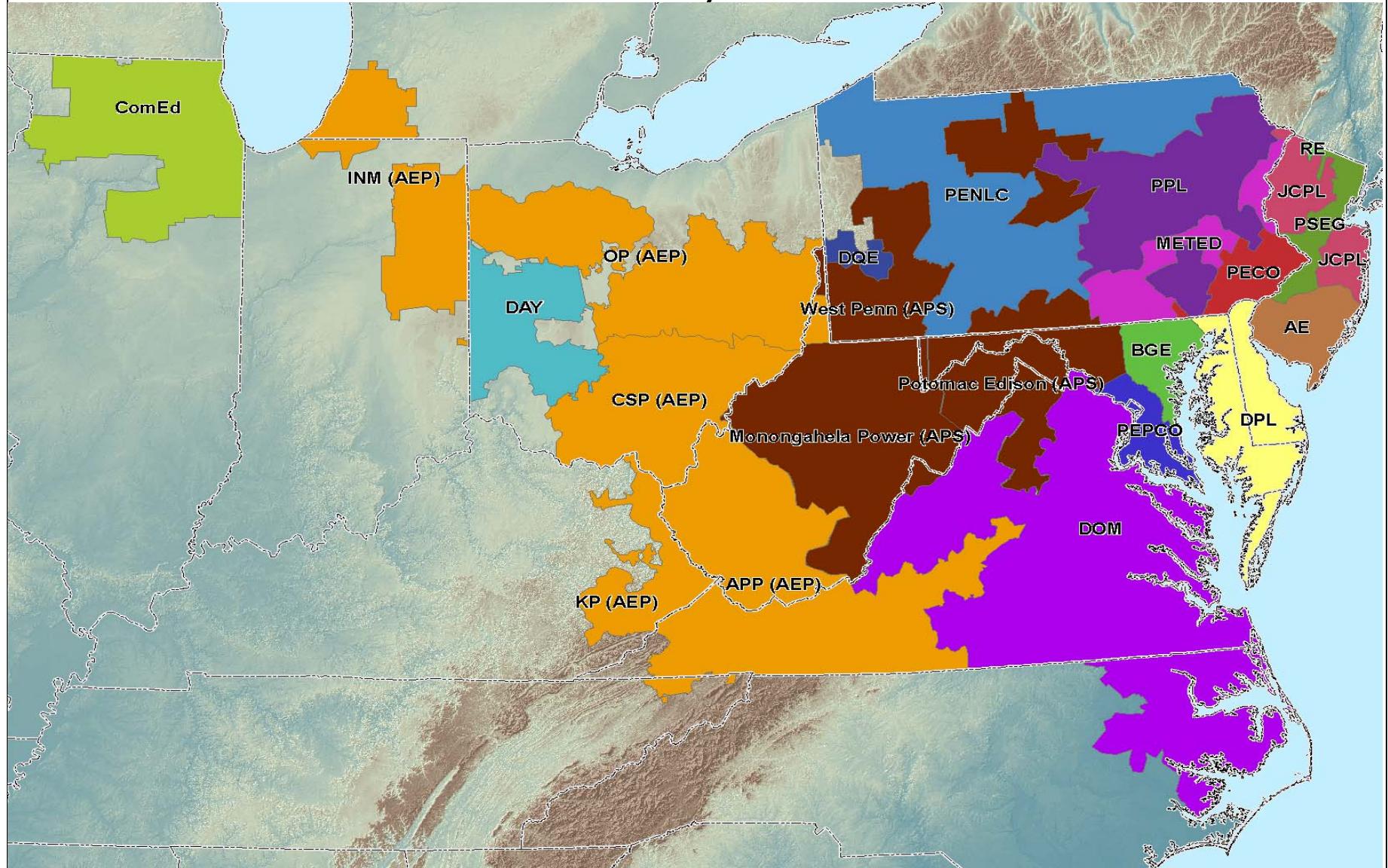


PJM Load Forecast Report

January 2007



Prepared by PJM Capacity Adequacy Planning Department

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TERMS AND ABBREVIATIONS USED IN THIS REPORT

| | |
|-----------------------------|---|
| AE | Atlantic Electric zone (part of Pepco Holdings, Inc) |
| AEP | American Electric Power zone (incorporated 10/1/2004) |
| APP | Appalachian Power, sub-zone of AEP |
| APS | Allegheny Power zone (incorporated 4/1/2002) |
| Base Load | Average peak load on non-holiday weekdays with no heating or cooling load. Base load is insensitive to weather. |
| BGE | Baltimore Gas & Electric zone |
| COMED | Commonwealth Edison zone (incorporated 5/1/2004) |
| Contractually Interruptible | Load Management from customers responding to direction from a control center |
| Cooling Load | The weather-sensitive portion of summer peak load |
| CSP | Columbus Southern Power, sub-zone of AEP |
| Direct Control | Load Management achieved directly by a signal from a control center |
| DAY | Dayton Power & Light zone (incorporated 10/1/2004) |
| DLCO | Duquesne Lighting Company zone (incorporated 1/1/2005) |
| DPL | Delmarva Power & Light zone (part of Pepco Holdings, Inc) |
| FE/GPU | The combination of First Energy's Jersey Central Power & Light, Metropolitan Edison, and Pennsylvania Electric zones (formerly GPU) |
| Heating Load | The weather-sensitive portion of winter peak load |
| INM | Indiana Michigan Power, sub-zone of AEP |
| JCPL | Jersey Central Power & Light zone |
| KP | Kentucky Power, sub-zone of AEP |
| METED | Metropolitan Edison zone |
| MP | Monongahela Power, sub-zone of APS |
| OP | Ohio Power, sub-zone of AEP |
| PECO | PECO Energy zone |

| | |
|---------------|--|
| PED | Potomac Edison, sub-zone of APS |
| PEPCO | Potomac Electric Power zone (part of Pepco Holdings, Inc) |
| PL | PPL Electric Utilities, sub-zone of PLGroup |
| PLGroup/PLGRP | Pennsylvania Power & Light zone |
| PENLC | Pennsylvania Electric zone |
| PS | Public Service Electric & Gas zone |
| RECO | Rockland Electric (East) zone (incorporated 3/1/2002) |
| UGI | UGI Utilities, sub-zone of PLGroup |
| WP | West Penn Power, sub-zone of APS |
| Zone | Areas within the PJM Control Area, as defined in the PJM Reliability Assurance Agreement |

2007 PJM LOAD REPORT

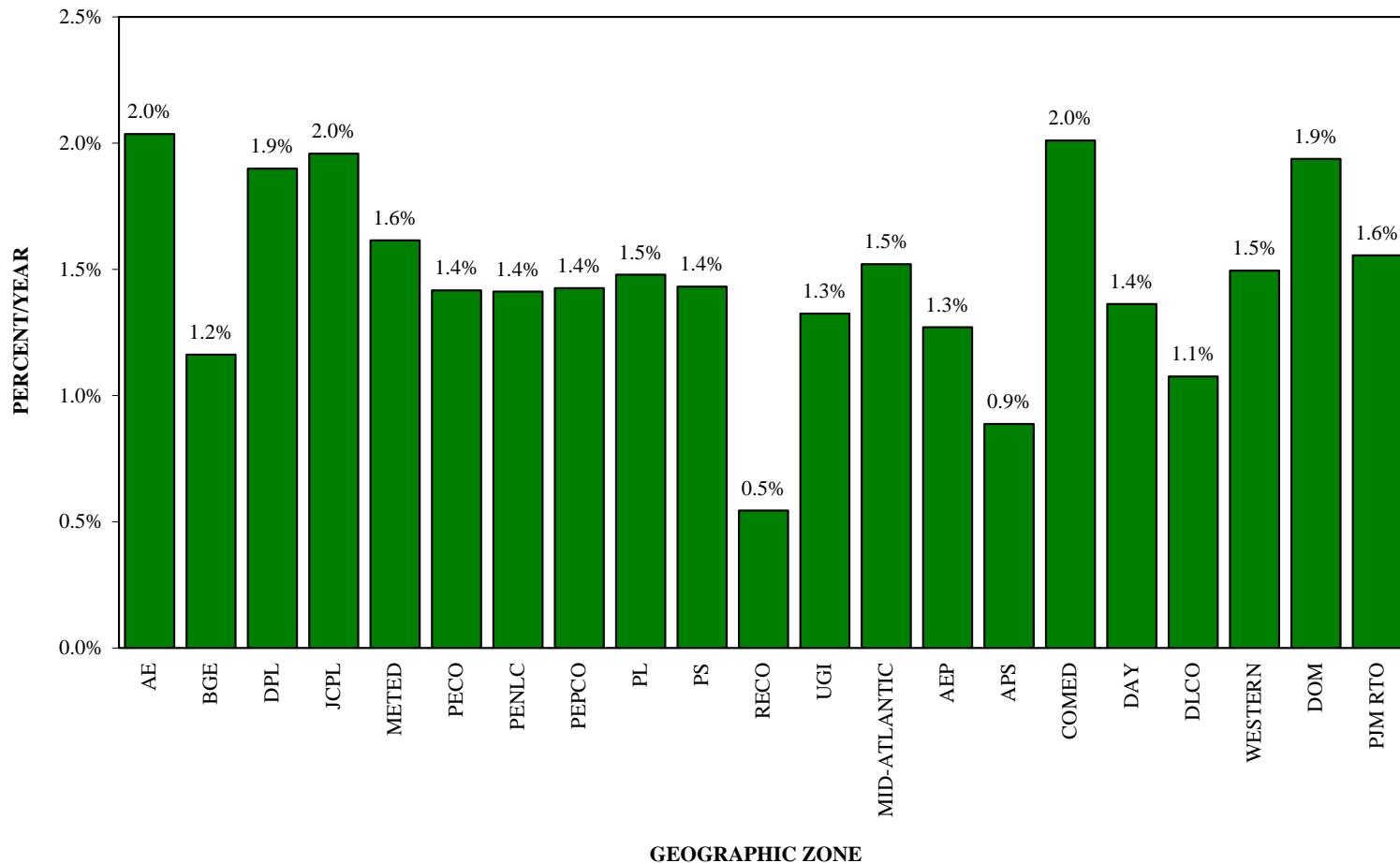
EXECUTIVE SUMMARY

1. This report presents an independent load forecast prepared by PJM staff.
2. The report includes long-term forecasts of peaks and load management for each PJM zone, region, and the total RTO. The forecast horizon has been increased from 10 years to 15 years to accommodate the expanded Regional Transmission Expansion Plan process.
3. Several new tables appear in this year's report: 1) Table B-8 presents coincident peaks for each PJM zone, Load Deliverability Area, and the total RTO. These forecasts reflect the load of each area at the time of the RTO peak, and will be used in the Reliability Pricing Model (RPM); 2) Table C-5 presents seasonal peak forecasts for the combined area of the Mid-Atlantic region and the APS zone; and 3) Tables D-1 and D-2 present extreme weather (90/10) forecasts for each PJM zone, region, and the total RTO, for summer and winter, respectively.
4. The PJM RTO weather normalized summer peak for 2006 was 136,200 MW. The projection for the 2007 PJM RTO summer peak is 136,961 MW, an increase of 761 MW, or 0.6%, from the 2006 normalized peak.
5. Summer peak load growth for PJM RTO is projected to average 1.6% per year over the next 10 years, and 1.5% over the next 15 years. The PJM RTO summer peak reaches 159,822 MW in 2017, a 10-year increase of 22,861 MW, and reaches 171,295 MW in 2022, a 15-year increase of 34,334 MW. Annualized growth rates for individual zones range from 0.5% to 2.0%.
6. Winter peak load growth for PJM RTO is projected to average 1.1% per year over the next 10- and 15-year periods. The PJM RTO winter peak load in 2015/16 is forecast to be 126,135 MW, a 10-year increase of 13,177 MW, and reaches 132,686 MW in 2021/22, a 15-year increase of 19,728 MW. Annualized growth rates for individual zones range from 0.5% to 1.7%.
7. Based on the forecast contained within this report, the PJM RTO will continue to be summer peaking during the next 15 years.

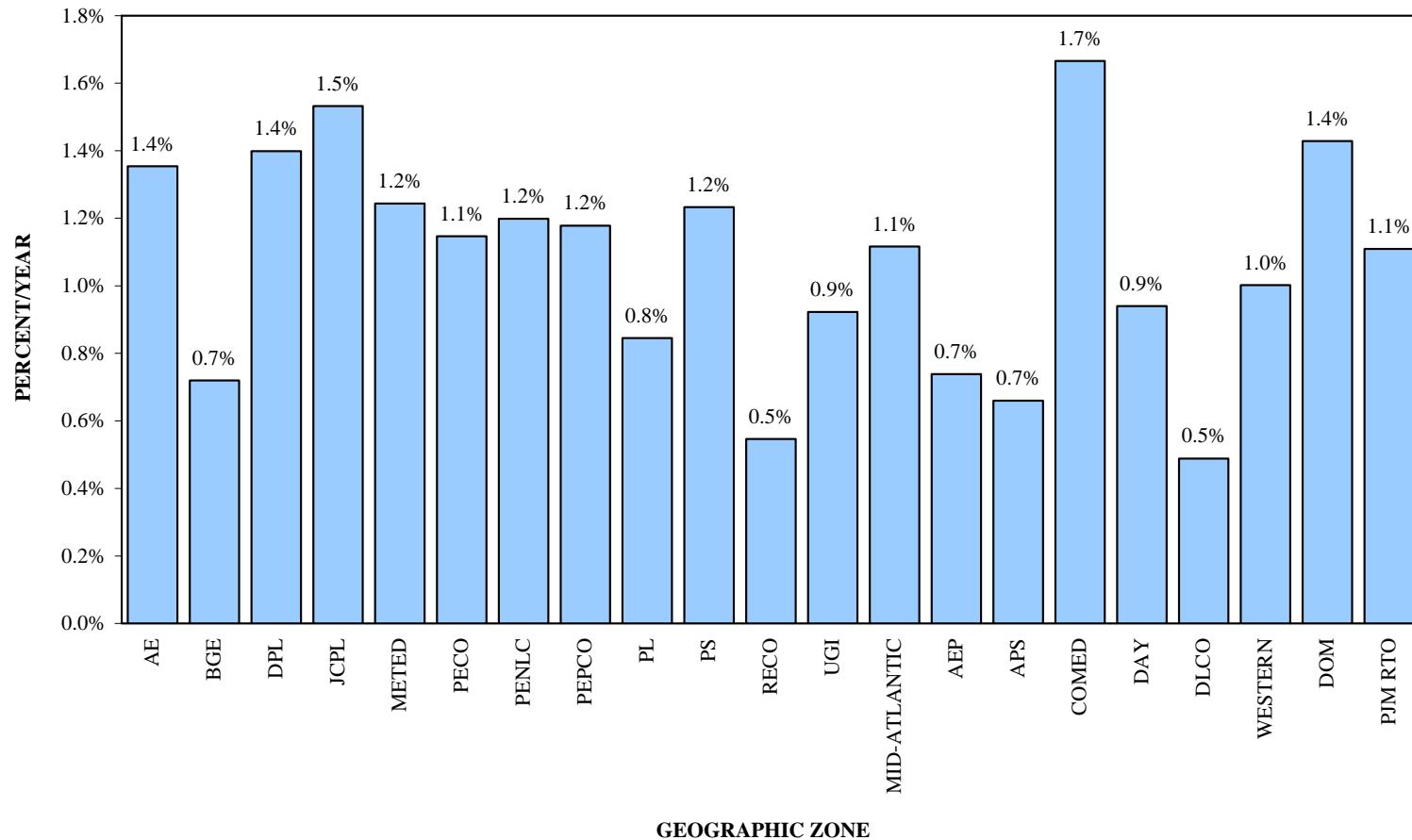
NOTE:

All compound growth rates are calculated from the first year of the forecast.

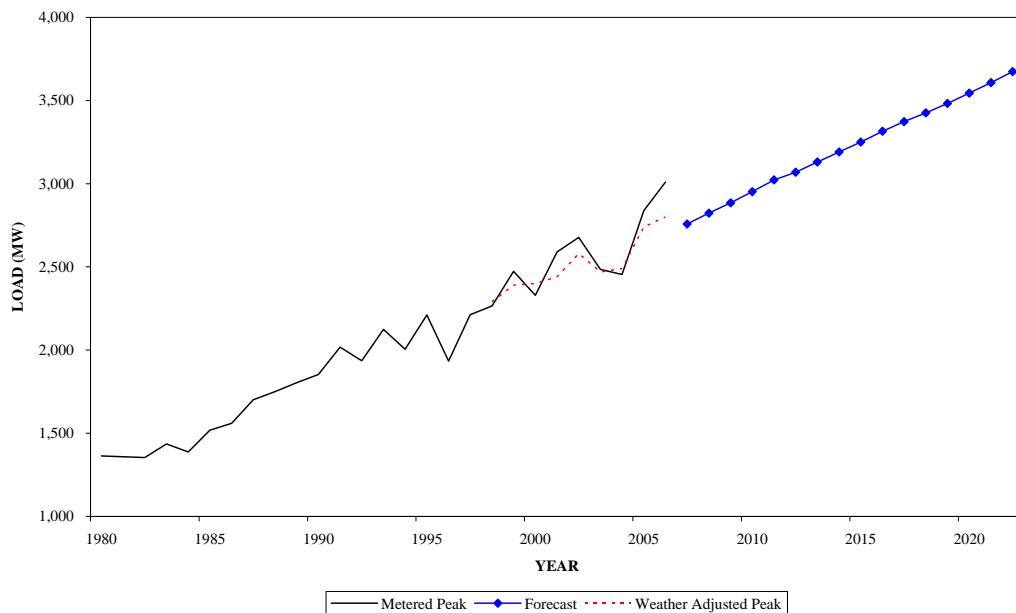
**PJM SUMMER PEAK LOAD GROWTH RATE
2007-2017**



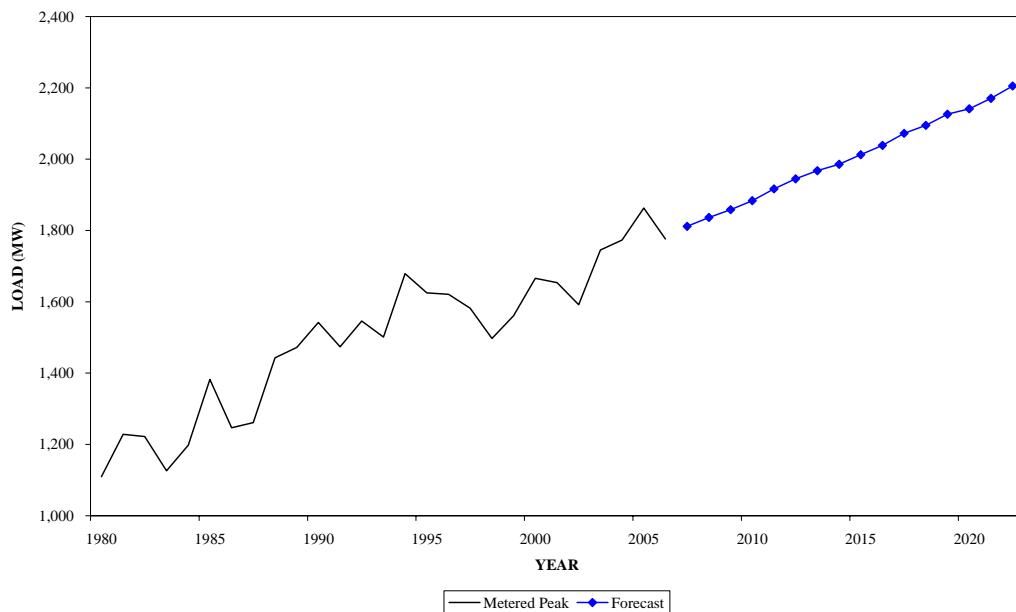
PJM WINTER PEAK LOAD GROWTH RATE
2007-2017



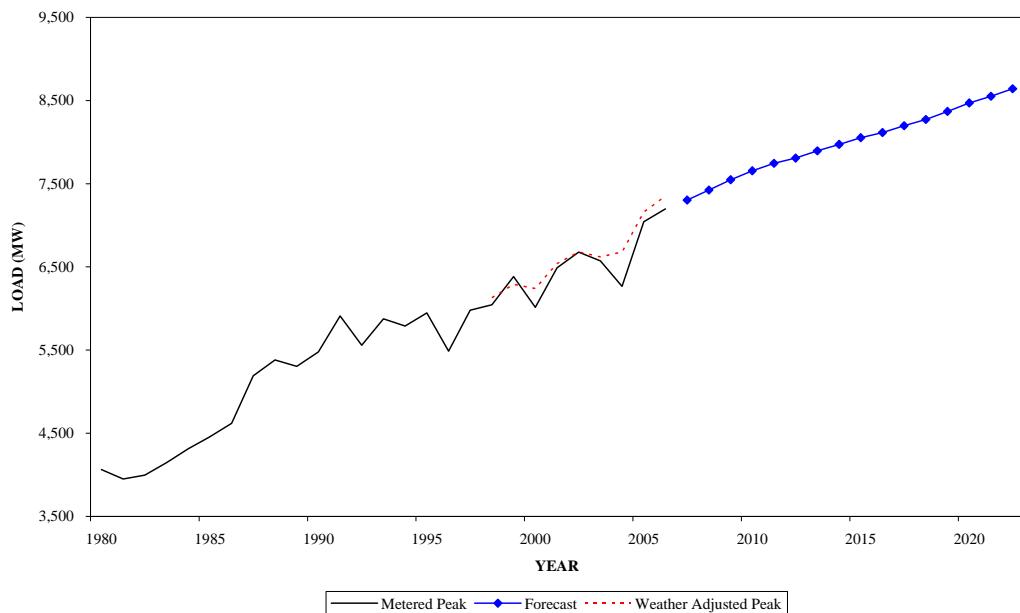
**SUMMER PEAK DEMAND FOR AE
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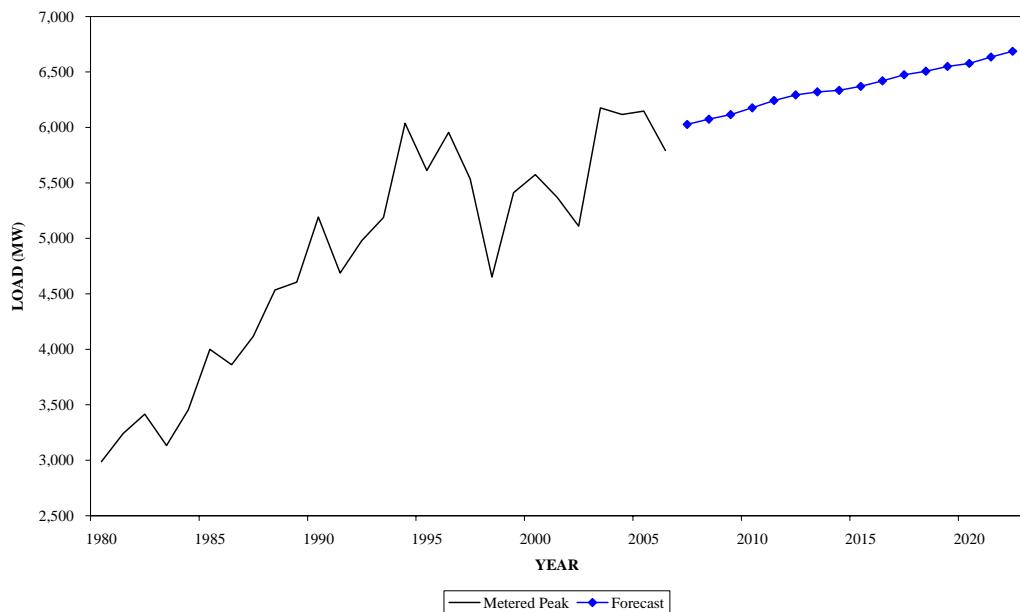
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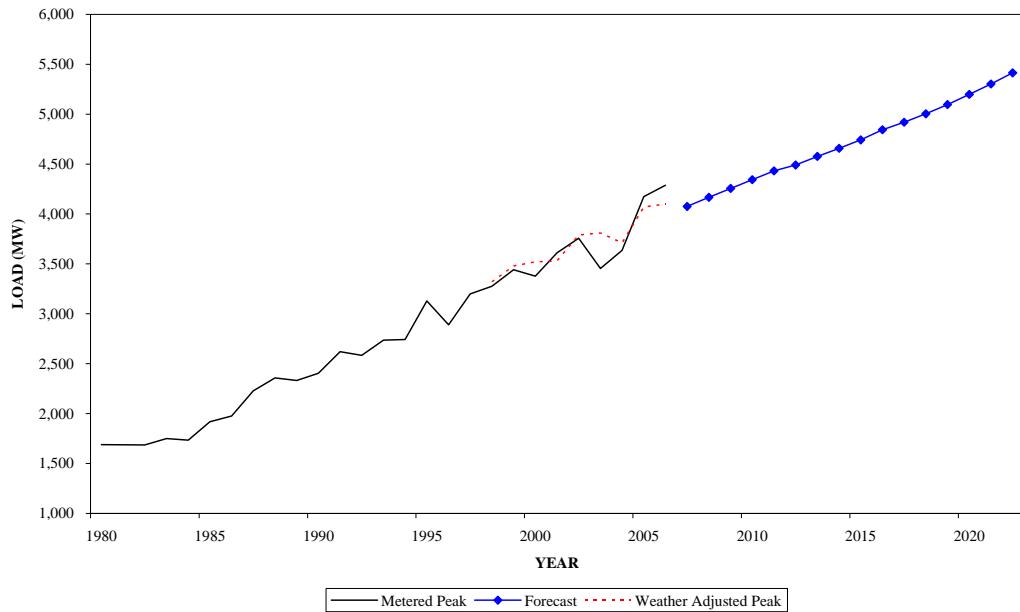
**SUMMER PEAK DEMAND FOR BGE
GEOGRAPHIC ZONE**



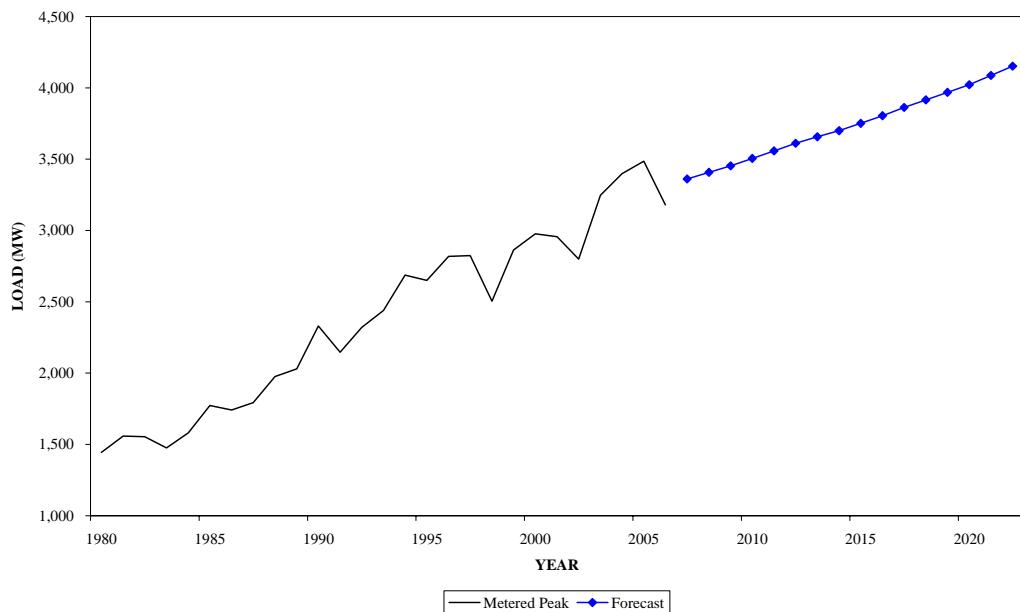
**WINTER PEAK DEMAND FOR BGE
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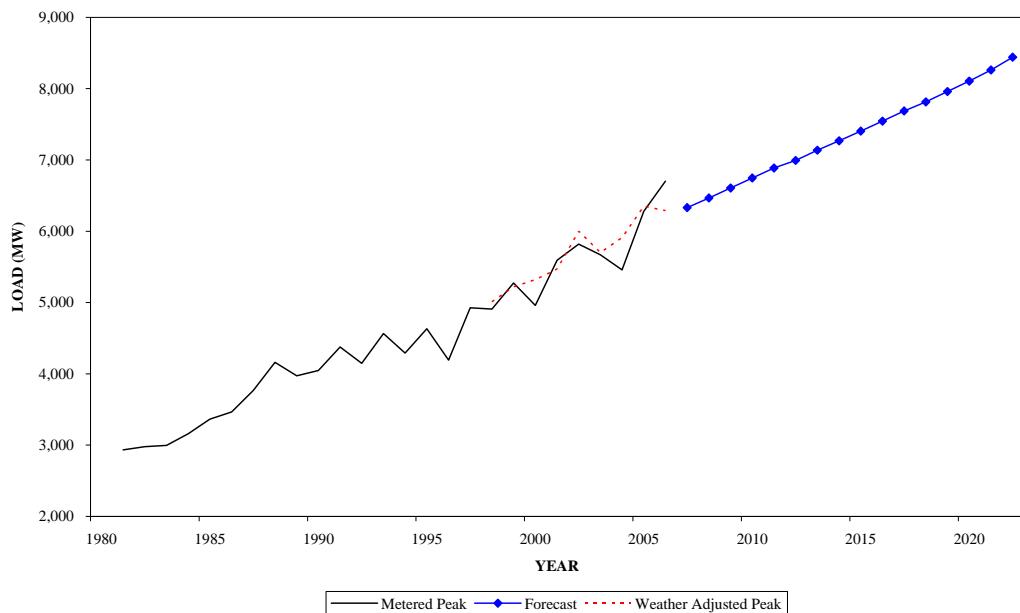
**SUMMER PEAK DEMAND FOR DPL
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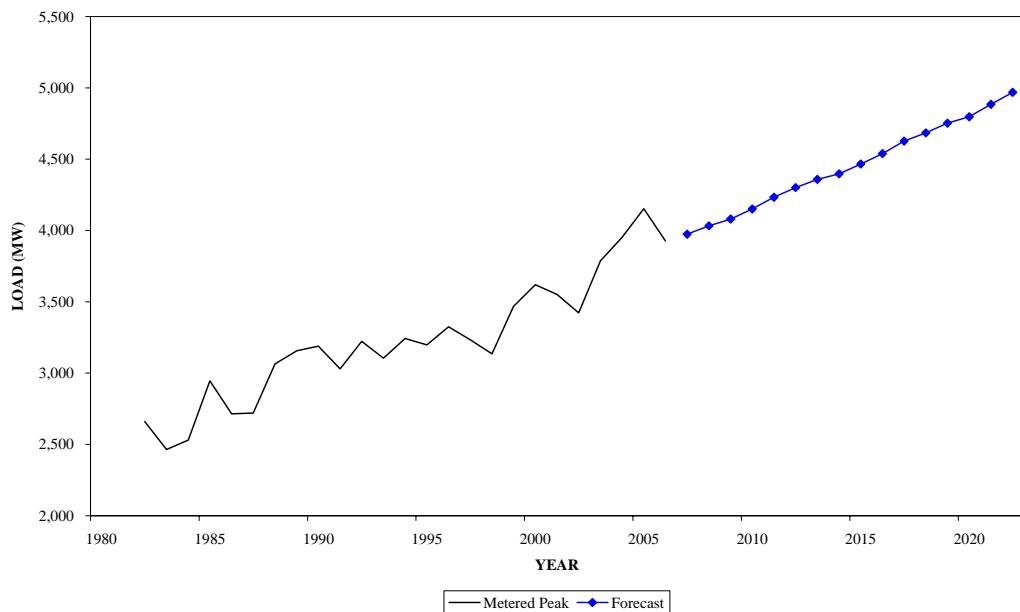
**WINTER PEAK DEMAND FOR DPL
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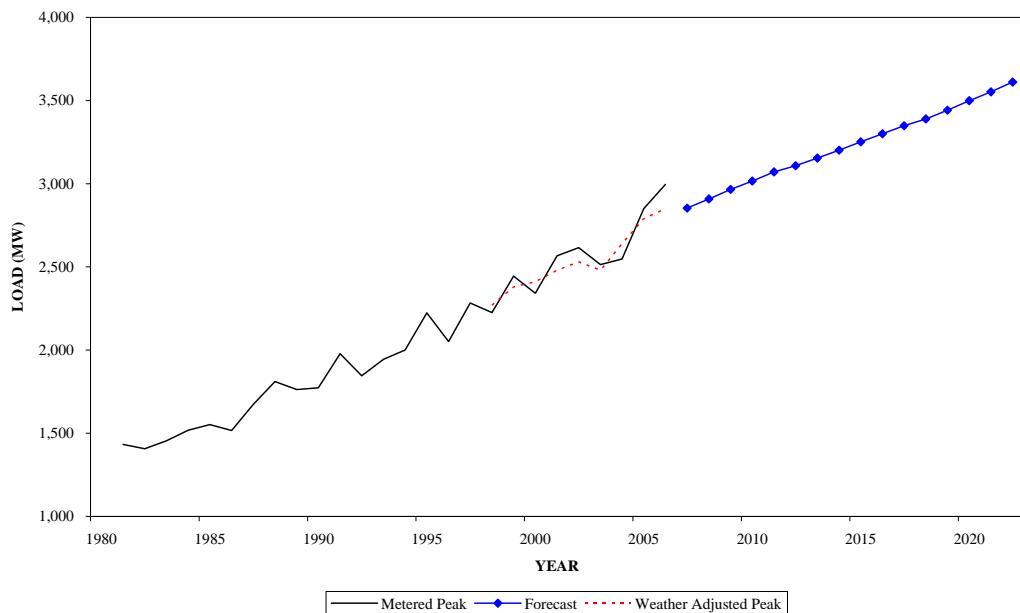
**SUMMER PEAK DEMAND FOR JCPL
GEOGRAPHIC ZONE**



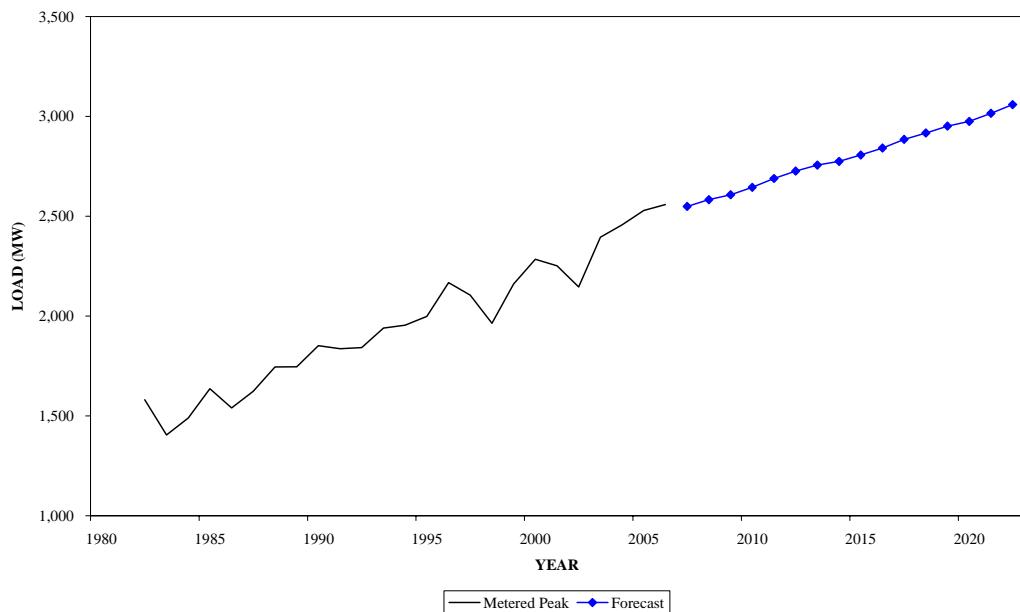
**WINTER PEAK DEMAND FOR JCPL
GEOGRAPHIC ZONE**



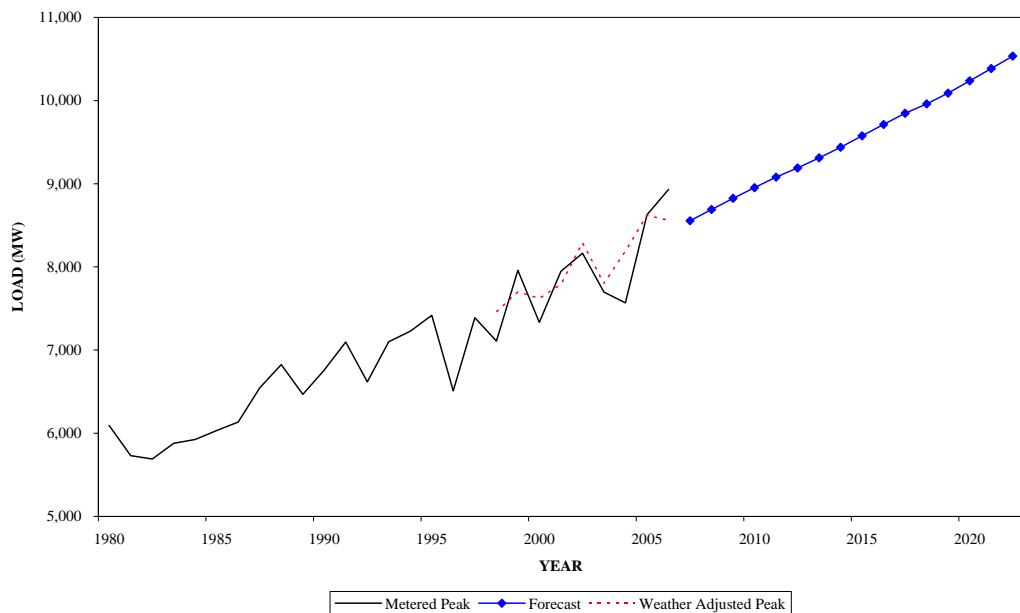
**SUMMER PEAK DEMAND FOR METED
GEOGRAPHIC ZONE**



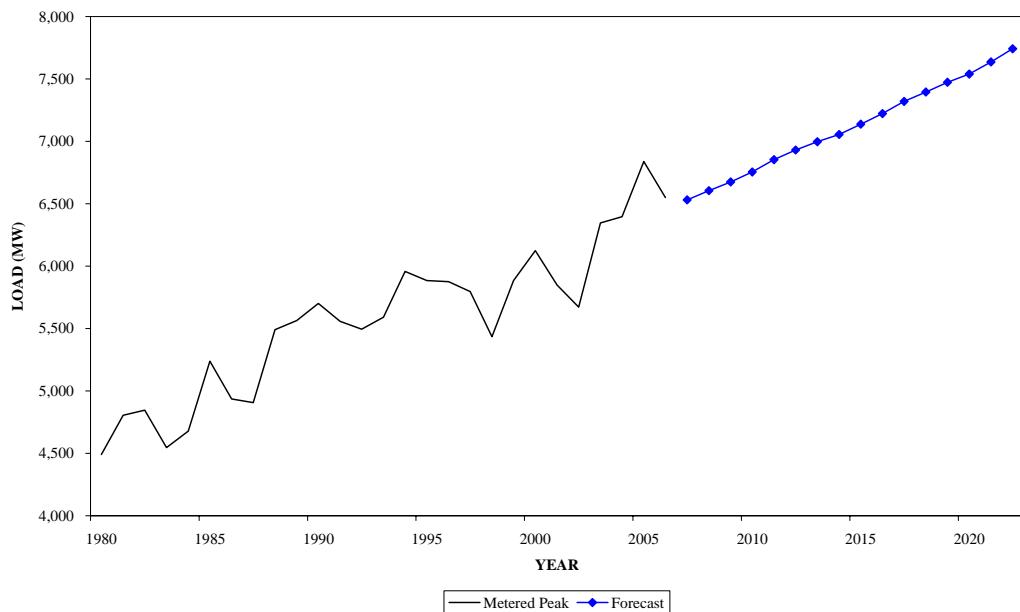
**WINTER PEAK DEMAND FOR METED
GEOGRAPHIC ZONE**



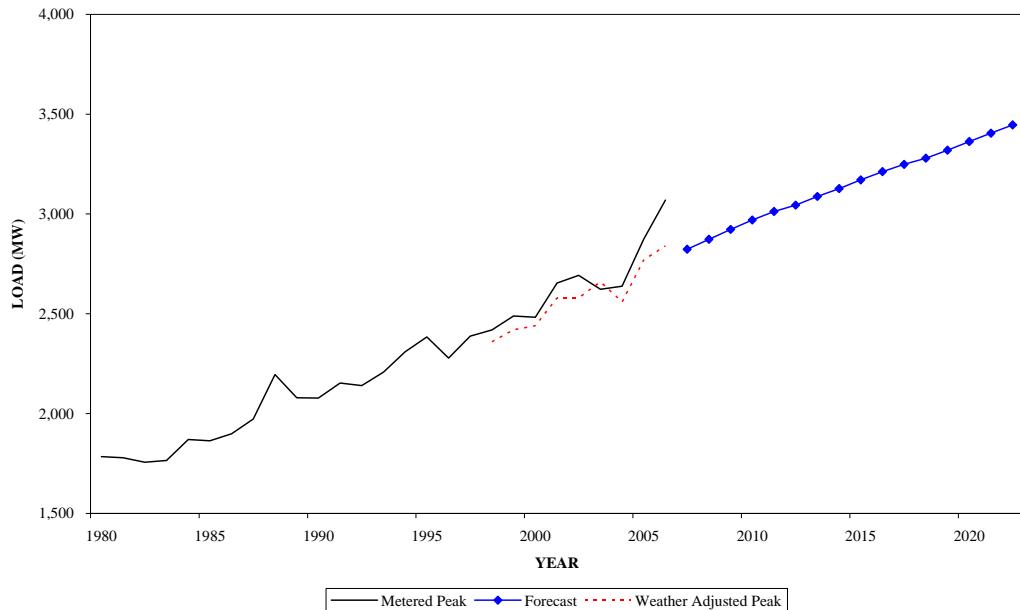
**SUMMER PEAK DEMAND FOR PECO
GEOGRAPHIC ZONE**



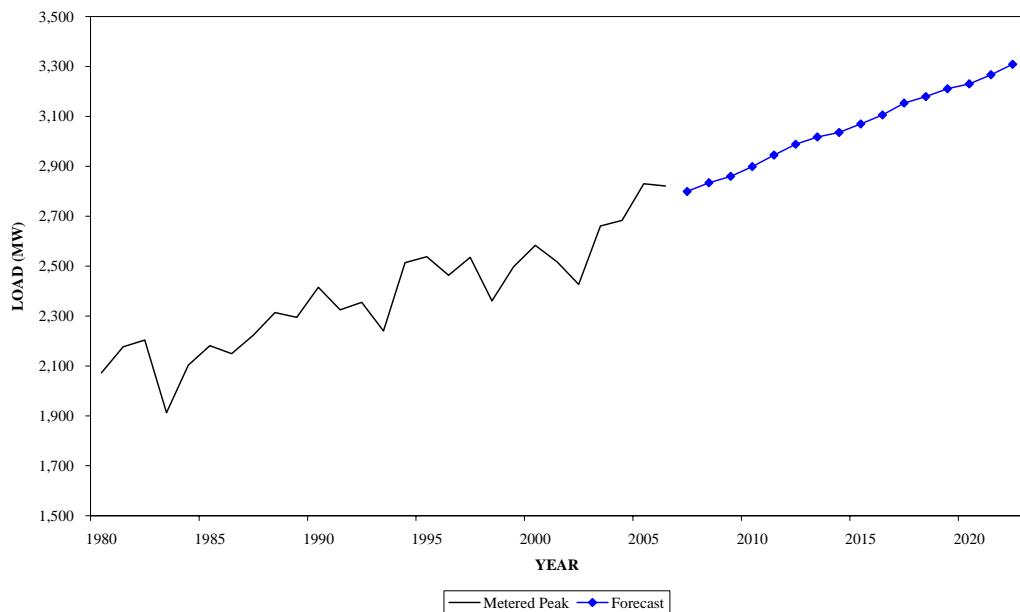
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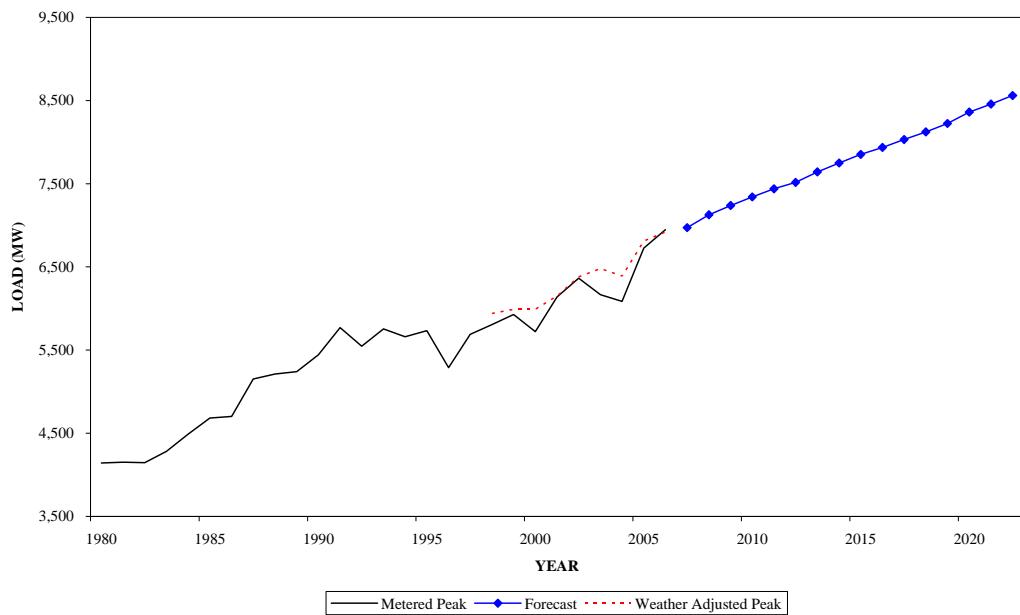
**SUMMER PEAK DEMAND FOR PENLC
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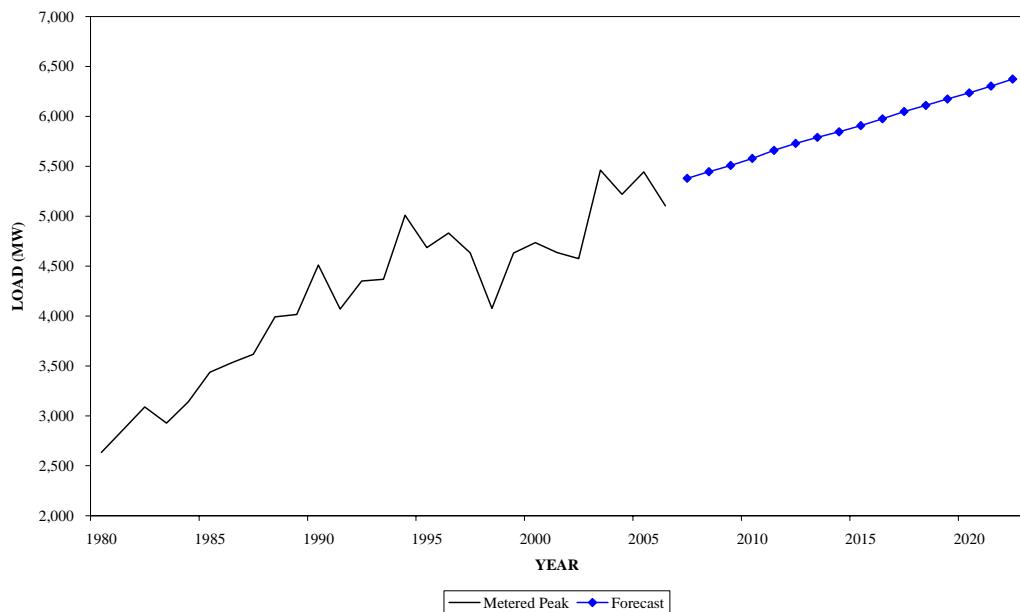
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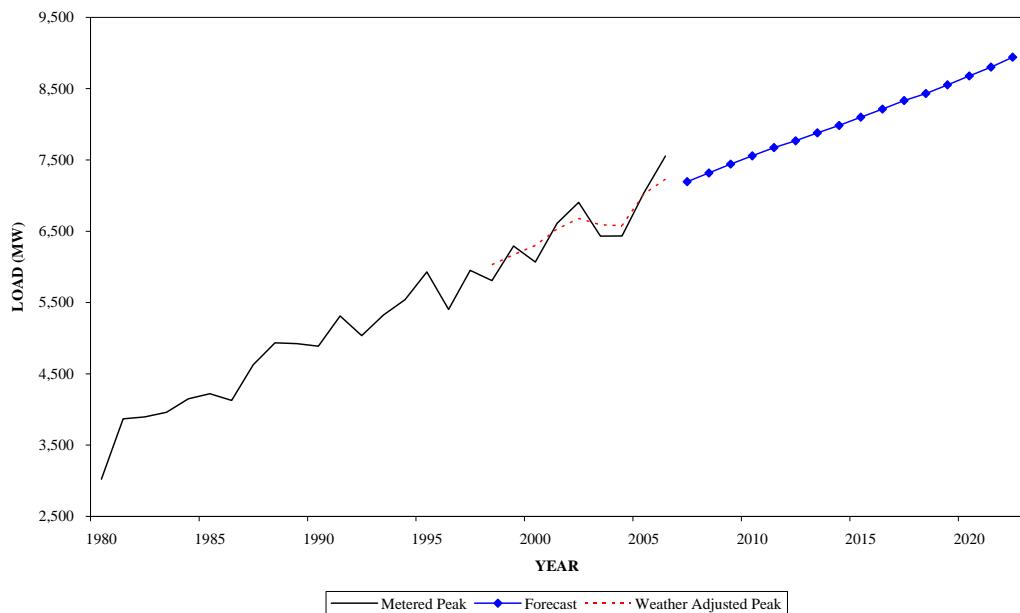
**SUMMER PEAK DEMAND FOR PEPCO
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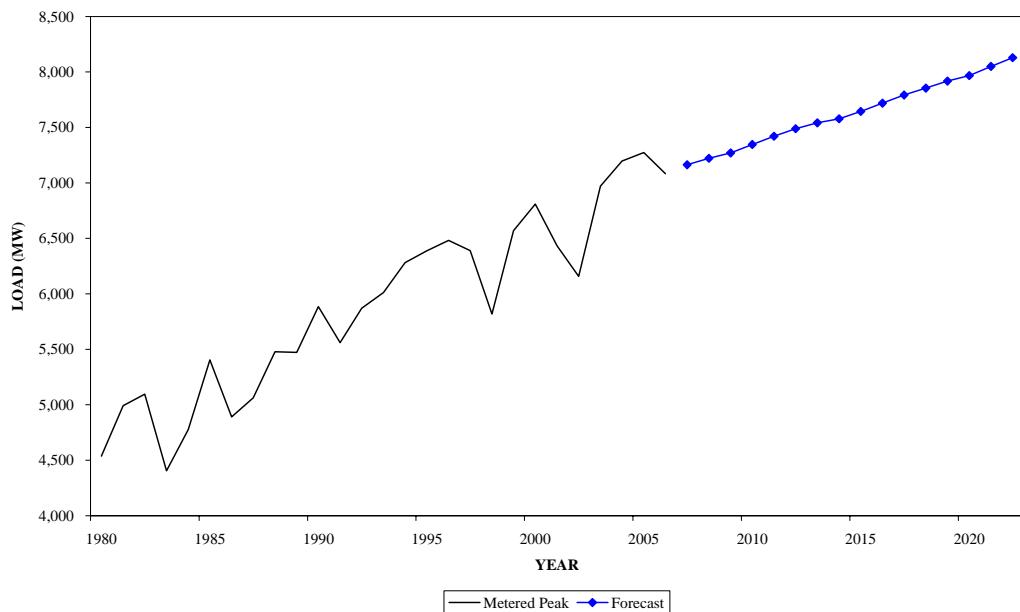
**WINTER PEAK DEMAND FOR PEPCO
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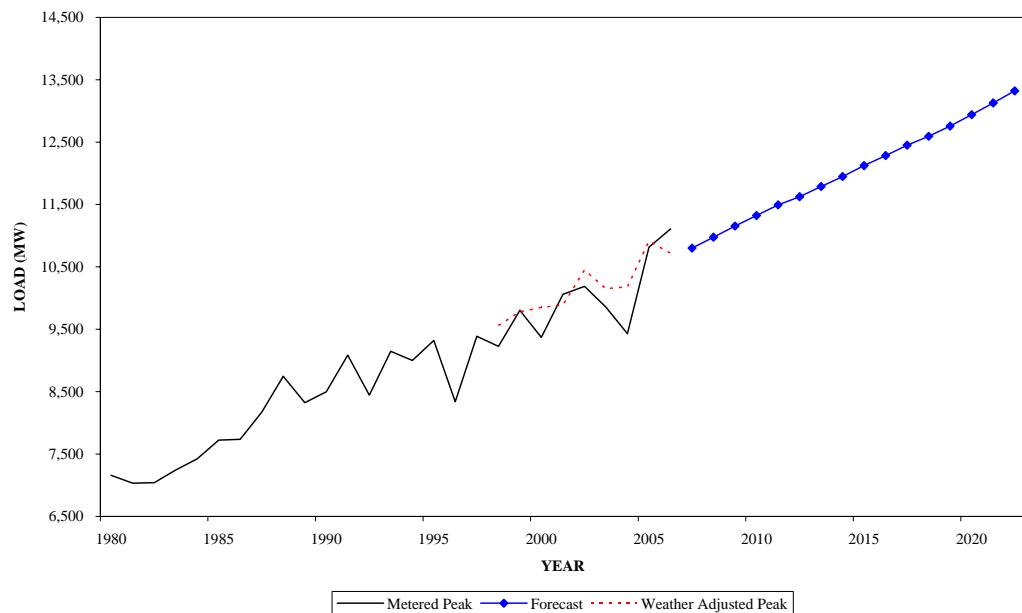
**SUMMER PEAK DEMAND FOR PL
GEOGRAPHIC ZONE**



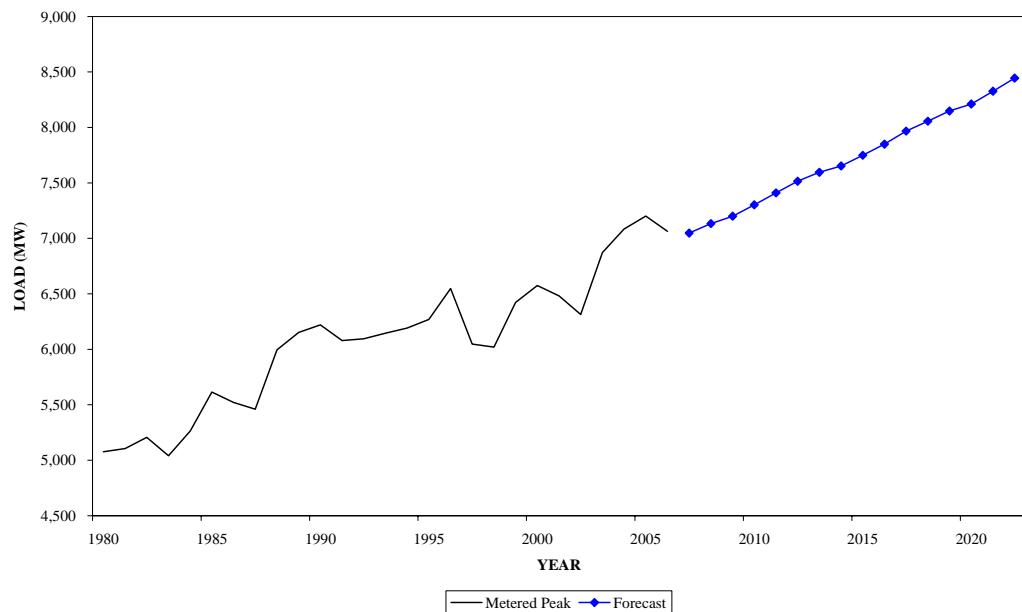
**WINTER PEAK DEMAND FOR PL
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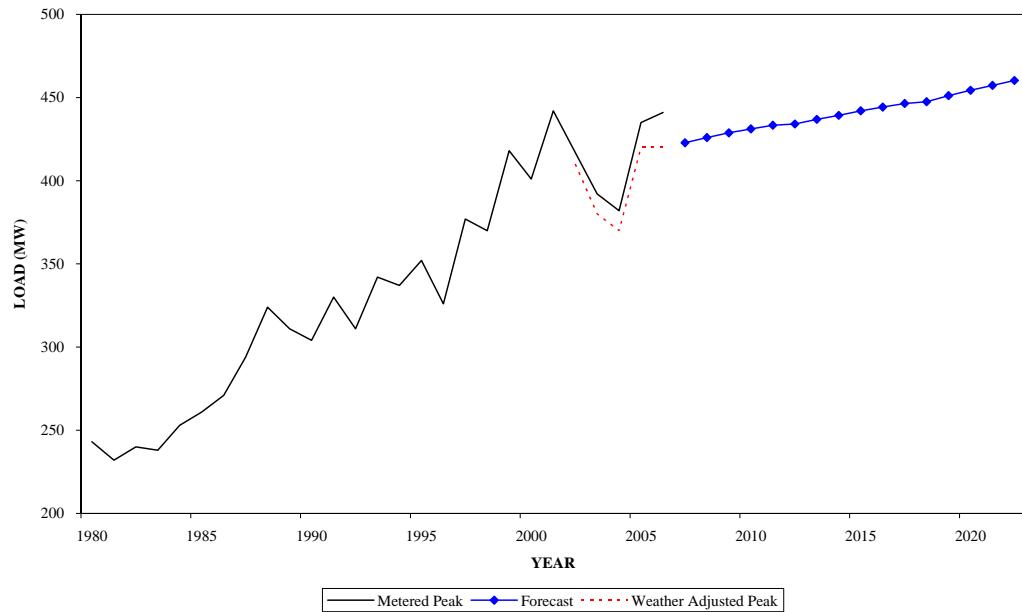
**SUMMER PEAK DEMAND FOR PS
GEOGRAPHIC ZONE**



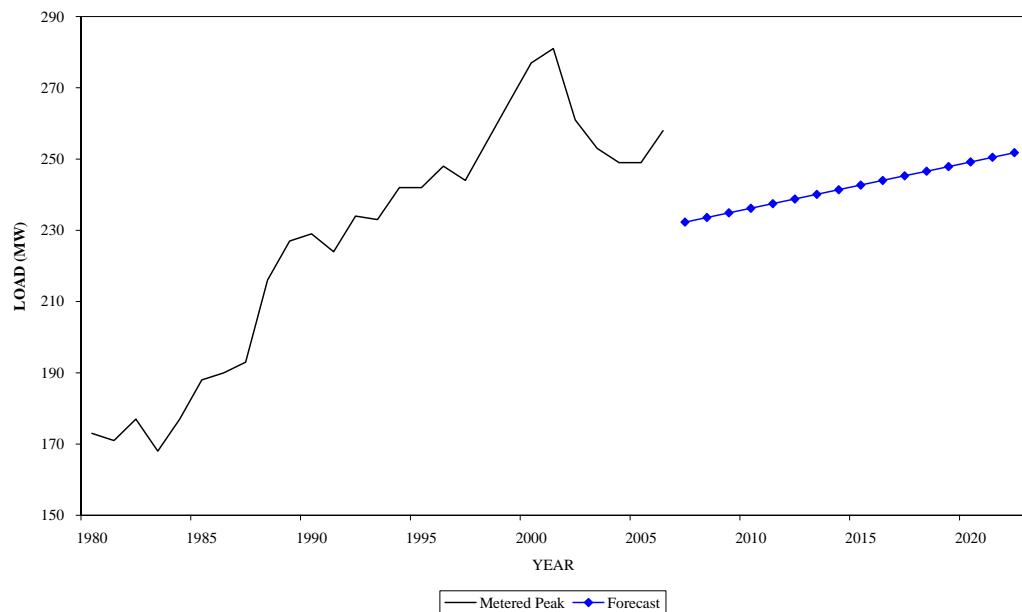
**WINTER PEAK DEMAND FOR PS
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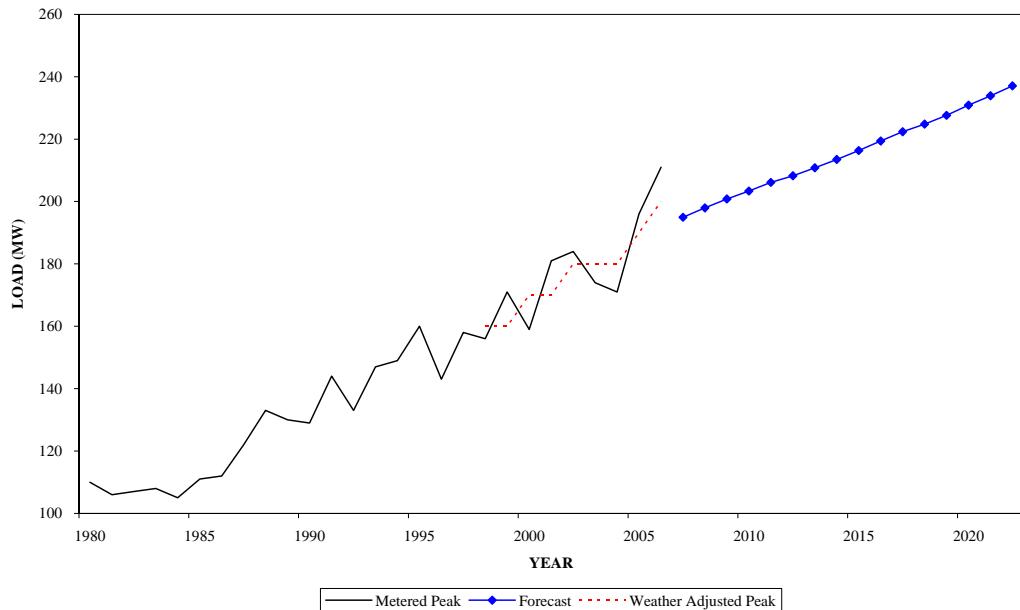
**SUMMER PEAK DEMAND FOR RECO
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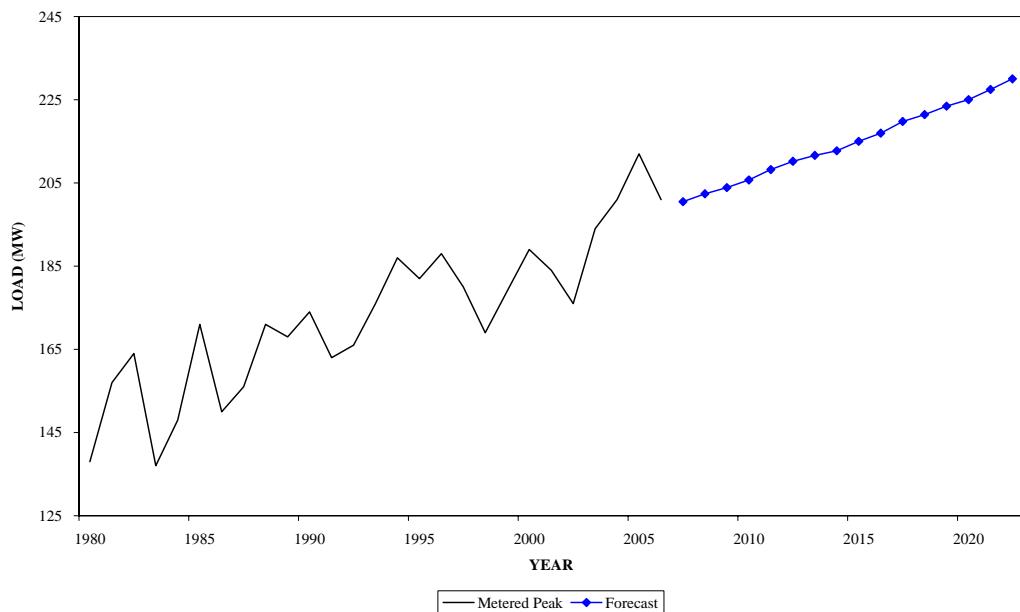
**WINTER PEAK DEMAND FOR RECO
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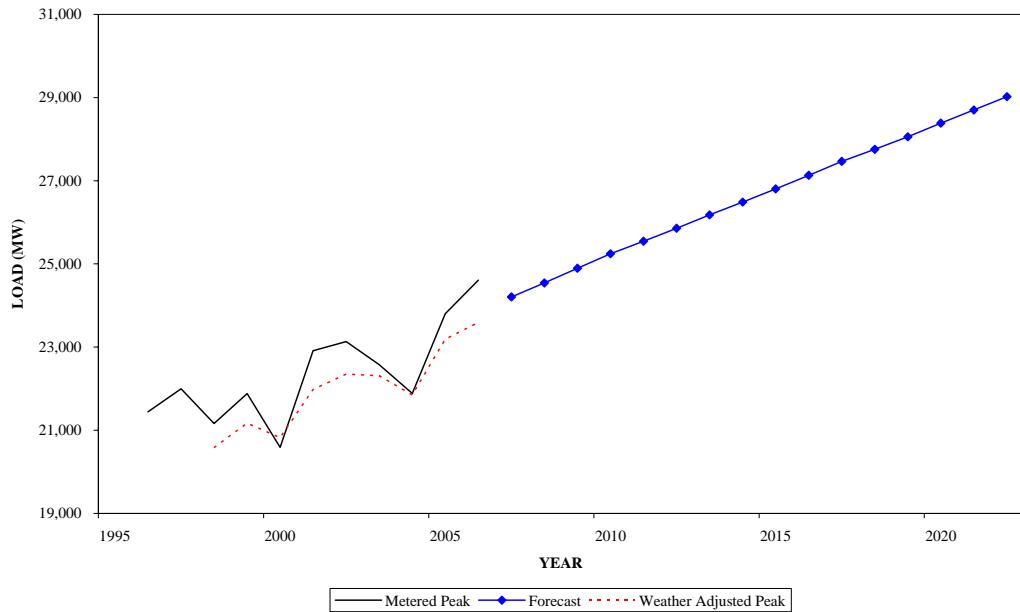
**SUMMER PEAK DEMAND FOR UGI
GEOGRAPHIC ZONE**



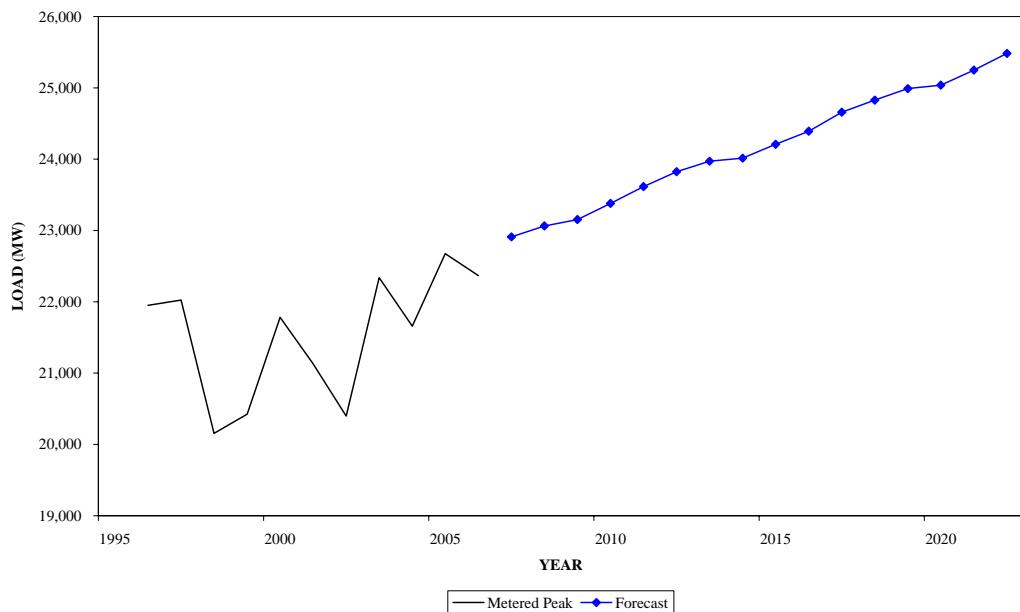
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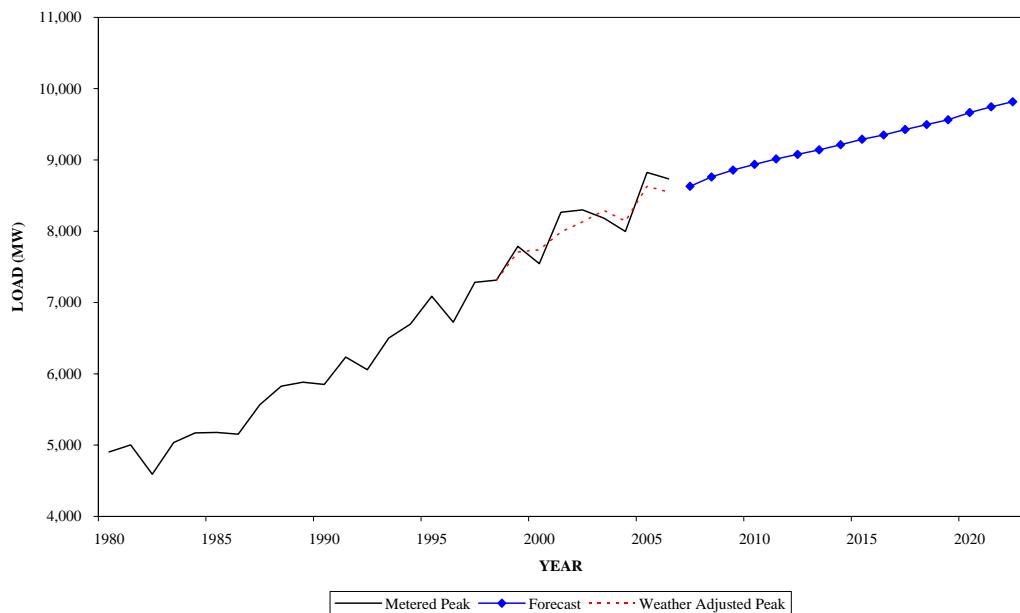
**SUMMER PEAK DEMAND FOR AEP
GEOGRAPHIC ZONE**



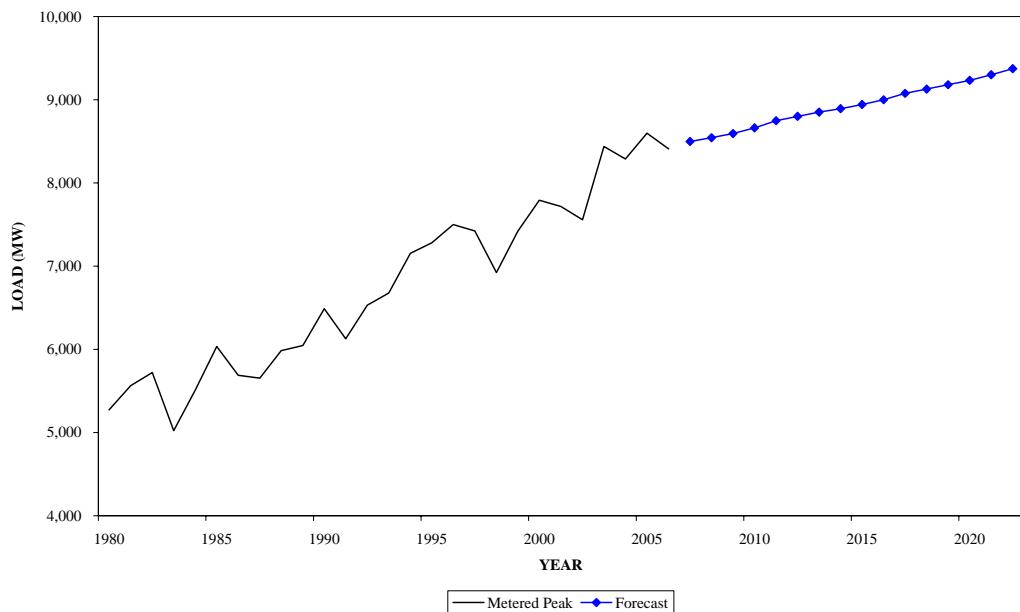
**WINTER PEAK DEMAND FOR AEP
GEOGRAPHIC ZONE**



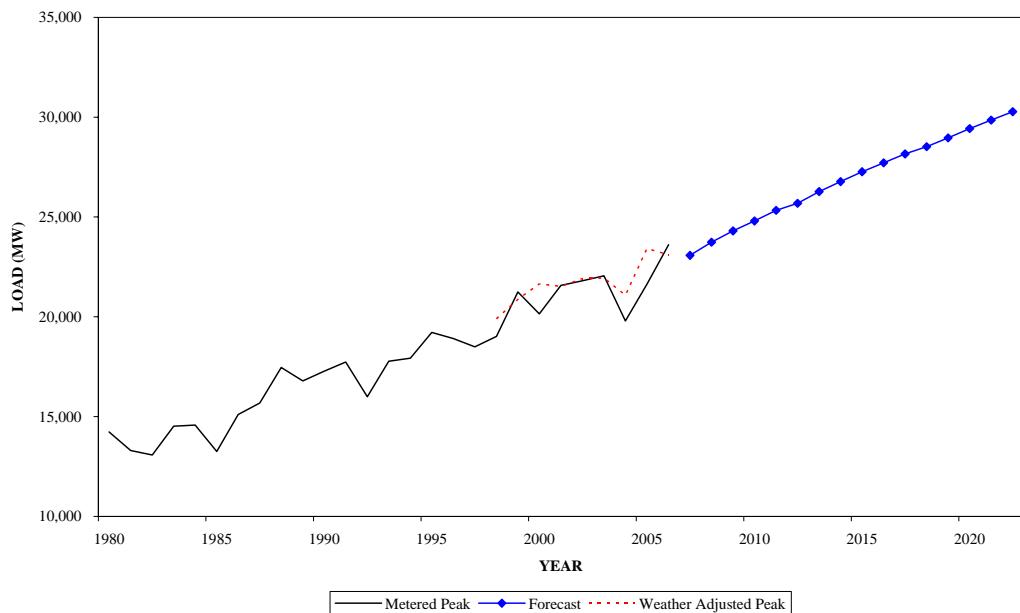
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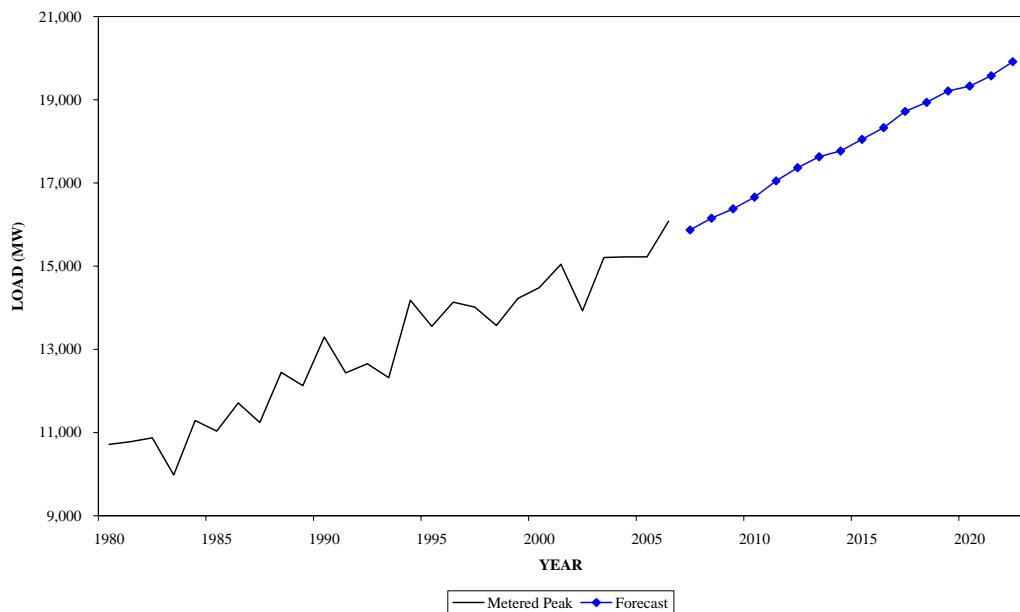
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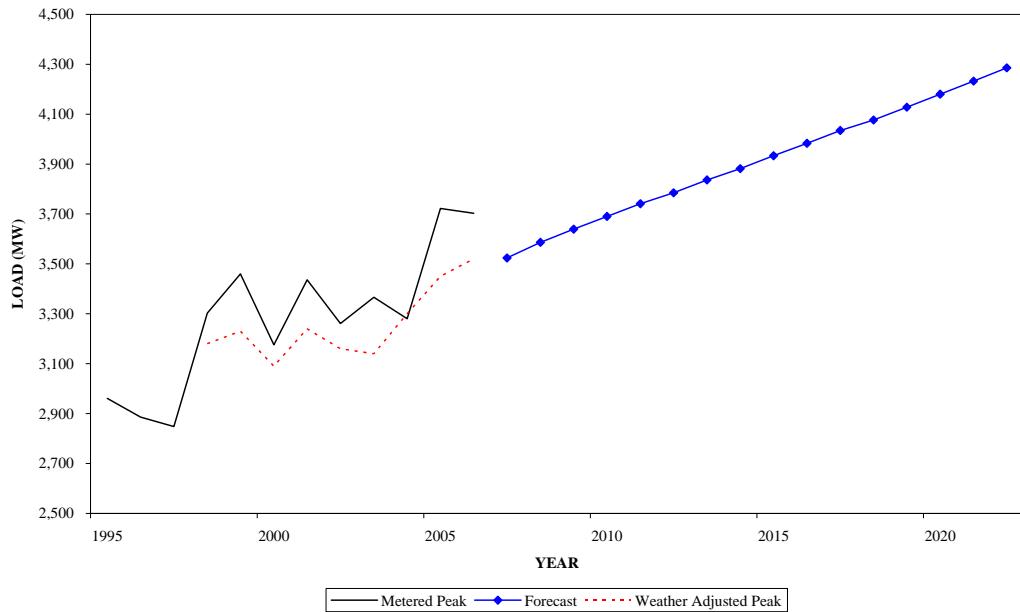
**SUMMER PEAK DEMAND FOR COMED
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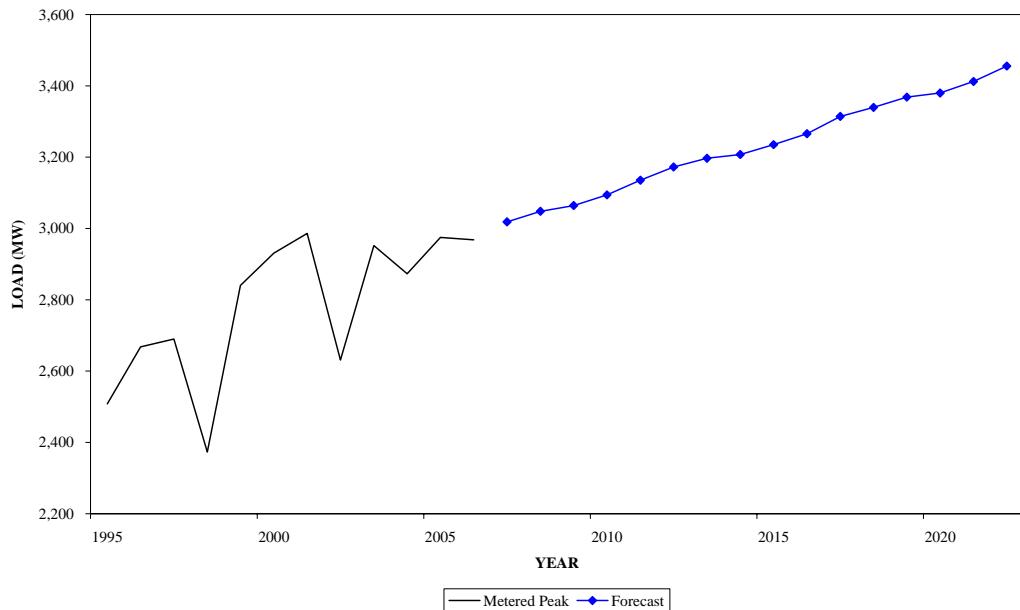
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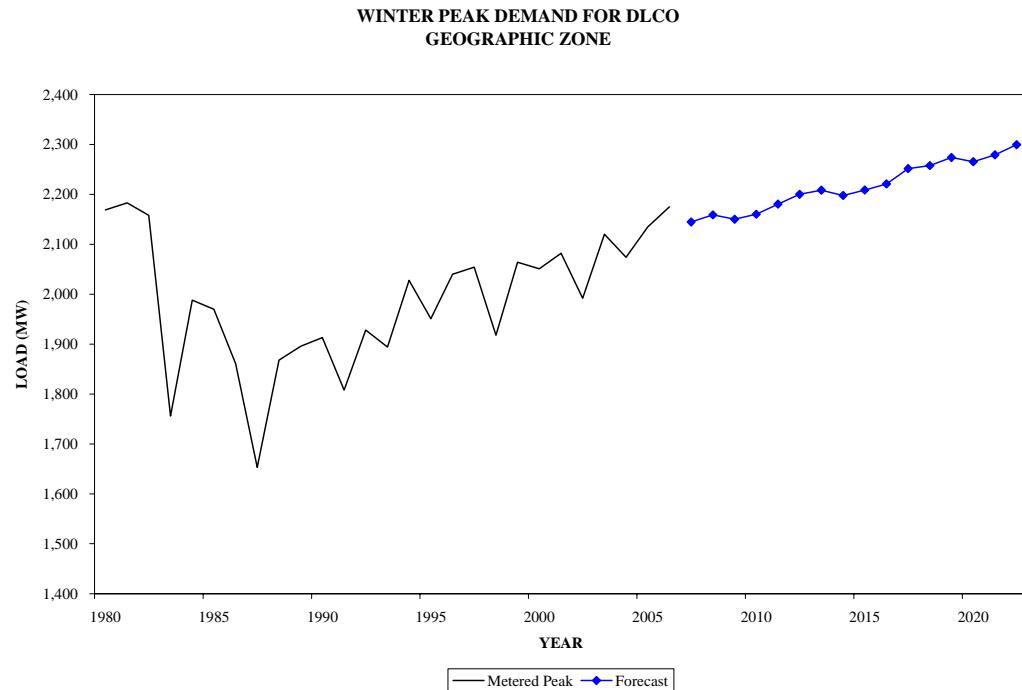
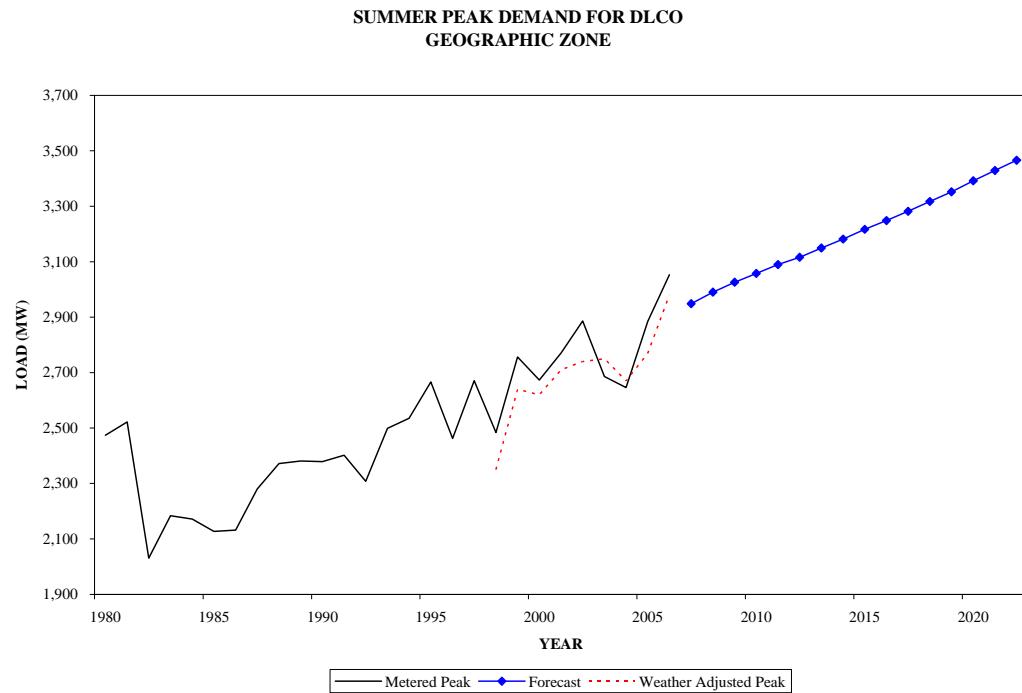


**SUMMER PEAK DEMAND FOR DAY
GEOGRAPHIC ZONE**

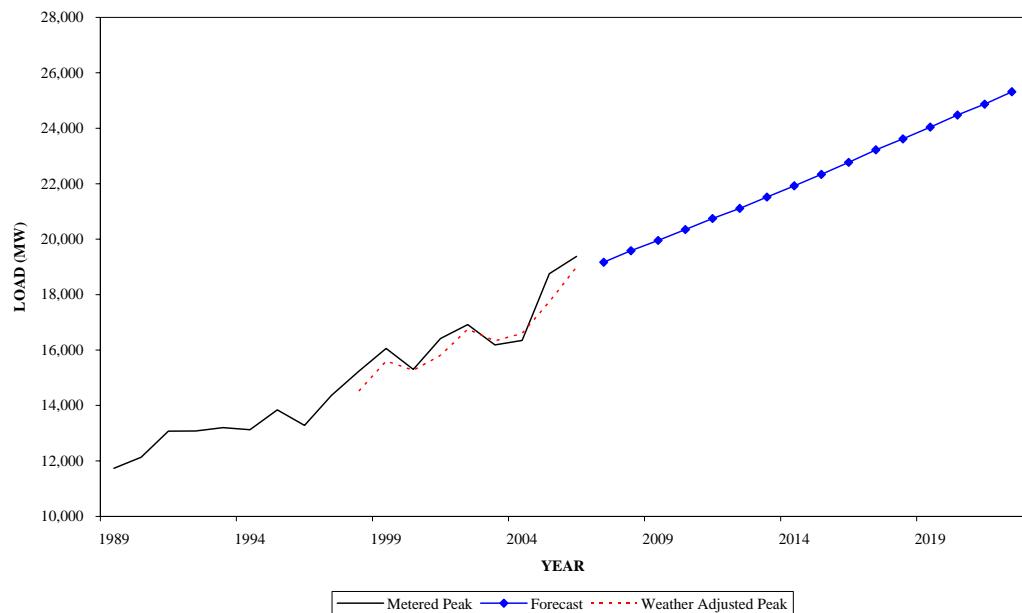


**WINTER PEAK DEMAND FOR DAY
GEOGRAPHIC ZONE**





**SUMMER PEAK DEMAND FOR DOM
GEOGRAPHIC ZONE**



**WINTER PEAK DEMAND FOR DOM
GEOGRAPHIC ZONE**

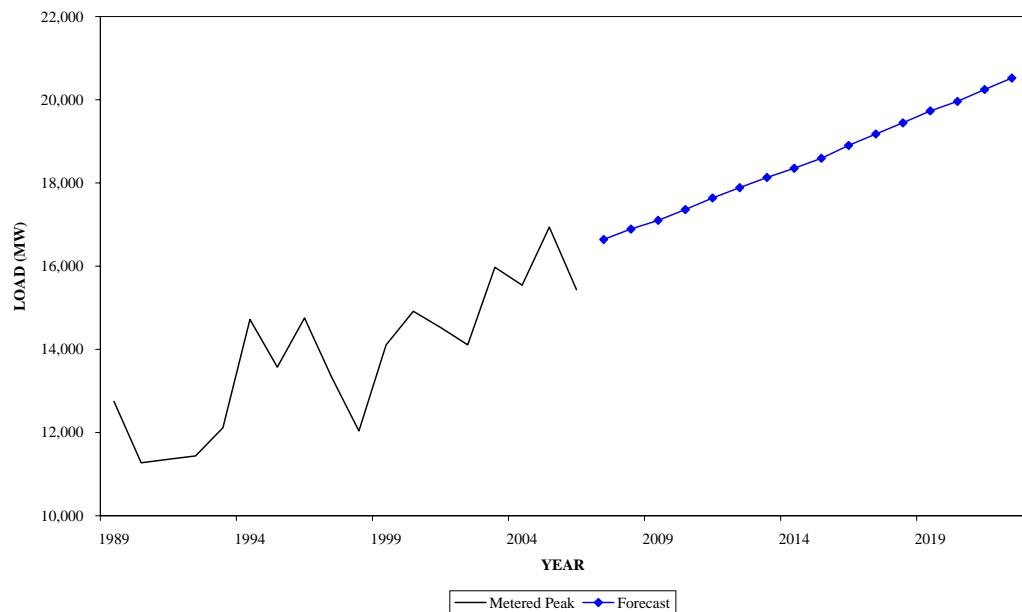


Table A-1

**PJM MID-ATLANTIC
SUMMER PEAK LOAD COMPARISONS OF THE CURRENT FORECAST
TO THE FEBRUARY 2006 LOAD FORECAST REPORT**

INCREASE OR DECREASE OVER PRIOR FORECAST

| | 2007 | | 2012 | | 2016 | |
|------------------|-------|-------|-------|-------|-------|-------|
| | MW | % | MW | % | MW | % |
| AE | 22 | 0.8% | 85 | 2.9% | 157 | 5.0% |
| BGE | 12 | 0.2% | 52 | 0.7% | 34 | 0.4% |
| DPL | 36 | 0.9% | (1) | 0.0% | (26) | -0.5% |
| JCPL | (176) | -2.7% | (347) | -4.7% | (399) | -5.0% |
| METED | 30 | 1.1% | 27 | 0.9% | 40 | 1.2% |
| PECO | 123 | 1.5% | 159 | 1.8% | 262 | 2.8% |
| PENLC | 29 | 1.0% | (5) | -0.2% | (4) | -0.1% |
| PEPCO | (49) | -0.7% | (4) | 0.0% | 38 | 0.5% |
| PL | 116 | 1.6% | 194 | 2.6% | 265 | 3.3% |
| PS | (40) | -0.4% | (166) | -1.4% | (281) | -2.2% |
| RECO | 2 | 0.4% | (13) | -2.9% | (22) | -4.7% |
| UGI | 6 | 3.1% | 8 | 4.1% | 11 | 5.5% |
| PJM MID-ATLANTIC | 108 | 0.2% | (9) | 0.0% | 75 | 0.1% |
| FE/GPU | (117) | -1.0% | (322) | -2.4% | (359) | -2.5% |
| PLGRP | 121 | 1.7% | 202 | 2.6% | 276 | 3.4% |

Table A-1

**PJM WESTERN, PJM SOUTHERN AND PJM RTO
SUMMER PEAK LOAD COMPARISONS OF THE CURRENT FORECAST
TO THE FEBRUARY 2006 LOAD FORECAST REPORT**

INCREASE OR DECREASE OVER PRIOR FORECAST

| | 2007 | | 2012 | | 2016 | |
|-------------|-------|------|-------|-------|-------|-------|
| | MW | % | MW | % | MW | % |
| AEP | 621 | 2.6% | 714 | 2.8% | 940 | 3.6% |
| APS | 507 | 6.2% | 482 | 5.6% | 445 | 5.0% |
| COMED | 438 | 1.9% | (66) | -0.3% | (402) | -1.4% |
| DAY | 50 | 1.4% | (21) | -0.6% | (46) | -1.1% |
| DLCO | 120 | 4.2% | 186 | 6.3% | 226 | 7.5% |
| PJM WESTERN | 1,694 | 2.9% | 1,264 | 2.0% | 1,135 | 1.7% |
| DOM | 455 | 2.4% | 448 | 2.2% | 594 | 2.7% |
| PJM RTO | 1,214 | 0.9% | 751 | 0.5% | 557 | 0.4% |

Table A-2
PJM MID-ATLANTIC
WINTER PEAK LOAD COMPARISONS OF THE CURRENT FORECAST
TO THE FEBRUARY 2006 LOAD FORECAST REPORT
INCREASE OR DECREASE OVER PRIOR FORECAST

| | 06/07 | | 11/12 | | 15/16 | |
|------------------|-------|------|-------|-------|-------|-------|
| | MW | % | MW | % | MW | % |
| AE | 24 | 1.3% | 11 | 0.6% | 9 | 0.4% |
| BGE | 110 | 1.9% | 71 | 1.1% | 12 | 0.2% |
| DPL | 72 | 2.2% | 15 | 0.4% | (32) | -0.8% |
| JCPL | 4 | 0.1% | (121) | -2.7% | (224) | -4.7% |
| METED | 35 | 1.4% | 23 | 0.9% | 5 | 0.2% |
| PECO | 70 | 1.1% | 57 | 0.8% | 41 | 0.6% |
| PENLC | 44 | 1.6% | (0) | 0.0% | (48) | -1.5% |
| PEPCO | 2 | 0.0% | (55) | -1.0% | (79) | -1.3% |
| PL | 167 | 2.4% | 121 | 1.6% | 69 | 0.9% |
| PS | 30 | 0.4% | (120) | -1.6% | (249) | -3.1% |
| RECO | 3 | 1.4% | (3) | -1.3% | (8) | -3.2% |
| UGI | 6 | 3.3% | 6 | 3.0% | 7 | 3.3% |
| PJM MID-ATLANTIC | 545 | 1.2% | (47) | -0.1% | (517) | -1.0% |
| FE/GPU | 75 | 0.8% | (129) | -1.3% | (269) | -2.5% |
| PLGRP | 173 | 2.4% | 127 | 1.7% | 76 | 1.0% |

Table A-2

**PJM WESTERN, PJM SOUTHERN AND PJM RTO
WINTER PEAK LOAD COMPARISONS OF THE CURRENT FORECAST
TO THE FEBRUARY 2006 LOAD FORECAST REPORT**

INCREASE OR DECREASE OVER PRIOR FORECAST

| | 06/07 | | 11/12 | | 15/16 | |
|-------------|--------------|----------|--------------|----------|--------------|----------|
| | MW | % | MW | % | MW | % |
| AEP | 261 | 1.2% | (190) | -0.8% | (540) | -2.2% |
| APS | 506 | 6.3% | 347 | 4.1% | 210 | 2.4% |
| COMED | (10) | -0.1% | (856) | -4.7% | (1,517) | -7.6% |
| DAY | 30 | 1.0% | (72) | -2.2% | (155) | -4.5% |
| DLCO | 21 | 1.0% | (20) | -0.9% | (69) | -3.0% |
| PJM WESTERN | 592 | 1.2% | (1,140) | -2.1% | (2,330) | -4.0% |
| DOM | (132) | -0.8% | (638) | -3.4% | (1,015) | -5.1% |
| PJM RTO | 844 | 0.8% | (1,902) | -1.6% | (3,678) | -2.9% |

PJM CONTROL AREA - JANUARY 2007
UNRESTRICTED PEAK FORECAST: SUMMER/WINTER
2018-2022

SUMMER UNRESTRICTED PEAK (MW)

| | 2018 | 2019 | 2020 | 2021 | 2022 | Annual Growth Rate (15 yr) |
|------------------|---------|---------|---------|---------|---------|----------------------------|
| PJM MID-ATLANTIC | 70,300 | 71,296 | 72,398 | 73,448 | 74,575 | 1.5% |
| % | 1.2% | 1.4% | 1.5% | 1.4% | 1.5% | |
| PJM WESTERN | 71,403 | 72,280 | 73,240 | 74,130 | 75,013 | 1.4% |
| % | 1.1% | 1.2% | 1.3% | 1.2% | 1.2% | |
| PJM SOUTHERN | 23,619 | 24,042 | 24,478 | 24,868 | 25,320 | 1.9% |
| % | 1.7% | 1.8% | 1.8% | 1.6% | 1.8% | |
| PJM RTO | 162,024 | 164,355 | 166,616 | 168,900 | 171,295 | 1.5% |
| % | 1.4% | 1.4% | 1.4% | 1.4% | 1.4% | |

WINTER UNRESTRICTED PEAK (MW)

| | 17/18 | 18/19 | 19/20 | 20/21 | 21/22 | Annual Growth Rate (15 yr) |
|------------------|---------|---------|---------|---------|---------|----------------------------|
| PJM MID-ATLANTIC | 52,355 | 52,894 | 53,353 | 54,002 | 54,668 | 1.1% |
| % | 1.0% | 1.0% | 0.9% | 1.2% | 1.2% | |
| PJM WESTERN | 56,793 | 57,356 | 57,557 | 58,125 | 58,895 | 1.0% |
| % | 0.6% | 1.0% | 0.4% | 1.0% | 1.3% | |
| PJM SOUTHERN | 19,444 | 19,733 | 19,961 | 20,245 | 20,522 | 1.4% |
| % | 1.4% | 1.5% | 1.2% | 1.4% | 1.4% | |
| PJM RTO | 127,389 | 128,672 | 129,801 | 131,188 | 132,686 | 1.1% |
| % | 1.0% | 1.0% | 0.9% | 1.1% | 1.1% | |

Note:

Projected PJM seasonal peak load under normal peak weather conditions in the absence of any load reductions due to active load management, voltage reductions or voluntary curtailments.

Table B-1 (Continued)

**SUMMER PEAK LOAD (MW) AND GROWTH RATES FOR
EACH PJM MID-ATLANTIC GEOGRAPHIC ZONE AND SUM OF GEOGRAPHIC ZONES
2018-2022**

| | | | | | Annual Growth Rate (15 yr) | |
|------------------|--------|--------|--------|--------|----------------------------------|------|
| | 2018 | 2019 | 2020 | 2021 | 2022 | |
| AE | 3,426 | 3,483 | 3,545 | 3,607 | 3,674 | 1.9% |
| % | 1.5% | 1.7% | 1.8% | 1.8% | 1.8% | |
| BGE | 8,272 | 8,370 | 8,471 | 8,551 | 8,642 | 1.1% |
| % | 0.9% | 1.2% | 1.2% | 1.0% | 1.1% | |
| DPL | 5,004 | 5,096 | 5,199 | 5,303 | 5,414 | 1.9% |
| % | 1.7% | 1.8% | 2.0% | 2.0% | 2.1% | |
| JCPL | 7,814 | 7,959 | 8,106 | 8,261 | 8,441 | 1.9% |
| % | 1.6% | 1.9% | 1.8% | 1.9% | 2.2% | |
| METED | 3,390 | 3,442 | 3,499 | 3,552 | 3,611 | 1.6% |
| % | 1.2% | 1.5% | 1.7% | 1.5% | 1.6% | |
| PECO | 9,960 | 10,090 | 10,237 | 10,385 | 10,534 | 1.4% |
| % | 1.2% | 1.3% | 1.5% | 1.4% | 1.4% | |
| PENLC | 3,280 | 3,320 | 3,363 | 3,405 | 3,446 | 1.3% |
| % | 1.0% | 1.2% | 1.3% | 1.3% | 1.2% | |
| PEPCO | 8,123 | 8,224 | 8,361 | 8,458 | 8,560 | 1.4% |
| % | 1.1% | 1.2% | 1.7% | 1.2% | 1.2% | |
| PL | 8,432 | 8,553 | 8,679 | 8,802 | 8,941 | 1.5% |
| % | 1.2% | 1.4% | 1.5% | 1.4% | 1.6% | |
| PS | 12,594 | 12,757 | 12,941 | 13,128 | 13,321 | 1.4% |
| % | 1.2% | 1.3% | 1.4% | 1.4% | 1.5% | |
| RECO | 448 | 451 | 454 | 457 | 460 | 0.6% |
| % | 0.2% | 0.8% | 0.7% | 0.7% | 0.6% | |
| UGI | 225 | 228 | 231 | 234 | 237 | 1.3% |
| % | 1.1% | 1.2% | 1.4% | 1.3% | 1.4% | |
| DIVERSITY (-) | 667 | 676 | 687 | 697 | 708 | 1.5% |
| PJM MID-ATLANTIC | 70,300 | 71,296 | 72,398 | 73,448 | 74,575 | 1.5% |
| % | 1.2% | 1.4% | 1.5% | 1.4% | 1.5% | |
| FE/GPU | 14,329 | 14,564 | 14,808 | 15,056 | 15,333 | 1.7% |
| % | 1.4% | 1.6% | 1.7% | 1.7% | 1.8% | |
| PLGRP | 8,653 | 8,776 | 8,905 | 9,032 | 9,174 | 1.5% |
| % | 1.2% | 1.4% | 1.5% | 1.4% | 1.6% | |

Note:

Normal 2006 and all forecast values are non-coincident as estimated by PJM staff.

Normal 2006 and all forecast values represent unrestricted peaks.

Forecasted and weather-normalized values for FE/GPU and PLGRP are calculated as the diversified sum of zonal non-coincident values.

Table B-1

**SUMMER PEAK LOAD (MW) AND GROWTH RATES FOR
EACH PJM WESTERN AND PJM SOUTHERN GEOGRAPHIC ZONE AND SUM OF GEOGRAPHIC ZONES
2007-2017**

| | METERED 2006 | UNRESTRICTED 2006 | NORMAL 2006 | 2007 | 2008 | 2009 | 2010 | 2011 | 2012 | 2013 | 2014 | 2015 | 2016 | 2017 | Annual Growth Rate (10 yr) |
|---------------|------------------------|-----------------------------|-----------------------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---|
| AEP | 24,610 | 24,839 | 23,590 | 24,206 | 24,542 | 24,895 | 25,244 | 25,544 | 25,856 | 26,179 | 26,488 | 26,803 | 27,129 | 27,464 | 1.3% |
| % | | | | 2.6% | 1.4% | 1.4% | 1.4% | 1.2% | 1.2% | 1.2% | 1.2% | 1.2% | 1.2% | 1.2% | |
| APS | 8,734 | 8,734 | 8,550 | 8,630 | 8,762 | 8,858 | 8,938 | 9,014 | 9,078 | 9,142 | 9,214 | 9,290 | 9,350 | 9,427 | 0.9% |
| % | | | | 0.9% | 1.5% | 1.1% | 0.9% | 0.9% | 0.7% | 0.7% | 0.8% | 0.8% | 0.6% | 0.8% | |
| COMED | 23,613 | 23,995 | 23,100 | 23,076 | 23,738 | 24,304 | 24,804 | 25,332 | 25,687 | 26,270 | 26,771 | 27,269 | 27,712 | 28,159 | 2.0% |
| % | | | | -0.1% | 2.9% | 2.4% | 2.1% | 2.1% | 1.4% | 2.3% | 1.9% | 1.9% | 1.6% | 1.6% | |
| DAY | 3,703 | 3,693 | 3,520 | 3,524 | 3,586 | 3,639 | 3,690 | 3,741 | 3,785 | 3,836 | 3,882 | 3,934 | 3,983 | 4,035 | 1.4% |
| % | | | | 0.1% | 1.8% | 1.5% | 1.4% | 1.4% | 1.2% | 1.4% | 1.2% | 1.3% | 1.3% | 1.3% | |
| DLCO | 3,053 | 3,053 | 2,980 | 2,949 | 2,990 | 3,026 | 3,058 | 3,090 | 3,116 | 3,149 | 3,182 | 3,217 | 3,248 | 3,282 | 1.1% |
| % | | | | -1.0% | 1.4% | 1.2% | 1.1% | 1.0% | 0.9% | 1.1% | 1.0% | 1.1% | 1.0% | 1.0% | |
| DIVERSITY (-) | | | | 1,504 | 1,534 | 1,560 | 1,585 | 1,608 | 1,628 | 1,653 | 1,676 | 1,700 | 1,722 | 1,744 | 1.5% |
| PJM WESTERN | 63,490 | 64,227 | | 60,881 | 62,084 | 63,162 | 64,149 | 65,112 | 65,895 | 66,923 | 67,860 | 68,812 | 69,700 | 70,622 | 1.5% |
| % | | | | | 2.0% | 1.7% | 1.6% | 1.5% | 1.2% | 1.6% | 1.4% | 1.4% | 1.3% | 1.3% | |
| DOM | 19,375 | 19,375 | 18,990 | 19,167 | 19,583 | 19,956 | 20,347 | 20,746 | 21,110 | 21,519 | 21,923 | 22,334 | 22,769 | 23,222 | 1.9% |
| % | | | | 0.9% | 2.2% | 1.9% | 2.0% | 2.0% | 1.8% | 1.9% | 1.9% | 1.9% | 1.9% | 2.0% | |
| DIVERSITY (-) | | | | 2,807 | 3,145 | 3,294 | 3,311 | 3,341 | 2,956 | 3,203 | 3,261 | 3,400 | 3,511 | 3,469 | |
| PJM RTO | 144,644 | 145,951 | 136,200 | 136,961 | 139,342 | 141,710 | 144,082 | 146,404 | 148,687 | 150,866 | 153,081 | 155,290 | 157,450 | 159,822 | 1.6% |
| % | | | | 0.6% | 1.7% | 1.7% | 1.7% | 1.7% | 1.6% | 1.6% | 1.5% | 1.4% | 1.4% | 1.5% | |

Note:

Normal 2006 and all forecast values are non-coincident as estimated by PJM staff.

Normal 2006 and all forecast values represent unrestricted peaks.

Table B-1 (Continued)

**SUMMER PEAK LOAD (MW) AND GROWTH RATES FOR
EACH PJM WESTERN AND PJM SOUTHERN GEOGRAPHIC ZONE AND SUM OF GEOGRAPHIC ZONES
2018-2022**

| | | | | | | Annual Growth Rate (15 yr) |
|---------------|---------|---------|---------|---------|---------|----------------------------------|
| | 2018 | 2019 | 2020 | 2021 | 2022 | |
| AEP | 27,755 | 28,055 | 28,385 | 28,701 | 29,022 | 1.2% |
| % | 1.1% | 1.1% | 1.2% | 1.1% | 1.1% | |
| APS | 9,496 | 9,564 | 9,666 | 9,746 | 9,817 | 0.9% |
| % | 0.7% | 0.7% | 1.1% | 0.8% | 0.7% | |
| COMED | 28,522 | 28,965 | 29,427 | 29,852 | 30,276 | 1.8% |
| % | 1.3% | 1.6% | 1.6% | 1.4% | 1.4% | |
| DAY | 4,077 | 4,128 | 4,180 | 4,233 | 4,286 | 1.3% |
| % | 1.0% | 1.3% | 1.3% | 1.3% | 1.3% | |
| DLCO | 3,317 | 3,352 | 3,392 | 3,429 | 3,466 | 1.1% |
| % | 1.1% | 1.0% | 1.2% | 1.1% | 1.1% | |
| DIVERSITY (-) | 1,764 | 1,785 | 1,809 | 1,831 | 1,853 | 1.4% |
| PJM WESTERN | 71,403 | 72,280 | 73,240 | 74,130 | 75,013 | 1.4% |
| % | 1.1% | 1.2% | 1.3% | 1.2% | 1.2% | |
| DOM | 23,619 | 24,042 | 24,478 | 24,868 | 25,320 | 1.9% |
| % | 1.7% | 1.8% | 1.8% | 1.6% | 1.8% | |
| DIVERSITY (-) | 3,298 | 3,263 | 3,500 | 3,545 | 3,613 | |
| PJM RTO | 162,024 | 164,355 | 166,616 | 168,900 | 171,295 | 1.5% |
| % | 1.4% | 1.4% | 1.4% | 1.4% | 1.4% | |

Note:

Normal 2006 and all forecast values are non-coincident as estimated by PJM staff.

Normal 2006 and all forecast values represent unrestricted peaks.

Table B-2 (Continued)

**WINTER PEAK LOAD (MW) AND GROWTH RATES FOR
EACH PJM MID-ATLANTIC GEOGRAPHIC ZONE AND SUM OF GEOGRAPHIC ZONES
2017/18-2021/22**

| | | | | | Annual Growth Rate | | |
|------------------|---|--------|--------|--------|-----------------------|--------|---------|
| | | 17/18 | 18/19 | 19/20 | 20/21 | 21/22 | (15 yr) |
| AE | | 2,095 | 2,126 | 2,141 | 2,171 | 2,205 | 1.3% |
| | % | 1.1% | 1.5% | 0.7% | 1.4% | 1.6% | |
| BGE | | 6,507 | 6,550 | 6,577 | 6,635 | 6,687 | 0.7% |
| | % | 0.5% | 0.7% | 0.4% | 0.9% | 0.8% | |
| DPL | | 3,916 | 3,969 | 4,022 | 4,087 | 4,153 | 1.4% |
| | % | 1.4% | 1.3% | 1.3% | 1.6% | 1.6% | |
| JCPL | | 4,684 | 4,752 | 4,798 | 4,885 | 4,969 | 1.5% |
| | % | 1.2% | 1.5% | 1.0% | 1.8% | 1.7% | |
| METED | | 2,917 | 2,951 | 2,975 | 3,015 | 3,059 | 1.2% |
| | % | 1.1% | 1.2% | 0.8% | 1.3% | 1.5% | |
| PECO | | 7,395 | 7,473 | 7,539 | 7,636 | 7,741 | 1.1% |
| | % | 1.0% | 1.1% | 0.9% | 1.3% | 1.4% | |
| PENLC | | 3,179 | 3,211 | 3,230 | 3,267 | 3,309 | 1.1% |
| | % | 0.8% | 1.0% | 0.6% | 1.1% | 1.3% | |
| PEPCO | | 6,110 | 6,174 | 6,236 | 6,304 | 6,374 | 1.1% |
| | % | 1.0% | 1.0% | 1.0% | 1.1% | 1.1% | |
| PL | | 7,855 | 7,918 | 7,968 | 8,051 | 8,129 | 0.8% |
| | % | 0.8% | 0.8% | 0.6% | 1.0% | 1.0% | |
| PS | | 8,057 | 8,149 | 8,212 | 8,327 | 8,445 | 1.2% |
| | % | 1.1% | 1.1% | 0.8% | 1.4% | 1.4% | |
| RECO | | 247 | 248 | 249 | 250 | 252 | 0.5% |
| | % | 0.5% | 0.5% | 0.5% | 0.5% | 0.5% | |
| UGI | | 221 | 223 | 225 | 227 | 230 | 0.9% |
| | % | 0.8% | 0.9% | 0.7% | 1.1% | 1.1% | |
| DIVERSITY (-) | | 828 | 851 | 819 | 853 | 885 | 1.5% |
| PJM MID-ATLANTIC | | 52,355 | 52,894 | 53,353 | 54,002 | 54,668 | 1.1% |
| | % | 1.0% | 1.0% | 0.9% | 1.2% | 1.2% | |
| FE/GPU | | 10,690 | 10,815 | 10,929 | 11,078 | 11,231 | 1.3% |
| | % | 1.3% | 1.2% | 1.0% | 1.4% | 1.4% | |
| PLGRP | | 8,072 | 8,137 | 8,188 | 8,274 | 8,354 | 0.8% |
| | % | 0.8% | 0.8% | 0.6% | 1.0% | 1.0% | |

Note:

Normal 05/06 and all forecast values are non-coincident as estimated by PJM staff.

Normal 05/06 and all forecast values represent unrestricted peaks.

Forecasted values for PLGRP and FE/GPU are calculated as the diversified sum of zonal non-coincident forecasts.

Table B-2

**WINTER PEAK LOAD (MW) AND GROWTH RATES FOR
EACH PJM WESTERN AND PJM SOUTHERN GEOGRAPHIC ZONE AND SUM OF GEOGRAPHIC ZONES
2006/07-2016/17**

| | METERED 05/06 | UNRESTRICTED 05/06 | 06/07 | 07/08 | 08/09 | 09/10 | 10/11 | 11/12 | 12/13 | 13/14 | 14/15 | 15/16 | 16/17 | Annual Growth Rate (10 yr) |
|---------------|------------------|-----------------------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|----------------------------------|
| AEP | 22,367 | 22,367 | 22,910 | 23,064 | 23,153 | 23,380 | 23,616 | 23,824 | 23,971 | 24,015 | 24,208 | 24,392 | 24,659 | 0.7% |
| % | | | | 0.7% | 0.4% | 1.0% | 1.0% | 0.9% | 0.6% | 0.2% | 0.8% | 0.8% | 1.1% | |
| APS | 8,410 | 8,410 | 8,499 | 8,544 | 8,594 | 8,662 | 8,748 | 8,800 | 8,852 | 8,893 | 8,943 | 9,000 | 9,077 | 0.7% |
| % | | | | 0.5% | 0.6% | 0.8% | 1.0% | 0.6% | 0.6% | 0.5% | 0.6% | 0.6% | 0.9% | |
| COMED | 16,081 | 16,081 | 15,869 | 16,151 | 16,378 | 16,658 | 17,050 | 17,365 | 17,629 | 17,767 | 18,050 | 18,328 | 18,719 | 1.7% |
| % | | | | 1.8% | 1.4% | 1.7% | 2.4% | 1.8% | 1.5% | 0.8% | 1.6% | 1.5% | 2.1% | |
| DAY | 2,968 | 2,968 | 3,018 | 3,048 | 3,064 | 3,094 | 3,136 | 3,172 | 3,197 | 3,208 | 3,235 | 3,266 | 3,314 | 0.9% |
| % | | | | 1.0% | 0.5% | 1.0% | 1.3% | 1.2% | 0.8% | 0.3% | 0.9% | 0.9% | 1.5% | |
| DLCO | 2,175 | 2,175 | 2,145 | 2,159 | 2,150 | 2,160 | 2,181 | 2,200 | 2,208 | 2,198 | 2,209 | 2,221 | 2,252 | 0.5% |
| % | | | | 0.7% | -0.4% | 0.5% | 0.9% | 0.9% | 0.4% | -0.5% | 0.5% | 0.5% | 1.4% | |
| DIVERSITY (-) | | | | 1,344 | 1,422 | 1,375 | 1,390 | 1,498 | 1,576 | 1,611 | 1,484 | 1,532 | 1,554 | 1.5% |
| PJM WESTERN | 50,986 | 50,986 | 51,098 | 51,544 | 51,964 | 52,564 | 53,232 | 53,786 | 54,245 | 54,596 | 55,112 | 55,653 | 56,454 | 1.0% |
| % | | | | 0.9% | 0.8% | 1.2% | 1.3% | 1.0% | 0.9% | 0.6% | 0.9% | 1.0% | 1.4% | |
| DOM | 15,435 | 15,435 | 16,640 | 16,890 | 17,101 | 17,359 | 17,638 | 17,885 | 18,132 | 18,353 | 18,594 | 18,903 | 19,177 | 1.4% |
| % | | | | 1.5% | 1.2% | 1.5% | 1.6% | 1.4% | 1.4% | 1.2% | 1.3% | 1.7% | 1.5% | |
| DIVERSITY (-) | | | | 1,151 | 1,150 | 934 | 996 | 1,159 | 1,159 | 1,134 | 977 | 966 | 1,078 | 1,312 |
| PJM RTO | 110,415 | 110,415 | 112,958 | 114,178 | 115,484 | 116,884 | 118,330 | 119,703 | 120,916 | 122,031 | 123,342 | 124,664 | 126,135 | 1.1% |
| % | | | | 1.1% | 1.1% | 1.2% | 1.2% | 1.2% | 1.0% | 0.9% | 1.1% | 1.1% | 1.2% | |

Note:

Normal 05/06 and all forecast values are non-coincident as estimated by PJM staff.

Normal 05/06 and all forecast values represent unrestricted peaks.

Table B-2 (Continued)

**WINTER PEAK LOAD (MW) AND GROWTH RATES FOR
EACH PJM WESTERN AND PJM SOUTHERN GEOGRAPHIC ZONE AND SUM OF GEOGRAPHIC ZONES
2017/18-2021/22**

| | | | | | Annual Growth Rate (15 yr) | |
|---------------|---------|---------|---------|---------|----------------------------------|------|
| | 17/18 | 18/19 | 19/20 | 20/21 | 21/22 | |
| AEP | 24,828 | 24,989 | 25,038 | 25,249 | 25,483 | 0.7% |
| | % | 0.7% | 0.7% | 0.2% | 0.8% | 0.9% |
| APS | 9,128 | 9,180 | 9,233 | 9,300 | 9,374 | 0.7% |
| | % | 0.6% | 0.6% | 0.6% | 0.7% | 0.8% |
| COMED | 18,939 | 19,209 | 19,328 | 19,575 | 19,916 | 1.5% |
| | % | 1.2% | 1.4% | 0.6% | 1.3% | 1.7% |
| DAY | 3,340 | 3,369 | 3,380 | 3,412 | 3,455 | 0.9% |
| | % | 0.8% | 0.9% | 0.3% | 1.0% | 1.3% |
| DLCO | 2,258 | 2,274 | 2,265 | 2,279 | 2,300 | 0.5% |
| | % | 0.3% | 0.7% | -0.4% | 0.6% | 0.9% |
| DIVERSITY (-) | 1,698 | 1,666 | 1,687 | 1,691 | 1,633 | 1.3% |
| PJM WESTERN | 56,793 | 57,356 | 57,557 | 58,125 | 58,895 | 1.0% |
| | % | 0.6% | 1.0% | 0.4% | 1.0% | 1.3% |
| DOM | 19,444 | 19,733 | 19,961 | 20,245 | 20,522 | 1.4% |
| | % | 1.4% | 1.5% | 1.2% | 1.4% | 1.4% |
| DIVERSITY (-) | 1,203 | 1,311 | 1,070 | 1,184 | 1,399 | |
| PJM RTO | 127,389 | 128,672 | 129,801 | 131,188 | 132,686 | 1.1% |
| | % | 1.0% | 1.0% | 0.9% | 1.1% | 1.1% |

Note:

Normal 05/06 and all forecast values are non-coincident as estimated by PJM staff.

Normal 05/06 and all forecast values represent unrestricted peaks.

Table B-3

**SPRING (APRIL) PEAK LOAD (MW) AND GROWTH RATES FOR
EACH PJM MID-ATLANTIC GEOGRAPHIC ZONE AND SUM OF GEOGRAPHIC ZONES
2007-2022**

| | 2007 | 2008 | 2009 | 2010 | 2011 | 2012 | 2013 | 2014 | 2015 | 2016 | 2017 | 2018 | 2019 | 2020 | 2021 | 2022 |
|------------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|
| AE | 1,553 | 1,573 | 1,613 | 1,646 | 1,684 | 1,732 | 1,767 | 1,796 | 1,831 | 1,867 | 1,901 | 1,939 | 1,968 | 1,991 | 2,035 | 2,080 |
| BGE | 4,922 | 4,967 | 5,040 | 5,114 | 5,126 | 5,165 | 5,221 | 5,266 | 5,316 | 5,334 | 5,365 | 5,433 | 5,529 | 5,581 | 5,634 | 5,667 |
| DPL | 2,711 | 2,753 | 2,809 | 2,855 | 2,871 | 2,911 | 2,961 | 3,019 | 3,065 | 3,106 | 3,129 | 3,196 | 3,244 | 3,313 | 3,370 | 3,408 |
| JCPL | 3,381 | 3,437 | 3,508 | 3,578 | 3,649 | 3,709 | 3,773 | 3,873 | 3,941 | 3,994 | 4,072 | 4,150 | 4,224 | 4,353 | 4,451 | 4,494 |
| METED | 2,234 | 2,253 | 2,287 | 2,331 | 2,337 | 2,385 | 2,418 | 2,423 | 2,447 | 2,489 | 2,514 | 2,558 | 2,585 | 2,604 | 2,658 | 2,672 |
| PECO | 5,627 | 5,713 | 5,863 | 5,921 | 5,931 | 5,996 | 6,092 | 6,172 | 6,315 | 6,326 | 6,368 | 6,478 | 6,569 | 6,724 | 6,825 | 6,826 |
| PENLC | 2,477 | 2,498 | 2,541 | 2,574 | 2,609 | 2,652 | 2,681 | 2,711 | 2,742 | 2,777 | 2,807 | 2,841 | 2,870 | 2,895 | 2,935 | 2,968 |
| PEPCO | 4,510 | 4,586 | 4,661 | 4,763 | 4,774 | 4,812 | 4,876 | 4,949 | 5,002 | 5,064 | 5,095 | 5,156 | 5,210 | 5,287 | 5,429 | 5,412 |
| PL | 5,874 | 5,914 | 5,991 | 6,074 | 6,150 | 6,253 | 6,325 | 6,394 | 6,443 | 6,523 | 6,596 | 6,717 | 6,804 | 6,847 | 6,941 | 7,029 |
| PS | 6,381 | 6,483 | 6,611 | 6,708 | 6,779 | 6,861 | 6,987 | 7,077 | 7,191 | 7,292 | 7,362 | 7,481 | 7,584 | 7,701 | 7,828 | 7,950 |
| RECO | 210 | 208 | 209 | 207 | 204 | 201 | 200 | 201 | 202 | 198 | 195 | 195 | 193 | 196 | 195 | 192 |
| UGI | 157 | 159 | 161 | 162 | 164 | 167 | 169 | 170 | 172 | 174 | 175 | 178 | 181 | 182 | 185 | 187 |
| DIVERSITY (-) | 1,305 | 1,322 | 1,346 | 1,367 | 1,378 | 1,397 | 1,417 | 1,436 | 1,456 | 1,472 | 1,486 | 1,510 | 1,531 | 1,554 | 1,581 | 1,594 |
| PJM MID-ATLANTIC | 38,730 | 39,223 | 39,947 | 40,566 | 40,899 | 41,448 | 42,052 | 42,614 | 43,209 | 43,672 | 44,093 | 44,813 | 45,429 | 46,119 | 46,904 | 47,292 |
| FE/GPU | 7,877 | 7,972 | 8,116 | 8,259 | 8,367 | 8,514 | 8,637 | 8,769 | 8,888 | 9,015 | 9,144 | 9,296 | 9,423 | 9,591 | 9,779 | 9,866 |
| PLGRP | 6,029 | 6,070 | 6,149 | 6,234 | 6,311 | 6,417 | 6,492 | 6,561 | 6,612 | 6,694 | 6,769 | 6,893 | 6,982 | 7,027 | 7,123 | 7,213 |

Table B-3
SPRING (APRIL) PEAK LOAD (MW) AND GROWTH RATES FOR
EACH PJM WESTERN AND PJM SOUTHERN GEOGRAPHIC ZONE AND SUM OF GEOGRAPHIC ZONES
2007-2022

| | 2007 | 2008 | 2009 | 2010 | 2011 | 2012 | 2013 | 2014 | 2015 | 2016 | 2017 | 2018 | 2019 | 2020 | 2021 | 2022 |
|---------------|--------|--------|--------|--------|--------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| AEP | 19,486 | 19,647 | 19,882 | 20,166 | 20,408 | 20,621 | 20,739 | 20,936 | 21,144 | 21,280 | 21,368 | 21,620 | 21,837 | 22,029 | 22,215 | 22,290 |
| APS | 6,997 | 7,007 | 7,044 | 7,092 | 7,136 | 7,201 | 7,267 | 7,286 | 7,304 | 7,359 | 7,400 | 7,459 | 7,517 | 7,534 | 7,591 | 7,637 |
| COMED | 14,093 | 14,464 | 14,945 | 15,292 | 15,487 | 15,891 | 16,265 | 16,525 | 16,884 | 17,196 | 17,430 | 17,877 | 18,318 | 18,428 | 18,895 | 19,147 |
| DAY | 2,619 | 2,645 | 2,689 | 2,710 | 2,739 | 2,776 | 2,808 | 2,835 | 2,869 | 2,901 | 2,928 | 2,969 | 3,014 | 3,043 | 3,085 | 3,102 |
| DLCO | 1,999 | 2,007 | 2,060 | 2,082 | 2,071 | 2,092 | 2,117 | 2,134 | 2,187 | 2,173 | 2,150 | 2,217 | 2,243 | 2,296 | 2,327 | 2,315 |
| DIVERSITY (-) | 1,106 | 1,120 | 1,141 | 1,158 | 1,171 | 1,189 | 1,204 | 1,216 | 1,233 | 1,246 | 1,255 | 1,276 | 1,295 | 1,305 | 1,324 | 1,333 |
| PJM WESTERN | 44,089 | 44,649 | 45,479 | 46,184 | 46,671 | 47,392 | 47,992 | 48,499 | 49,155 | 49,664 | 50,022 | 50,865 | 51,634 | 52,026 | 52,789 | 53,157 |
| DOM | 13,192 | 13,468 | 13,777 | 13,996 | 14,186 | 14,375 | 14,664 | 14,956 | 15,245 | 15,511 | 15,695 | 16,050 | 16,350 | 16,631 | 16,930 | 17,177 |
| DIVERSITY (-) | 2,747 | 2,520 | 2,996 | 3,105 | 2,594 | 2,745 | 2,476 | 2,463 | 2,724 | 2,595 | 2,385 | 2,732 | 2,656 | 2,833 | 3,438 | 2,990 |
| PJM RTO | 93,264 | 94,820 | 96,207 | 97,641 | 99,163 | 100,469 | 102,232 | 103,605 | 104,885 | 106,252 | 107,424 | 108,996 | 110,758 | 111,944 | 113,185 | 114,636 |

Table B-4

**FALL (OCTOBER) PEAK LOAD (MW) AND GROWTH RATES FOR
EACH PJM MID-ATLANTIC GEOGRAPHIC ZONE AND SUM OF GEOGRAPHIC ZONES
2007-2022**

| | 2007 | 2008 | 2009 | 2010 | 2011 | 2012 | 2013 | 2014 | 2015 | 2016 | 2017 | 2018 | 2019 | 2020 | 2021 | 2022 |
|------------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|
| AE | 1,633 | 1,663 | 1,707 | 1,743 | 1,790 | 1,854 | 1,894 | 1,932 | 1,975 | 2,000 | 2,051 | 2,108 | 2,147 | 2,183 | 2,214 | 2,257 |
| BGE | 4,763 | 4,808 | 4,858 | 4,891 | 4,960 | 5,094 | 5,120 | 5,150 | 5,178 | 5,183 | 5,296 | 5,408 | 5,451 | 5,459 | 5,471 | 5,530 |
| DPL | 2,638 | 2,684 | 2,725 | 2,761 | 2,817 | 2,889 | 2,940 | 2,987 | 3,031 | 3,068 | 3,136 | 3,207 | 3,263 | 3,308 | 3,362 | 3,424 |
| JCPL | 3,548 | 3,634 | 3,703 | 3,758 | 3,843 | 4,001 | 4,086 | 4,168 | 4,245 | 4,272 | 4,397 | 4,538 | 4,637 | 4,710 | 4,771 | 4,865 |
| METED | 2,135 | 2,167 | 2,196 | 2,218 | 2,262 | 2,313 | 2,342 | 2,371 | 2,397 | 2,417 | 2,460 | 2,508 | 2,542 | 2,566 | 2,587 | 2,628 |
| PECO | 5,677 | 5,754 | 5,833 | 5,893 | 5,957 | 6,147 | 6,226 | 6,313 | 6,400 | 6,411 | 6,575 | 6,719 | 6,811 | 6,885 | 6,940 | 7,025 |
| PENLC | 2,483 | 2,499 | 2,529 | 2,554 | 2,605 | 2,657 | 2,687 | 2,712 | 2,739 | 2,766 | 2,807 | 2,851 | 2,887 | 2,900 | 2,924 | 2,964 |
| PEPCO | 4,689 | 4,756 | 4,813 | 4,856 | 4,884 | 5,043 | 5,101 | 5,161 | 5,217 | 5,200 | 5,323 | 5,432 | 5,487 | 5,543 | 5,585 | 5,605 |
| PL | 5,607 | 5,668 | 5,725 | 5,790 | 5,882 | 5,986 | 6,038 | 6,101 | 6,147 | 6,194 | 6,295 | 6,406 | 6,481 | 6,525 | 6,577 | 6,679 |
| PS | 6,901 | 6,999 | 7,055 | 7,119 | 7,183 | 7,447 | 7,548 | 7,647 | 7,717 | 7,730 | 7,905 | 8,093 | 8,201 | 8,276 | 8,359 | 8,422 |
| RECO | 237 | 235 | 233 | 229 | 226 | 233 | 232 | 231 | 230 | 222 | 228 | 229 | 228 | 226 | 221 | 217 |
| UGI | 154 | 157 | 158 | 159 | 163 | 165 | 167 | 167 | 169 | 171 | 174 | 177 | 178 | 179 | 181 | 184 |
| DIVERSITY (-) | 916 | 929 | 940 | 950 | 964 | 992 | 1,005 | 1,017 | 1,029 | 1,033 | 1,056 | 1,079 | 1,094 | 1,104 | 1,114 | 1,127 |
| PJM MID-ATLANTIC | 39,548 | 40,095 | 40,597 | 41,021 | 41,607 | 42,836 | 43,376 | 43,921 | 44,415 | 44,600 | 45,591 | 46,597 | 47,221 | 47,655 | 48,077 | 48,671 |
| FE/GPU | 8,020 | 8,152 | 8,277 | 8,377 | 8,555 | 8,810 | 8,952 | 9,085 | 9,212 | 9,286 | 9,491 | 9,720 | 9,886 | 9,994 | 10,098 | 10,269 |
| PLGRP | 5,758 | 5,821 | 5,880 | 5,946 | 6,041 | 6,147 | 6,201 | 6,265 | 6,312 | 6,362 | 6,465 | 6,580 | 6,656 | 6,701 | 6,754 | 6,859 |

Table B-4

**FALL (OCTOBER) PEAK LOAD (MW) AND GROWTH RATES FOR
EACH PJM WESTERN AND PJM SOUTHERN GEOGRAPHIC ZONE AND SUM OF GEOGRAPHIC ZONES
2007-2022**

| | 2007 | 2008 | 2009 | 2010 | 2011 | 2012 | 2013 | 2014 | 2015 | 2016 | 2017 | 2018 | 2019 | 2020 | 2021 | 2022 |
|---------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|
| AEP | 18,863 | 19,054 | 19,227 | 19,356 | 19,634 | 19,987 | 20,192 | 20,384 | 20,537 | 20,651 | 20,923 | 21,257 | 21,456 | 21,568 | 21,684 | 21,888 |
| APS | 6,709 | 6,752 | 6,778 | 6,820 | 6,893 | 6,952 | 7,010 | 7,033 | 7,059 | 7,090 | 7,149 | 7,223 | 7,297 | 7,297 | 7,325 | 7,386 |
| COMED | 14,216 | 14,578 | 14,947 | 15,309 | 15,687 | 16,229 | 16,593 | 16,923 | 17,281 | 17,493 | 17,894 | 18,392 | 18,701 | 18,957 | 19,212 | 19,492 |
| DAY | 2,547 | 2,582 | 2,612 | 2,634 | 2,674 | 2,726 | 2,758 | 2,788 | 2,819 | 2,841 | 2,884 | 2,938 | 2,972 | 2,998 | 3,022 | 3,060 |
| DLCO | 1,963 | 1,976 | 1,992 | 2,003 | 2,021 | 2,072 | 2,088 | 2,101 | 2,118 | 2,122 | 2,155 | 2,204 | 2,228 | 2,231 | 2,243 | 2,259 |
| DIVERSITY (-) | 1,181 | 1,198 | 1,214 | 1,229 | 1,250 | 1,279 | 1,297 | 1,312 | 1,328 | 1,338 | 1,360 | 1,386 | 1,404 | 1,414 | 1,426 | 1,442 |
| PJM WESTERN | 43,117 | 43,744 | 44,341 | 44,893 | 45,657 | 46,687 | 47,344 | 47,917 | 48,487 | 48,858 | 49,646 | 50,627 | 51,251 | 51,637 | 52,060 | 52,643 |
| DOM | 13,431 | 13,605 | 13,800 | 13,903 | 14,219 | 14,712 | 14,962 | 15,209 | 15,414 | 15,594 | 16,064 | 16,410 | 16,684 | 16,918 | 17,121 | 17,426 |
| DIVERSITY (-) | 1,714 | 1,596 | 1,598 | 1,469 | 1,840 | 1,947 | 2,012 | 2,095 | 2,026 | 2,349 | 2,117 | 2,275 | 2,228 | 2,318 | 2,718 | 3,031 |
| PJM RTO | 94,382 | 95,848 | 97,140 | 98,348 | 99,643 | 102,288 | 103,670 | 104,952 | 106,290 | 106,704 | 109,184 | 111,360 | 112,927 | 113,892 | 114,540 | 115,709 |

Table B-6**MONTHLY PEAK FORECAST (MW)
FOR FE/GPU AND PLGRP**

| | FE/GPU | PLGRP |
|----------|---------------|--------------|
| Jan 2007 | 9,251 | 7,360 |
| Feb 2007 | 8,926 | 7,128 |
| Mar 2007 | 8,410 | 6,500 |
| Apr 2007 | 7,877 | 6,029 |
| May 2007 | 9,008 | 6,036 |
| Jun 2007 | 11,082 | 6,972 |
| Jul 2007 | 11,881 | 7,387 |
| Aug 2007 | 11,175 | 7,116 |
| Sep 2007 | 9,891 | 6,415 |
| Oct 2007 | 8,020 | 5,758 |
| Nov 2007 | 8,337 | 6,247 |
| Dec 2007 | 9,292 | 7,075 |
| | FE/GPU | PLGRP |
| Jan 2008 | 9,379 | 7,420 |
| Feb 2008 | 9,045 | 7,163 |
| Mar 2008 | 8,491 | 6,522 |
| Apr 2008 | 7,972 | 6,070 |
| May 2008 | 9,123 | 6,073 |
| Jun 2008 | 11,206 | 7,060 |
| Jul 2008 | 12,117 | 7,512 |
| Aug 2008 | 11,318 | 7,192 |
| Sep 2008 | 10,134 | 6,574 |
| Oct 2008 | 8,152 | 5,821 |
| Nov 2008 | 8,376 | 6,270 |
| Dec 2008 | 9,358 | 7,127 |
| | FE/GPU | PLGRP |
| Jan 2009 | 9,482 | 7,470 |
| Feb 2009 | 9,145 | 7,223 |
| Mar 2009 | 8,644 | 6,614 |
| Apr 2009 | 8,116 | 6,149 |
| May 2009 | 9,300 | 6,160 |
| Jun 2009 | 11,485 | 7,200 |
| Jul 2009 | 12,362 | 7,638 |
| Aug 2009 | 11,549 | 7,316 |
| Sep 2009 | 10,399 | 6,712 |
| Oct 2009 | 8,277 | 5,880 |
| Nov 2009 | 8,561 | 6,361 |
| Dec 2009 | 9,523 | 7,222 |

TABLE C-1
PJM LOAD DELIVERABILITY AREAS
CENTRAL MID-ATLANTIC: BGE, METED, PEPCO, PL AND UGI 50/50 SEASONAL PEAKS - MW

| YEAR | SPRING (WK 14-19) | SUMMER (WK 20-39) | FALL (WK 40-45) | WINTER (WK 46-13) |
|-------------|------------------------------|------------------------------|----------------------------|------------------------------|
| 2007 | 17,215 | 24,299 | 16,920 | 21,159 |
| 2008 | 17,392 | 24,751 | 17,123 | 21,364 |
| 2009 | 17,646 | 25,167 | 17,313 | 21,542 |
| 2010 | 17,944 | 25,542 | 17,473 | 21,787 |
| 2011 | 18,047 | 25,900 | 17,702 | 22,053 |
| 2012 | 18,271 | 26,171 | 18,141 | 22,277 |
| 2013 | 18,492 | 26,541 | 18,305 | 22,449 |
| 2014 | 18,679 | 26,878 | 18,482 | 22,573 |
| 2015 | 18,851 | 27,229 | 18,636 | 22,769 |
| 2016 | 19,051 | 27,536 | 18,693 | 22,999 |
| 2017 | 19,208 | 27,882 | 19,065 | 23,243 |
| 2018 | 19,498 | 28,187 | 19,440 | 23,431 |
| 2019 | 19,756 | 28,559 | 19,643 | 23,636 |
| 2020 | 19,944 | 28,979 | 19,772 | 23,799 |
| 2021 | 20,279 | 29,333 | 19,897 | 24,048 |
| 2022 | 20,397 | 29,723 | 20,117 | 24,293 |

TABLE C-2
PJM LOAD DELIVERABILITY AREAS
WESTERN MID-ATLANTIC: METED, PENLC, PL AND UGI 50/50 SEASONAL PEAKS - MW

| YEAR | SPRING (WK 14-19) | SUMMER (WK 20-39) | FALL (WK 40-45) | WINTER (WK 46-13) |
|-------------|------------------------------|------------------------------|----------------------------|------------------------------|
| 2007 | 10,585 | 12,987 | 10,267 | 12,667 |
| 2008 | 10,666 | 13,215 | 10,378 | 12,795 |
| 2009 | 10,820 | 13,448 | 10,494 | 12,895 |
| 2010 | 10,980 | 13,662 | 10,605 | 13,049 |
| 2011 | 11,096 | 13,877 | 10,794 | 13,216 |
| 2012 | 11,290 | 14,042 | 11,000 | 13,363 |
| 2013 | 11,424 | 14,244 | 11,112 | 13,479 |
| 2014 | 11,527 | 14,438 | 11,229 | 13,553 |
| 2015 | 11,631 | 14,649 | 11,327 | 13,687 |
| 2016 | 11,789 | 14,853 | 11,424 | 13,834 |
| 2017 | 11,916 | 15,060 | 11,609 | 13,993 |
| 2018 | 12,115 | 15,233 | 11,813 | 14,122 |
| 2019 | 12,258 | 15,447 | 11,958 | 14,253 |
| 2020 | 12,346 | 15,675 | 12,038 | 14,347 |
| 2021 | 12,534 | 15,896 | 12,136 | 14,508 |
| 2022 | 12,670 | 16,136 | 12,320 | 14,675 |

TABLE C-3
PJM LOAD DELIVERABILITY AREAS
EASTERN MID-ATLANTIC: AE, DPL, JCPL, PECO, PS AND RECO 50/50 SEASONAL PEAKS - MW

| YEAR | SPRING (WK 14-19) | SUMMER (WK 20-39) | FALL (WK 40-45) | WINTER (WK 46-13) |
|-------------|------------------------------|------------------------------|----------------------------|------------------------------|
| 2007 | 19,357 | 32,781 | 20,344 | 22,730 |
| 2008 | 19,654 | 33,383 | 20,674 | 23,017 |
| 2009 | 20,088 | 33,987 | 20,960 | 23,276 |
| 2010 | 20,382 | 34,579 | 21,201 | 23,599 |
| 2011 | 20,580 | 35,173 | 21,510 | 23,954 |
| 2012 | 20,866 | 35,624 | 22,254 | 24,264 |
| 2013 | 21,225 | 36,201 | 22,603 | 24,546 |
| 2014 | 21,575 | 36,760 | 22,950 | 24,792 |
| 2015 | 21,970 | 37,353 | 23,267 | 25,109 |
| 2016 | 22,203 | 37,956 | 23,369 | 25,432 |
| 2017 | 22,440 | 38,533 | 23,951 | 25,781 |
| 2018 | 22,842 | 39,052 | 24,544 | 26,102 |
| 2019 | 23,177 | 39,639 | 24,933 | 26,408 |
| 2020 | 23,659 | 40,281 | 25,228 | 26,688 |
| 2021 | 24,075 | 40,938 | 25,504 | 27,056 |
| 2022 | 24,315 | 41,639 | 25,841 | 27,439 |

TABLE C-4
PJM LOAD DELIVERABILITY AREAS
SOUTHERN MID-ATLANTIC: BGE AND PEPCO 50/50 SEASONAL PEAKS - MW

| YEAR | SPRING (WK 14-19) | SUMMER (WK 20-39) | FALL (WK 40-45) | WINTER (WK 46-13) |
|-------------|------------------------------|------------------------------|----------------------------|------------------------------|
| 2007 | 9,323 | 14,216 | 9,367 | 11,368 |
| 2008 | 9,443 | 14,491 | 9,477 | 11,481 |
| 2009 | 9,589 | 14,725 | 9,584 | 11,585 |
| 2010 | 9,763 | 14,934 | 9,660 | 11,716 |
| 2011 | 9,786 | 15,122 | 9,755 | 11,862 |
| 2012 | 9,862 | 15,260 | 10,045 | 11,982 |
| 2013 | 9,980 | 15,472 | 10,129 | 12,070 |
| 2014 | 10,096 | 15,656 | 10,217 | 12,138 |
| 2015 | 10,198 | 15,841 | 10,301 | 12,236 |
| 2016 | 10,278 | 15,986 | 10,289 | 12,355 |
| 2017 | 10,339 | 16,163 | 10,523 | 12,481 |
| 2018 | 10,467 | 16,328 | 10,743 | 12,574 |
| 2019 | 10,615 | 16,526 | 10,839 | 12,681 |
| 2020 | 10,743 | 16,763 | 10,902 | 12,769 |
| 2021 | 10,935 | 16,939 | 10,956 | 12,894 |
| 2022 | 10,951 | 17,131 | 11,034 | 13,016 |

TABLE C-5

PJM LOAD DELIVERABILITY AREAS

**MID-ATLANTIC and APS: AE, APS, BGE, DPL, JCPL, METED, PECO, PENLC, PEPCO, PL, PS, RECO, and UGI
50/50 SEASONAL PEAKS - MW**

| YEAR | SPRING (WK 14-19) | SUMMER (WK 20-39) | FALL (WK 40-45) | WINTER (WK 46-13) |
|-------------|------------------------------|------------------------------|----------------------------|------------------------------|
| 2007 | 45,200 | 68,068 | 45,839 | 54,681 |
| 2008 | 45,696 | 69,294 | 46,423 | 55,247 |
| 2009 | 46,449 | 70,453 | 46,946 | 55,755 |
| 2010 | 47,108 | 71,538 | 47,409 | 56,424 |
| 2011 | 47,481 | 72,601 | 48,061 | 57,169 |
| 2012 | 48,087 | 73,413 | 49,337 | 57,791 |
| 2013 | 48,750 | 74,460 | 49,930 | 58,324 |
| 2014 | 49,324 | 75,461 | 50,493 | 58,749 |
| 2015 | 49,929 | 76,517 | 51,009 | 59,340 |
| 2016 | 50,443 | 77,521 | 51,223 | 59,979 |
| 2017 | 50,898 | 78,549 | 52,263 | 60,684 |
| 2018 | 51,668 | 79,467 | 53,333 | 61,272 |
| 2019 | 52,335 | 80,527 | 54,025 | 61,861 |
| 2020 | 53,034 | 81,726 | 54,455 | 62,371 |
| 2021 | 53,866 | 82,851 | 54,901 | 63,085 |
| 2022 | 54,295 | 84,044 | 55,549 | 63,822 |

Table D-1

**SUMMER 90/10 PEAK LOAD (MW) FOR
EACH PJM MID-ATLANTIC GEOGRAPHIC ZONE AND SUM OF GEOGRAPHIC ZONES
2007-2022**

| | 2007 | 2008 | 2009 | 2010 | 2011 | 2012 | 2013 | 2014 | 2015 | 2016 | 2017 | 2018 | 2019 | 2020 | 2021 | 2022 |
|------------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|
| AE | 2,897 | 2,967 | 3,037 | 3,102 | 3,167 | 3,227 | 3,292 | 3,362 | 3,428 | 3,485 | 3,544 | 3,609 | 3,674 | 3,740 | 3,807 | 3,873 |
| BGE | 7,552 | 7,678 | 7,792 | 7,915 | 8,010 | 8,095 | 8,166 | 8,246 | 8,321 | 8,403 | 8,491 | 8,592 | 8,672 | 8,769 | 8,874 | 8,968 |
| DPL | 4,304 | 4,415 | 4,508 | 4,587 | 4,674 | 4,747 | 4,845 | 4,954 | 5,048 | 5,139 | 5,236 | 5,310 | 5,435 | 5,557 | 5,674 | 5,792 |
| JCPL | 6,653 | 6,817 | 6,936 | 7,077 | 7,218 | 7,345 | 7,476 | 7,685 | 7,800 | 7,942 | 8,101 | 8,237 | 8,407 | 8,581 | 8,757 | 8,910 |
| METED | 2,958 | 3,024 | 3,079 | 3,134 | 3,189 | 3,225 | 3,281 | 3,329 | 3,378 | 3,430 | 3,481 | 3,522 | 3,580 | 3,636 | 3,696 | 3,756 |
| PECO | 9,030 | 9,199 | 9,345 | 9,477 | 9,602 | 9,700 | 9,853 | 9,989 | 10,128 | 10,263 | 10,402 | 10,510 | 10,668 | 10,818 | 10,973 | 11,135 |
| PENLC | 2,916 | 2,960 | 3,008 | 3,053 | 3,096 | 3,138 | 3,173 | 3,218 | 3,262 | 3,300 | 3,334 | 3,375 | 3,410 | 3,458 | 3,500 | 3,542 |
| PEPCO | 7,351 | 7,473 | 7,593 | 7,712 | 7,828 | 7,929 | 8,040 | 8,152 | 8,265 | 8,367 | 8,478 | 8,574 | 8,693 | 8,805 | 8,921 | 9,038 |
| PL | 7,451 | 7,576 | 7,704 | 7,826 | 7,938 | 8,041 | 8,155 | 8,272 | 8,400 | 8,505 | 8,616 | 8,731 | 8,861 | 9,007 | 9,141 | 9,267 |
| PS | 11,197 | 11,407 | 11,591 | 11,774 | 11,952 | 12,060 | 12,245 | 12,446 | 12,624 | 12,804 | 12,984 | 13,102 | 13,310 | 13,515 | 13,717 | 13,925 |
| RECO | 445 | 453 | 456 | 460 | 463 | 460 | 467 | 471 | 475 | 478 | 481 | 478 | 485 | 490 | 494 | 497 |
| UGI | 203 | 206 | 208 | 211 | 214 | 216 | 219 | 222 | 225 | 227 | 230 | 233 | 237 | 240 | 243 | 246 |
| DIVERSITY (-) | 599 | 603 | 613 | 623 | 633 | 644 | 650 | 661 | 671 | 680 | 690 | 698 | 709 | 720 | 731 | 742 |
| PJM MID-ATLANTIC | 62,359 | 63,571 | 64,644 | 65,704 | 66,719 | 67,539 | 68,559 | 69,688 | 70,682 | 71,662 | 72,688 | 73,576 | 74,721 | 75,896 | 77,065 | 78,208 |
| FE/GPU | 12,386 | 12,664 | 12,884 | 13,122 | 13,359 | 13,558 | 13,780 | 14,081 | 14,286 | 14,515 | 14,757 | 14,973 | 15,233 | 15,508 | 15,784 | 16,036 |
| PLGRP | 7,650 | 7,778 | 7,908 | 8,033 | 8,148 | 8,254 | 8,369 | 8,490 | 8,620 | 8,728 | 8,842 | 8,960 | 9,093 | 9,242 | 9,379 | 9,508 |

TABLE E-1

**PJM RTO HISTORICAL PEAKS
(MW)**

SUMMER

| YEAR | NORMALIZED BASE | NORMALIZED COOLING | NORMALIZED TOTAL | UNRESTRICTED PEAK | PEAK DATE/TIME |
|-------------|------------------------|---------------------------|-------------------------|--------------------------|-----------------------|
| 1998 | 72,950 | 38,170 | 111,120 | 114,996 | 07/21/1998 17:00 |
| 1999 | 73,990 | 42,980 | 116,970 | 121,655 | 07/06/1999 17:00 |
| 2000 | 76,300 | 40,080 | 116,380 | 114,178 | 08/09/2000 17:00 |
| 2001 | 75,990 | 45,080 | 121,070 | 131,116 | 08/09/2001 16:00 |
| 2002 | 77,140 | 48,120 | 125,260 | 130,360 | 08/01/2002 17:00 |
| 2003 | 77,650 | 46,700 | 124,350 | 126,332 | 08/21/2003 17:00 |
| 2004 | 79,670 | 43,810 | 123,480 | 120,235 | 06/09/2004 17:00 |
| 2005 | 79,000 | 53,270 | 132,270 | 134,219 | 07/26/2005 16:00 |
| 2006 | 79,270 | 56,930 | 136,200 | 145,951 | 08/02/2006 17:00 |

WINTER

| YEAR | NORMALIZED BASE | NORMALIZED HEATING | NORMALIZED TOTAL | UNRESTRICTED PEAK | PEAK DATE/TIME |
|-------------|------------------------|---------------------------|-------------------------|--------------------------|-----------------------|
| 97/98 | | | | 88,970 | 01/14/1998 19:00 |
| 98/99 | | | | 99,982 | 01/05/1999 19:00 |
| 99/00 | | | | 102,359 | 01/27/2000 20:00 |
| 00/01 | | | | 101,717 | 12/20/2000 19:00 |
| 01/02 | | | | 97,294 | 01/03/2002 19:00 |
| 02/03 | | | | 112,755 | 01/23/2003 19:00 |
| 03/04 | | | | 106,760 | 01/26/2004 19:00 |
| 04/05 | | | | 114,061 | 12/20/2004 19:00 |
| 05/06 | | | | 110,415 | 12/14/2005 19:00 |

Note: Normalized values calculated by PJM staff using the bottom-up coincident peak weather-normalization methodology.

TABLE E-2
PJM RTO HISTORICAL NET ENERGY
(GWH)

| YEAR | ENERGY | GROWTH RATE |
|-------------|---------------|--------------------|
| 1993 | 596,076 | - |
| 1994 | 597,975 | 0.3% |
| 1995 | 618,984 | 3.5% |
| 1996 | 613,127 | -0.9% |
| 1997 | 615,421 | 0.4% |
| 1998 | 620,061 | 0.8% |
| 1999 | 636,404 | 2.6% |
| 2000 | 651,190 | 2.3% |
| 2001 | 651,319 | 0.0% |
| 2002 | 673,526 | 3.4% |
| 2003 | 674,471 | 0.1% |
| 2004 | 689,008 | 2.2% |
| 2005 | 682,441 | -1.0% |

Note: All historic net energy values represent the PJM RTO footprint at the time of publishing.