.57 | 116.0 | 3.57 | 6.26 | 12.21 | 9.49 |
| 3 | LAXMIPURAM | 7.07 | 89.87 | 99.31 | 116.1 | 2.34 | 4.62 | 21.74 | 9.43 |
| 4 | TADIKONDA | 13.14 | 91.71 | 91.09 | 104.5 | 2.29 | 1.69 | 3.64 | 9.42 |
| 5 | CHERUKUPALLI | 7.04 | 93.31 | 96.12 | 101.8 | 7.27 | 6.80 | 14.07 | 9.39 |



BOTTOM 5 PERFORMING - RURAL SECTIONS

BOTTOM - 5 Performing sections (out of 179)

| Rank | Section Name | AT&C Losses (%) | Billing efficiency (%) | LT-Collection efficiency (%) | HT-Collection efficiency (%) | SAIDI (HH:MM) | SAIFI (Nos) | Consumer complaints - BRT (%) | Total score (Out of 10) |
|------|----------------|-----------------|------------------------|------------------------------|------------------------------|---------------|-------------|-------------------------------|-------------------------|
| 175 | P.DORNAL | 74.63 | 89.73 | 68.54 | 0.0 | 6.24 | 15.07 | 38.84 | 5.78 |
| 176 | CHANDARLAPADU | 67.78 | 91.78 | 71.59 | 10.8 | 13.37 | 18.07 | 20.91 | 5.78 |
| 177 | MACHARAL-RURAL | 76.30 | 88.91 | 53.56 | 16.8 | 6.18 | 13.16 | 23.68 | 5.58 |
| 178 | ATCHEMPETA | 58.46 | 88.19 | 75.29 | 0.0 | 26.16 | 26.90 | 15.85 | 5.35 |
| 179 | RE MIDICHERLA | 56.63 | 90.62 | 47.86 | NA | 21.47 | 34.85 | 19.08 | 5.25 |



Thank You

