



PJM NERC Data Requests

March 16, 2026

Reliability & Standards Compliance
Subcommittee

EOP-011 R1.2.5 and R2.2.9 and PRC-006 R6 and R8, PRC-006-SERC-3

Applicable to Entities listed in:

- [Manual 13](#) Emergency Operations: Attachment E Manual Load Dump Allocation Tables
- [Manual 13](#) Emergency Operations: Attachment F Manual Load Dump Capability
- [Manual 36](#) System Restoration: Attachment H Underfrequency Load Shed (UFLS) Tables

Attachment E: Manual Load Dump Allocation Tables

| Winter/Summer Required Manual Load Dump PJM Mid-Atlantic Region | | | | | | | | | | | | | | | | |
|---|--------|--------|----------|-------|--------|---------|------------|-------|-------|----------|----------|-------|-------|-------|--------|----------|
| MW | PS | PE | PPL Zone | | BC | FE-East | PEPCO ZONE | | AE | | DPL Zone | | | | | Rockland |
| | | | PPL | UGI | | | PEPCO | SMECO | AECO | Vineland | DPL | ODEC | DEMEC | Dover | Easton | |
| % | 17.61% | 14.74% | 12.54% | 0.34% | 11.45% | 20.93% | 9.08% | 1.46% | 4.04% | 0.27% | 4.57% | 1.42% | 0.47% | 0.27% | 0.09% | 0.71% |
| 500 | 88 | 74 | 63 | 2 | 57 | 105 | 45 | 7 | 20 | 1 | 23 | 7 | 2 | 1 | 0 | 4 |
| 1000 | 176 | 147 | 125 | 3 | 115 | 209 | 91 | 15 | 40 | 3 | 46 | 14 | 5 | 3 | 1 | 7 |
| 1500 | 264 | 221 | 188 | 5 | 172 | 314 | 136 | 22 | 61 | 4 | 69 | 21 | 7 | 4 | 1 | 11 |
| 2000 | 352 | 295 | 251 | 7 | 229 | 419 | 182 | 29 | 81 | 5 | 91 | 28 | 9 | 5 | 2 | 14 |
| 3000 | 528 | 442 | 376 | 10 | 344 | 628 | 272 | 44 | 121 | 8 | 137 | 43 | 14 | 8 | 3 | 21 |
| 4000 | 704 | 590 | 502 | 14 | 458 | 837 | 363 | 59 | 161 | 11 | 183 | 57 | 19 | 11 | 4 | 28 |
| 5000 | 880 | 737 | 627 | 17 | 573 | 1046 | 454 | 73 | 202 | 13 | 228 | 71 | 24 | 14 | 5 | 35 |

Manual Load Dump Allocation - PJM Mid-Atlantic Region

When issuing a manual Load Dump via All Call, the PJM Dispatcher will include the following information in the message:

- ✔ (1) Area (PJM Mid-Atlantic Region, Eastern Portion of PJM Mid-Atlantic Region, or a zone / company)
- ✔ (2) Total megawatts (refer to appropriate tables for allocation)
- ✔ (3) Allocation table to be used
- ✔ (4) Transmission Zone allocations will be handled separately based on PJM EMS capacity calculations

Allocation percentages are based on 2025 summer but applicable to both 2025 summer and 2025/2026 Winter Load conditions

Attachment F: PJM Manual Load Dump Capability

| PJM Manual Load Dump Capability | | | | | | | |
|---------------------------------|--|---|---------------------------------------|---|--|--|--|
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 |
| Transmission Owner | 2025 Summer System Peak Load Est. (MW) | Maximum Manual Load Shedding Capability based on System Peak Load Estimate (MW) | Load Shed Cap (%) (Percent = #2 ÷ #1) | Overlap of Load Shedding and Under frequency Loads (MW) | Overlap of Load Shedding and Under frequency Loads (%) (Percent = #4 ÷ #2) | Manual Load Shedding if Under frequency relays have operated (MW) (MW = #2 - #4) | Manual Load Shedding if Under frequency relays have operated (%) (Percent = #6 ÷ #1) |
| DPL | 2,761 | 831 | 30.10% | 233 | 28.04% | 598 | 21.66% |
| DPL - Dover | 149 | 65 | 43.28% | 40 | 62.02% | 25 | 16.43% |
| DPL - DEMEC | 259 | 0 | 0.00% | 0 | - | 0 | 0.00% |
| DPL - Easton | 52 | 18 | 34.62% | 3 | 16.67% | 15 | 28.85% |
| DPL - ODEC | 784 | 0 | 0.00% | 0 | - | 0 | 0.00% |
| AE | 2,437 | 789 | 32.37% | 135 | 17.11% | 654 | 26.83% |
| AE - Vineland | 147 | 75 | 50.98% | 47 | 63.04% | 28 | 18.84% |
| PS | 10,341 | 1320 | 12.76% | 4 | 0.33% | 1316 | 12.72% |
| RECO | 415 | 415 | 100.00% | 147 | 35.36% | 268 | 64.64% |



Manual 36 Table to be Updated

Attachment H: Under Frequency Load Shed (UFLS) Tables

| PJM Under Frequency Load Shedding (Hz) | | | | | | | | | | | | | | | | | | |
|--|---------|---------|---------|---------|---------|---------|---------|-------|--------------------|---------|---------|---------|---------|---------|---------|---------|--------|----------|
| UFLS Entity | 59.5 Hz | 59.3 Hz | 59.1 Hz | 59.0 Hz | 58.9 Hz | 58.7 Hz | 58.5 Hz | Total | 2025 Peak Forecast | 59.5 Hz | 59.3 Hz | 59.1 Hz | 59.0 Hz | 58.9 Hz | 58.7 Hz | 58.5 Hz | Total | Comments |
| AE * | | 260 | | | 268 | | 265 | 793 | 2,437 | | 10.67% | | | 11.00% | | 10.87% | 32.54% | |
| Vineland * | | 27 | | | 24 | | 21 | 72 | 147 | | 18.19% | | | 16.67% | | 14.16% | 49.02% | |
| BGE * | | 658 | | | 663 | | 659 | 1980 | 6,544 | | 10.06% | | | 10.13% | | 10.07% | 30.26% | |
| DPL * | | 282 | | | 304 | | 289 | 875 | 2,761 | | 10.21% | | | 11.01% | | 10.47% | 31.69% | |
| ODEC - DPL * | | 89 | | | 93 | | 89 | 271 | 784 | | 11.39% | | | 11.85% | | 11.29% | 34.54% | |
| DEMEC * | | 43 | | | 31 | | 34 | 108 | 259 | | 16.54% | | | 11.90% | | 13.20% | 41.64% | |
| Easton * | | 7 | | | 6 | | 5 | 18 | 52 | | 12.69% | | | 11.15% | | 10.38% | 34.23% | |
| Dover * | | 18 | | | 19 | | 26 | 63 | 149 | | 12.07% | | | 12.74% | | 17.44% | 42.25% | |
| FE East - JC * | | 714 | | | 695 | | 690 | 2099 | 6,096 | | 11.71% | | | 11.40% | | 11.32% | 34.43% | |
| FE East - ME * | | 399 | | | 361 | | 360 | 1120 | 3,115 | | 12.81% | | | 11.57% | | 11.57% | 35.95% | |
| FE East - PN * | | 366 | | | 300 | | 317 | 983 | 2,944 | | 12.43% | | | 10.19% | | 10.77% | 33.39% | |
| PECO * | | 887 | | | 888 | | 869 | 2644 | 8,606 | | 10.31% | | | 10.32% | | 10.10% | 30.72% | |
| PEPCO * | | 569 | | | 564 | | 563 | 1697 | 5,263 | | 10.81% | | | 10.72% | | 10.70% | 32.24% | |
| SMECO * | | 84 | | | 83 | | 99 | 266 | 806 | | 10.45% | | | 10.35% | | 12.22% | 33.02% | |
| PPL * | | 811 | | | 793 | | 824 | 2428 | 7,356 | | 11.03% | | | 10.77% | | 11.21% | 33.01% | |
| UGI * | | 23 | | | 25 | | 21 | 68 | 201 | | 11.59% | | | 12.19% | | 10.20% | 33.98% | |
| Public Service * | | 1129 | | | 1082 | | 1211 | 3421 | 10,341 | | 10.91% | | | 10.46% | | 11.71% | 33.08% | |
| RECO * | | 49 | | | 50 | | 48 | 147 | 415 | | 11.92% | | | 11.98% | | 11.46% | 35.36% | |
| Neptune* | | 66 | | | 66 | | 66 | 198 | 660 | | 10.00% | | | 10.00% | | 10.00% | 30.00% | |
| HTP* | | 66 | | | 66 | | 66 | 198 | 660 | | 10.00% | | | 10.00% | | 10.00% | 30.00% | |
| Com Ed * | | 2249 | | 2223 | | 2290 | | 6762 | 20,528 | | 10.96% | | 10.83% | | 11.16% | | 32.94% | |
| Dominion * | | 2024 | | 2118 | | | 2241 | 6383 | 19,495 | | 10.38% | | 10.86% | | | 11.49% | 32.74% | |
| NOVEC * | | 232 | | 241 | | | 226 | 698 | 2,066 | | 11.22% | | 11.64% | | | 10.95% | 33.81% | |
| ODEC - DVP * | | 158 | | 138 | | | 176 | 472 | 1,303 | | 12.13% | | 10.55% | | | 13.52% | 36.20% | |
| NCEMC - DVP * | | 29 | | 31 | | | 32 | 92 | 283 | | 10.13% | | 10.90% | | | 11.33% | 32.36% | |
| FE South** | 455 | 434 | 447 | | 482 | 447 | | 2266 | 8,073 | 5.63% | 5.38% | 5.54% | | 5.98% | 5.54% | | 28.07% | |
| ODEC - AP ** | 43 | 52 | 42 | | 45 | 48 | | 229 | 634 | 6.72% | 8.16% | 6.59% | | 7.07% | 7.62% | | 36.16% | |
| AEP ** | 1815 | 2049 | 1956 | | 2008 | 1956 | | 9784 | 23,592 | 7.69% | 8.69% | 8.29% | | 8.51% | 8.29% | | 41.47% | |
| Dayton ** | 198 | 207 | 215 | | 190 | 234 | | 1045 | 3,348 | 5.92% | 6.19% | 6.43% | | 5.68% | 6.99% | | 31.22% | |
| Duquesne ** | 138 | 159 | 140 | | 157 | 143 | | 736 | 2,703 | 5.09% | 5.88% | 5.19% | | 5.79% | 5.28% | | 27.24% | |
| FE West ** | 701 | 730 | 660 | | 685 | 667 | | 3444 | 11,792 | 5.95% | 6.19% | 5.60% | | 5.81% | 5.66% | | 29.21% | |
| DEOK ** | 447 | 475 | 387 | | 495 | 410 | 502 | 2716 | 5,370 | 8.32% | 8.85% | 7.21% | | 9.22% | 7.64% | 9.35% | 50.58% | |
| CPP ** | 14 | 15 | 14 | | 16 | 14 | | 73 | 279 | 5.02% | 5.37% | 5.02% | | 5.73% | 5.02% | | 26.16% | |
| EKPC** | 111 | 115 | 111 | | 108 | 106 | 109 | 661 | 2,117 | 5.24% | 5.45% | 5.23% | | 5.12% | 5.02% | 5.16% | 31.22% | |

PJM, as the Planning Coordinator is required to maintain its UFLS (Under Frequency Load Shed) and manual load shed databases **at least once each calendar year**, with no more than 15 months between maintenance activities.

Also per PRC-006-SERC, PJM expects Transmission Owners and Distribution Providers within the SERC region that are identified in *Manual 36 Attachment H* to maintain a time delay (from frequency reaching the set point to the trip signal) of **at least 6 cycles**. SERC requires Transmission Owners and Distribution Providers to maintain 30%.

The data request is based on the 2026 Summer Peak LAS Normal Load Forecasts.

PJM provides this standing update to the Reliability & Standards Compliance Subcommittee to provide guidance to Registered Entities regarding PJM-related data requests applicable to certain NERC Reliability Standards, and to provide a forum through which such Registered Entities can ask questions of PJM staff. This standing update is not intended to serve as complete or definitive guidance regarding how to comply with a PJM-related data request, how to otherwise comply with specific NERC Reliability Standards, or how to otherwise carry out the obligations of Registered Entities.

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