

December 24, 2013

Via Federal Express

Mr. Jeff Derouen, Executive Director
Case No. 2013-00259
Kentucky Public Service Commission
211 Sower Blvd.
Frankfort, KY 40601

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DEC 27 2013

PUBLIC SERVICE
COMMISSION

Re: Case No. 2013-00259 Sonia McElroy and Sierra Club's Supplemental Response to
Commission Staff's Information Requests to Sonia McElroy and Sierra Club

Dear Mr. Derouen,

Enclosed, please find one (1) original and ten (10) copies of Sonia McElroy and Sierra Club's Supplemental Response to Commission Staff's Information Requests to Sonia McElroy and Sierra Club, for filing in the above-referenced matter. By copy of this letter, all parties listed on the Certificate of Service have been served via USPS. Please place this document on file.

Sincerely,



Shannon Fisk
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**COMMONWEALTH OF KENTUCKY
BEFORE THE PUBLIC SERVICE COMMISSION**

In the Matter of:

AN APPLICATION OF EAST KENTUCKY)	
POWER COOPERATIVE, INC. FOR A)	
CERTIFICATE OF PUBLIC CONVENIENCE)	
AND NECESSITY FOR ALTERATION OF)	CASE NO. 2013-00259
CERTAIN EQUIPMENT AT THE COOPER)	
STATION AND APPROVAL OF A COMPLIANCE)	
PLAN AMENDMENT FOR ENVIRONMENTAL)	
SURCHARGE COST RECOVERY)	

**SONIA MCELROY AND SIERRA CLUB’S SUPPLEMENTAL RESPONSE TO
COMMISSION STAFF’S INFORMATION
REQUESTS TO SONIA MCELROY AND SIERRA CLUB**

Intervenors Sonia McElroy and Sierra Club (collectively “Environmental Intervenors”) hereby submit their supplemental response to Commission Staff’s Information Requests. On December 18, 2013, Intervenors filed their responses to Staff’s initial information requests. After filing the responses, Intervenors became aware of an additional document responsive to Staff’s initial request 7. Accordingly, Intervenors hereby supplement their response as follows.

KPSC Case No. 2013-00259
SC Supplemental Response to Staff Requests
Item No. 7
Respondent: Jeffrey Loiter

Request No. 7: Refer to page 15 of the Loiter Testimony wherein it discusses the benefits to demand-side management ("DSM") beyond the cost savings as compared to supply-side resources. If EKPC were to opt for DSM expansion instead of retrofitting Cooper unit 1, what risks would it encounter if the projected DSM savings were not achieved?

Supplemental Response to Request No. 7: In evaluating the risk that would occur if the projected savings did not materialize, I originally relied in part on the peak demand and energy forecasts provided by EKPC in its 2012 IRP and in response to Sierra Club's initial requests 24 and 48. Since providing my original answer, I have become aware of the attached exhibit, JML-Supp.-1, prepared by the PJM Resource Adequacy Planning Department and entitled "PJM Load Forecast Report." The PJM load forecast appears to project significantly lower growth in both summer and winter peak demand and in forecast energy requirements from 2013-2023 than EKPC projects. This can be seen by comparing the forecasts on pages 44, 48, and 82 of the PJM forecast to the forecasts provided by EKPC in Table 8.(4)(a) and Table 8.(4)(b)1-4 of the 2012 IRP and in response to Intervenor's initial information requests 24(e) and 48.

If the PJM forecast is more accurate, then EKPC would face even lower peak demand and energy requirements than it has been projecting for use in this case. This would in turn reduce the risk of not achieving savings from DSM programs, since the company would have a lower peak demand for which to plan.

Respectfully submitted,



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Dated: December 24, 2013


CERTIFICATE OF SERVICE

I certify that I have served via U.S. Mail the foregoing Sonia McElroy and Sierra Club's Supplemental Response to Commission Staff's Information Requests to Sonia McElroy and Sierra Club on December 24, 2013 to the following:

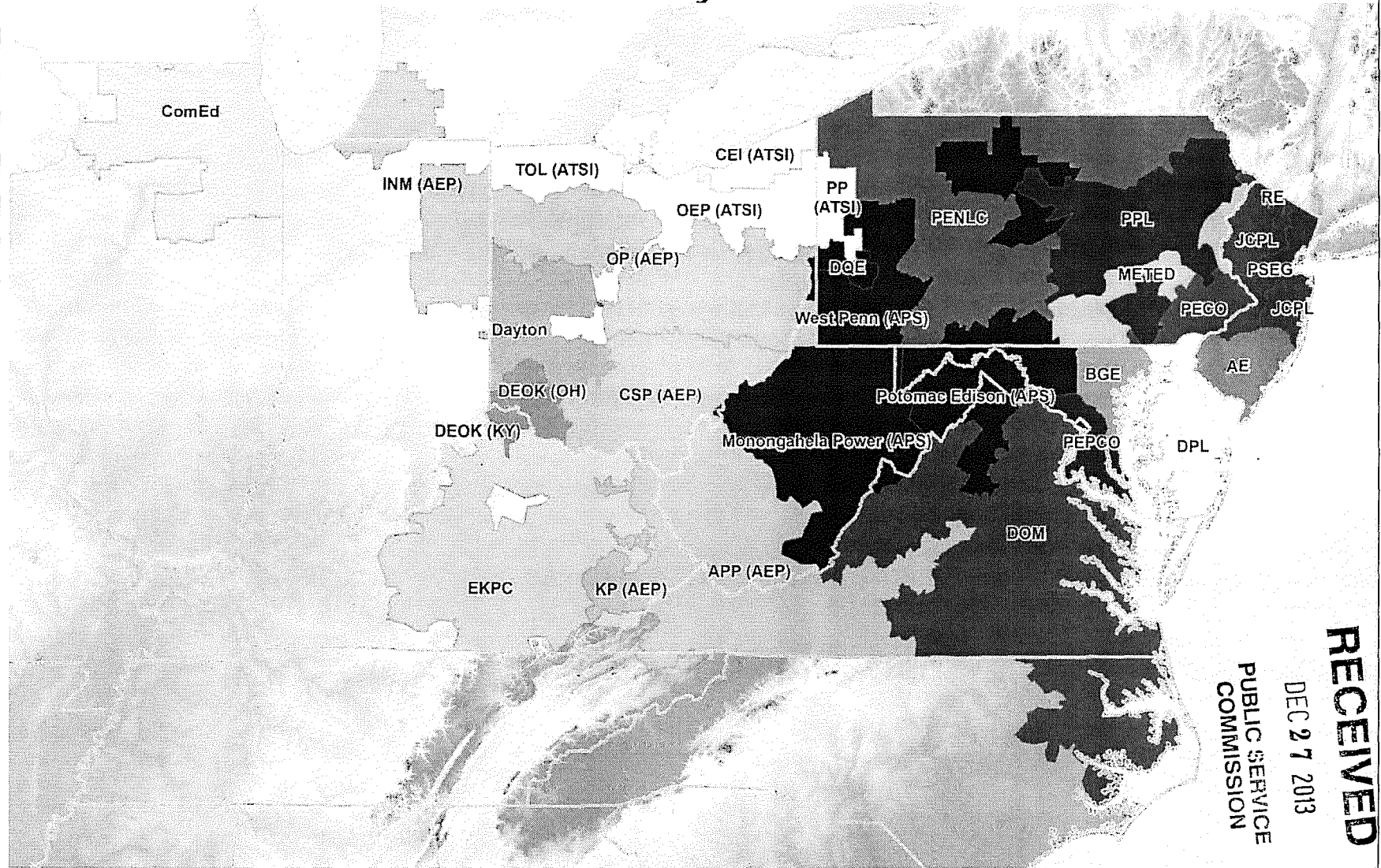
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Katharine Thompson

PJM Load Forecast Report January 2013



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Prepared by PJM Resource 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)
ATSI	American Transmission Systems, Inc. zone (incorporated 6/1/2011)
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
CEI	Cleveland Electric Illuminating, sub-zone of ATSI
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)
DEOK	Duke Energy Ohio/Kentucky zone (incorporated 1/1/2012)
DLCO	Duquesne Lighting Company zone (incorporated 1/1/2005)
DOM	Dominion Virginia Power zone (incorporated 5/1/2005)
DPL	Delmarva Power & Light zone (part of Pepco Holdings, Inc)
EKPC	East Kentucky Power Cooperative (anticipated incorporation 6/1/2013)
FE-East	The combination of FirstEnergy'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
NERC	North American Electric Reliability Corporation
Net Energy	Net Energy for Load, measured as net generation of main generating units plus energy receipts minus energy deliveries
OEP	Ohio Edison, sub-zone of ATSI
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
PP	Pennsylvania Power, sub-zone of ATSI
PS	Public Service Electric & Gas zone
RECO	Rockland Electric (East) zone (incorporated 3/1/2002)
TOL	Toledo Edison, sub-zone of ATSI
UGI	UGI Utilities, sub-zone of PLGroup
Unrestricted Peak	Peak load prior to any reduction for load management, accelerated energy efficiency or voltage reduction.
WP	West Penn Power, sub-zone of APS
Zone	Areas within the PJM Control Area, as defined in the PJM Reliability Assurance Agreement

2013 PJM LOAD FORECAST REPORT

EXECUTIVE SUMMARY

- This report presents an independent load forecast prepared by PJM staff.
- The report includes long-term forecasts of peak loads, net energy, load management and energy efficiency for each PJM zone, region, locational deliverability area, and the total RTO.
- This year's report includes the load of East Kentucky Power Cooperative (EKPC), which is anticipated to be integrated into the PJM RTO on June 1, 2013. The report also reflects the integration of the DEOK zone on January 1, 2012.
- All load models were estimated with historical data from January 1998 through August 2012. The models were simulated with weather data from years 1973 through 2011, generating 507 scenarios. The economic forecast used was Moody's Analytics' November 2012 release.
- A downward revision to the economic outlook, especially in 2013 and 2014, has resulted in lower peak and energy forecasts in this year's report, compared to the same year in last year's report. See the Moody's Analytics summary report on economic assumptions on Page 4 for more detail.
- The PJM RTO (including EKPC) weather normalized summer peak for 2012 was 154,235 MW. The projection for the 2013 PJM RTO summer peak is 155,553 MW, an increase of 1,318 MW, or 0.9%, from the 2012 normalized peak.
- Summer peak load growth for the PJM RTO (including EKPC) is projected to average 1.3% per year over the next 10 years, and 1.2% over the next 15 years. The PJM RTO summer peak is forecasted to be 177,439 MW in 2023, a 10-year increase of 21,886 MW, and reaches 185,671 MW in 2028, a 15-year increase of 30,118 MW. Annualized 10-year growth rates for individual zones range from 0.6% to 1.9%.
- Winter peak load growth for PJM RTO (including EKPC) is projected to average 1.1% per year over the next 10-year period, and 1.0% over the next 15-years. The PJM RTO winter peak load in 2022/23 is forecasted to be 146,618 MW, a 10-year increase of 15,808 MW, and reaches 152,455 MW in 2027/28, a 15-year increase of 21,645 MW. Annualized 10-year growth rates for individual zones range from 0.5% to 1.9%.

- Compared to the 2012 Load Report, the 2013 PJM RTO (**excluding** the impact of EKPC) summer peak forecast shows the following changes for three years of interest:
 - The next delivery year – 2013 -2,538 MW (-1.6%)
 - The next RPM auction year – 2016 -2,515 MW (-1.5%)
 - The next RTEP study year – 2018 -2,222 MW (-1.3%)

- Assumptions for future Load Management (LM) have increased modestly from the 2012 Load Report (from approximately 14,200 MW to 14,600 MW). Energy Efficiency (EE) impacts have increased from approximately 800 MW to 1,100MW. Assumptions for both LM and EE are based on Reliability Pricing Model (RPM) auction results.

- Based on the forecast contained within this report, the PJM RTO will continue to be summer peaking during the next 15 years, with annual load factors growing from approximately 60.0% to approximately 61.5%.

NOTE:

Unless noted otherwise, all peak values are non-coincident, unrestricted peaks, which represent the peak load prior to reductions for load management or energy efficiency impacts.
All compound growth rates are calculated from the first year of the forecast.

Summary Table

SUMMER PEAK LOAD (MW) AND GROWTH RATES FOR
PJM RTO AND SELECTED GEOGRAPHIC REGIONS

	METERED 2012	UNRESTRICTED 2012	NORMAL 2012		THIS YEAR 2013	RPM YEAR 2016	RTEP YEAR 2018
PJM RTO	154,339	156,319	152,405		153,716	163,176	166,810
				Growth Rate	0.9%		
Demand Resources + Energy Efficiency					-11,583	-15,539	-15,539
PJM RTO - Restricted					142,133	147,637	151,271
PJM RTO (with EKPC)	156,182	158,162	154,235		155,553	165,128	168,813
				Growth Rate	0.9%		
Demand Resources + Energy Efficiency					-11,583	-15,539	-15,539
PJM RTO - Restricted					143,970	149,589	153,274
PJM MID-ATLANTIC	58,945	60,067	59,230		59,736	63,051	64,184
				Growth Rate	0.9%		
Demand Resources + Energy Efficiency					-6,328	-6,626	-6,626
MID-ATL - Restricted					53,408	56,425	57,558
EASTERN MID-ATLANTIC	32,542	32,832	32,366		32,622	34,382	35,045
				Growth Rate	0.8%		
Demand Resources + Energy Efficiency					-2,664	-2,558	-2,558
EMAAC - Restricted					29,958	31,824	32,487
SOUTHERN MID-ATLANTIC	13,634	14,196	13,860		14,020	14,586	14,776
				Growth Rate	1.2%		
Demand Resources + Energy Efficiency					-1,851	-2,091	-2,091
SWMAAC - Restricted					12,169	12,495	12,685

Note:

Normal 2012 and all forecast values are non-coincident as estimated by PJM staff.

Except as noted, all values reflect the membership of the PJM RTO as of June 1, 2012.

December 2012

Tim Daigle, 610-235-5214

Summary of the November 2012 U.S. Macro Forecast

The November U.S. macro forecast was completed as the economy was showing signs of stress following a lackluster year of growth. Partway through the fourth quarter, real GDP growth was tracking at a paltry 1.8% annualized rate, down noticeably from 2.7% in the previous quarter and slightly lower than the 2% year-to-date average. Job growth is indicative of a slowly improving labor market, with the underlying trend pace of gains pegged at around 150,000 jobs per month for close to two years now, but has been accompanied by weak wage growth. The unemployment rate has slowly declined throughout the year. Still, at 7.7%, it remains elevated and may overestimate improvement as labor force growth is sluggish.

Though the year started off on a high note, the economy underperformed expectations from the end of 2011 by most measures of growth. A relatively warm and storm-free winter helped the economy get off to a fast start in 2012, with some business and consumer spending usually scheduled for later in the year pulled forward. However, the early year boost gave way to another midyear slump as higher energy and gasoline prices exacerbated the expected payback. After peaking at a 2.5% annualized pace in the first quarter, real consumer spending growth has slowed to a disappointing 1.5% as recently as the third quarter. This is due in large part to subpar personal income growth linked to excess slack in the labor market suppressing wage and salary advances.

In addition to a weaker contribution from consumers, increasingly cautious businesses have played a role in the subpar performance. Concerns of slowing growth in China, the ongoing sovereign debt crisis in the euro zone, and uncertainty surrounding the presidential election and impending fiscal policy changes shook business confidence. Business investment growth slowed to a crawl midyear and actually has declined more recently.

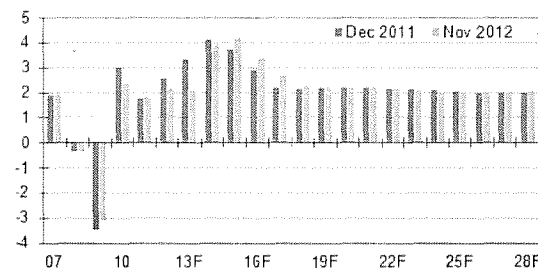
The U.S. economy is in for a rough start to 2013 as the ongoing fiscal-cliff negotiations delay private business investment and hiring plans further and consumer spending is muted by impending tax hikes taking a bite out of disposable income growth. However, assuming federal policymakers come to an agreement on scaling back some of the spending cuts and tax provisions in a reasonable amount of time, as the baseline forecast predicts, the economy will quickly regain traction and be off and running as 2014 approaches. By that time, a renewed housing cycle will take off as household formation accelerates, stimulating construction as well other housing-related industries.

The headwinds in 2012, including the income-related slowdown in consumer spending growth and pullback in business investment, shaved about 0.4 percentage point off growth and put the economy on a weaker trajectory heading into 2013. Final numbers for 2012 are not yet available, but real GDP for the year will come in around 2.2%, versus 2.6% in the December 2011 forecast. Employment growth will finish the year at 1.4%, ahead of expectations for a 1% rate of growth. Growth in both manufacturing employment, up 1.8%, and nonmanufacturing employment, up 1.4%, easily beat expectations. Unfortunately, with the aforementioned slack in the labor market limiting upward pressure on wages and salaries, real personal income growth will finish the year at only 1.4%, versus expectations of 3.6%.

The weight of fiscal uncertainty as well as the phasing out of temporary tax breaks will suppress growth early in 2013 compared with the December 2011 forecast. However, once policymakers come to an agreement on important fiscal issues and greater clarity is provided to businesses, the recovery will accelerate quickly. As a result, the current forecast expects the economy to be nearly in the same place by 2016.

Political Uncertainty Weighs on Growth in 2013

U.S. real GDP growth, % change

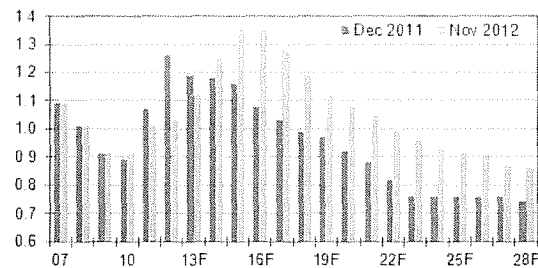


Sources: BEA, Moody's Analytics

The most substantial difference between the two forecasts relates to demographics, specifically faster household formation. As the economic expansion matures and migration into the U.S. and between regions rebounds, household formation is projected to return to a pace consistent with long-run demographics. In particular, young individuals who delayed forming households because of the poor condition of the labor market will move out and establish their own households as the job market recovers. Moreover, the young-adult population will grow in the near term as more of the echo-boom generation enters adulthood; many of these individuals will form their own households in the next few years. Finally, the recession put a damper on net immigration, but growth in the foreign-born population is expected to pick up as the U.S. economy improves relative to others.

Household Formation to Accelerate Strongly

U.S. household growth, % change



Sources: Census Bureau, Moody's Analytics

In the out-years, we adopted a higher headship rate than previously assumed. Different age, racial and ethnic groups have widely different headship rates, and the revision to the Moody's Analytics headship rate forecast better reflects the Census Bureau's projection of the nation's future age, racial and ethnic composition. The largest of these composition effects comes from the baby-boom generation passing into the 65-plus age cohort, which has historically had a high headship rate.

Summary of the Forecast for PJM Service Territories

The PJM service territory covers all or parts of 13 states and the District of Columbia, accounting for more than 52 million people, or about a sixth of the U.S. population. The regional economies of the service territory include metro areas in the Midwest, South and Northeast and are remarkably varied, running the gamut from extremely diversified economies such as Chicago to those highly dependent on one industry such as Elkhart IN.

Overall, the dominant industry in the service territory is education/healthcare. In addition to employing the largest share of the region's workers, it was also one of the few industries to add jobs during the recession. Consistent with this historical trend, education- and healthcare-related services will provide the lion's share of new jobs in the forecast period. On average, the concentration of manufacturing in the service territory is roughly in line with the national average, but more than half of the metro area's economies, mainly smaller old-line manufacturing localities in the Northeast and Midwest, rely more heavily on industrial production for growth. While the public sector has less of a presence in the service territory than it does nationally, it is a pillar of many of the territory's southern metro areas, including many state capitals, college towns, and military-reliant areas.

Resource and mining represent a small portion of the service territory's economy, but provide significant upside risk, especially in eastern Ohio and western Pennsylvania. The potential for extraction of significant quantities of untapped natural resources offers the possibility of boosting long-term growth in several related industries, including construction, transportation and manufacturing.

Recent Performance

The November 2012 regional forecast was generated in the context of the U.S. macro forecast described above, with considerable political uncertainty weighing on business investment and hiring. The service territory's performance was mixed compared with the U.S. average. Based on metro area-level data, output underperformed expectations by a larger margin. Real income growth also came up short, with current estimates showing growth of 1.4%, compared with expectations of 2.2%. On the other hand, employment growth will finish the year better than expected, with an increase of 1.1% versus a forecast of 0.6% in December 2011.

With manufacturing an important driver, particularly in many of the territory's midwestern metal-production and auto-related metro areas, a rebound in auto demand boosted growth early in 2012. However, some of these economies are experiencing undesirable volatility as slower export demand, tepid domestic business investment spending, and rising inventories slow industrial output. On the whole, the service territory's manufacturing employment growth has slowed markedly; the most recent regional employment data show that industry-wide employment is only 0.7% above year-ago levels, about half the pace from six months ago.

Pennsylvania and Ohio account for a substantial portion of PJM's customers, and the two states continue to play a key role in the region's recovery. Though the states' economies have improved to varying degrees this year, with Ohio's noticeably outpacing the rest of the territory and Pennsylvania's flagging a bit, they have contributed disproportionately since the recovery began more than three years ago. The territory's Ohio and Pennsylvania metro areas make up approximately 20% to 25% of the territory's payroll employment, but they have been responsible for almost 60% of total job gains over the past 12 months.

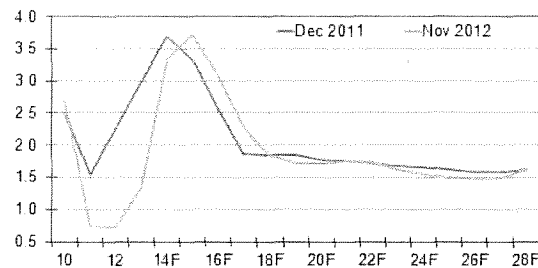
Near-Term Outlook and Changes to the Forecast

Changes to the near-term outlook for the PJM service territory are similar to those in the U.S. macro forecast. The drags of fiscal policy uncertainty on private business investment, as well as the hit to consumers from expected tax hikes and spending cuts, will keep growth muted in the first half of 2013 throughout the service territory.

The rebound in manufacturing will be more subdued as businesses deal with slow final demand and concerns over frothy inventories. Growth is expected to be more restrained in 2013 than was anticipated in the December 2011 forecast, but will quickly rebound in 2014 and 2015. Real GDP in the service territory is forecast to rise 1.4% in 2013 and 3.3% in 2014, compared with 2.2% and 3% growth expected in the forecast of one year ago, respectively. The forecast calls for job growth in the service territory of 0.5% and 1.9% over the next two years, lower than the previous forecast of 0.9% and 2.7%.

Long-Run Growth Expectations Unchanged

Real GDP growth in PJM service territory metro areas, % change



Sources: BEA, Moody's Analytics

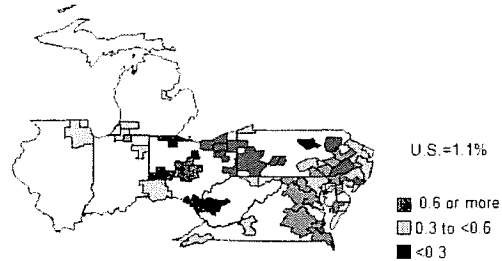
Long-Term Outlook

The November 2012 forecast shows similar long-term growth in metro areas in the PJM service territory compared with the forecast from last December. Growth in many key variables—output, employment and population—is relatively unchanged in the forecasts' out-years compared with that in the December 2011 forecast. For the metro areas in the service territory combined, the November 2012 forecast expects average annual real GDP growth of 2% in the region out to 2028, compared with 2.1% expected one year ago. Average annual job growth is forecast at 0.8%, versus 0.9% in the December 2011 forecast.

The southernmost metro areas are expected to be among the fastest growing in the PJM service territory. The biggest comparative advantage for these areas is their favorable demographic trends, which will help boost overall final demand. The aforementioned rebound in population growth and household formation will drive growth in all of the consumer-based services such as education/healthcare and leisure/hospitality. Virginia metro areas, including Lynchburg and Richmond, as well as Wilmington DE and Bowling Green KY, are expected to lead with average annual real GDP growth of 2.4% or more. Aside from favorable demographics, these metro areas will be driven by highly educated labor forces, productivity growth, and relatively low costs.

Stronger Demographics Benefit the South

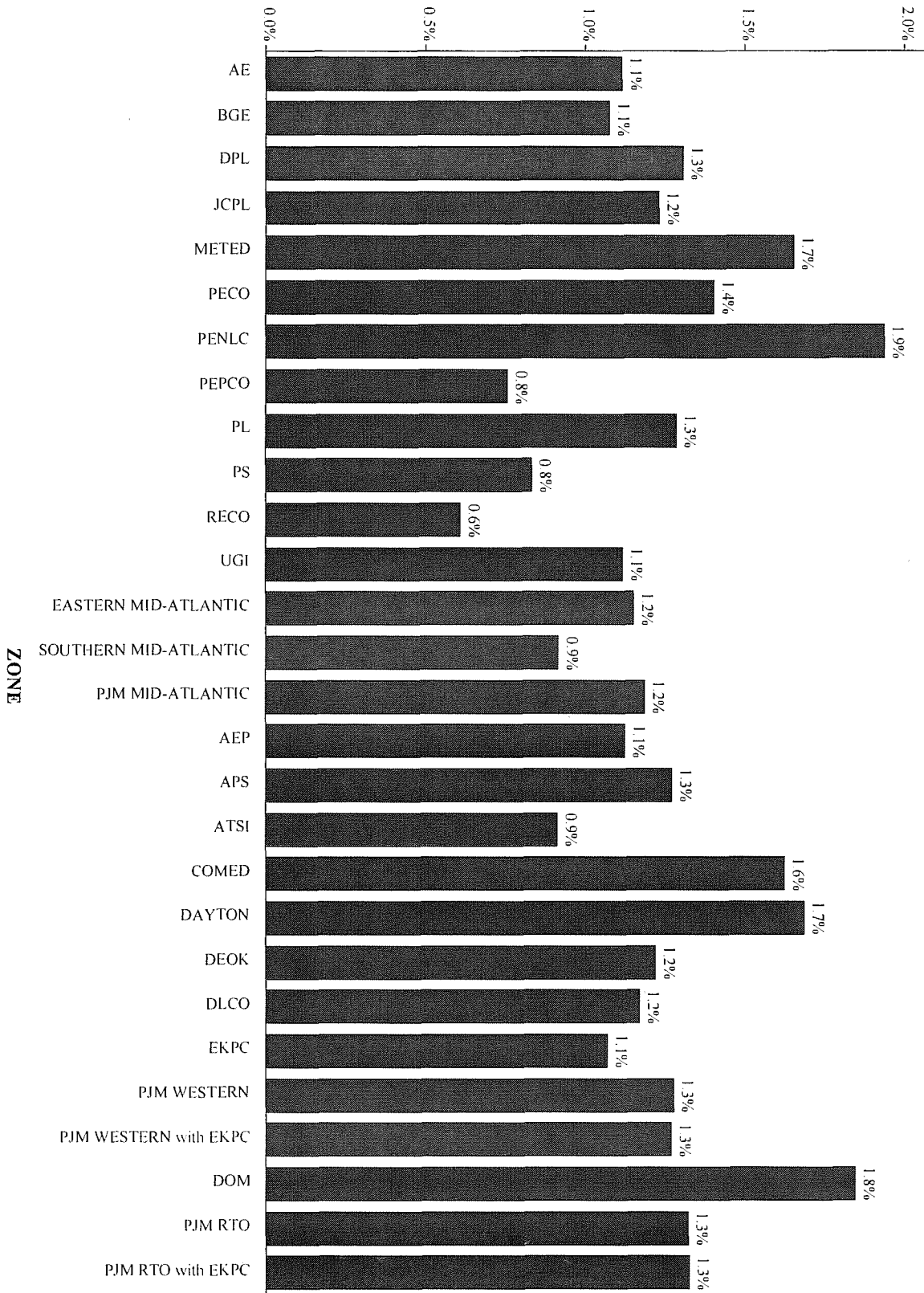
Avg annual household growth from 2013 to 2028, %



Sources: Census Bureau, Moody's Analytics

Metro areas in Ohio and Pennsylvania are expected to grow more slowly. Expansion in those states will be more restrained as regions transition away from manufacturing toward more service-oriented economies. With lower-value-added services accounting for a larger part of the regional economies, income growth is expected to be more restrained. Weaker demographics will also undermine long-term growth, as workers and their families are expected to seek opportunities in stronger labor markets outside of the slow-growth metro areas in the Midwest and Northeast.

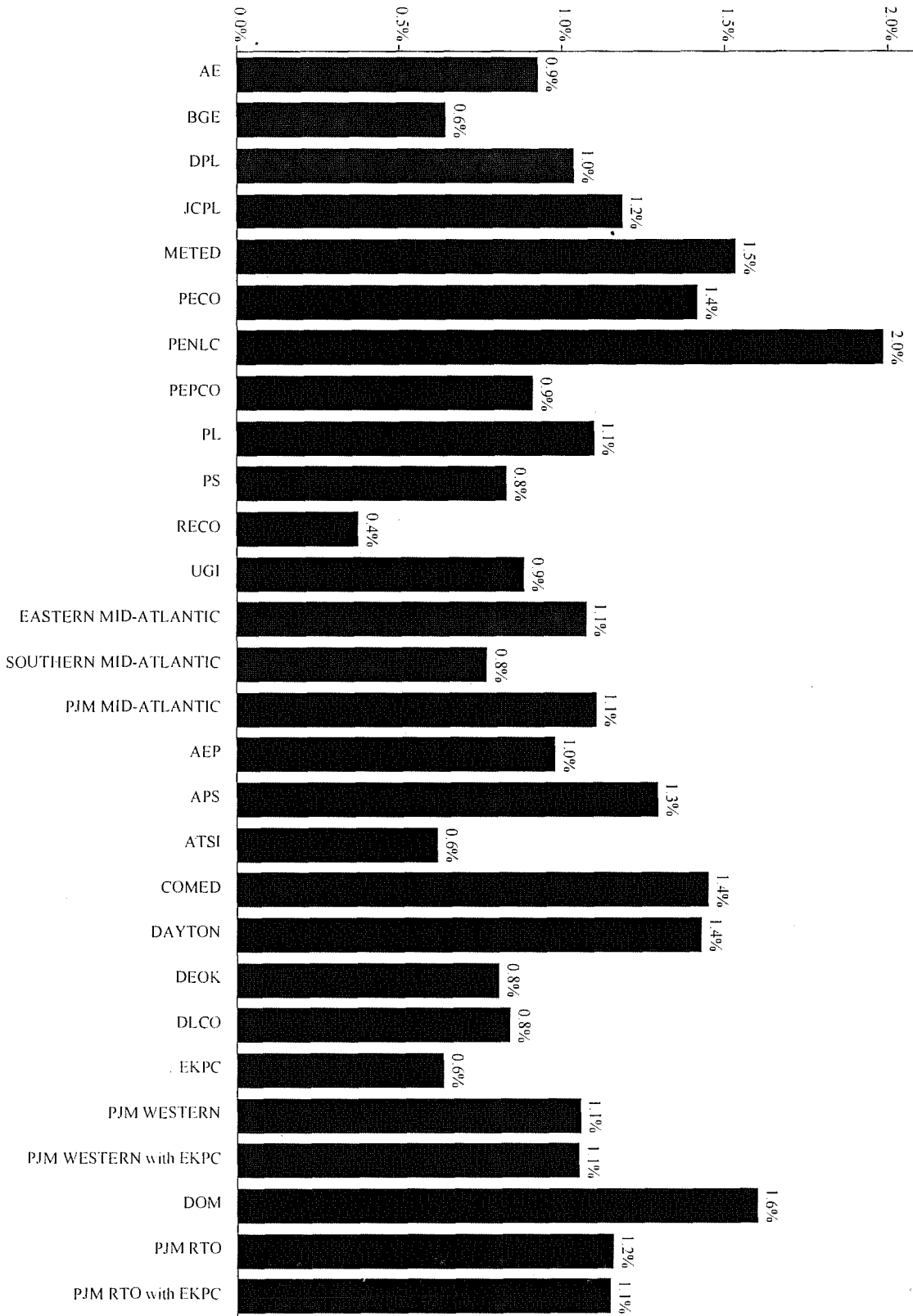
PERCENT/YEAR



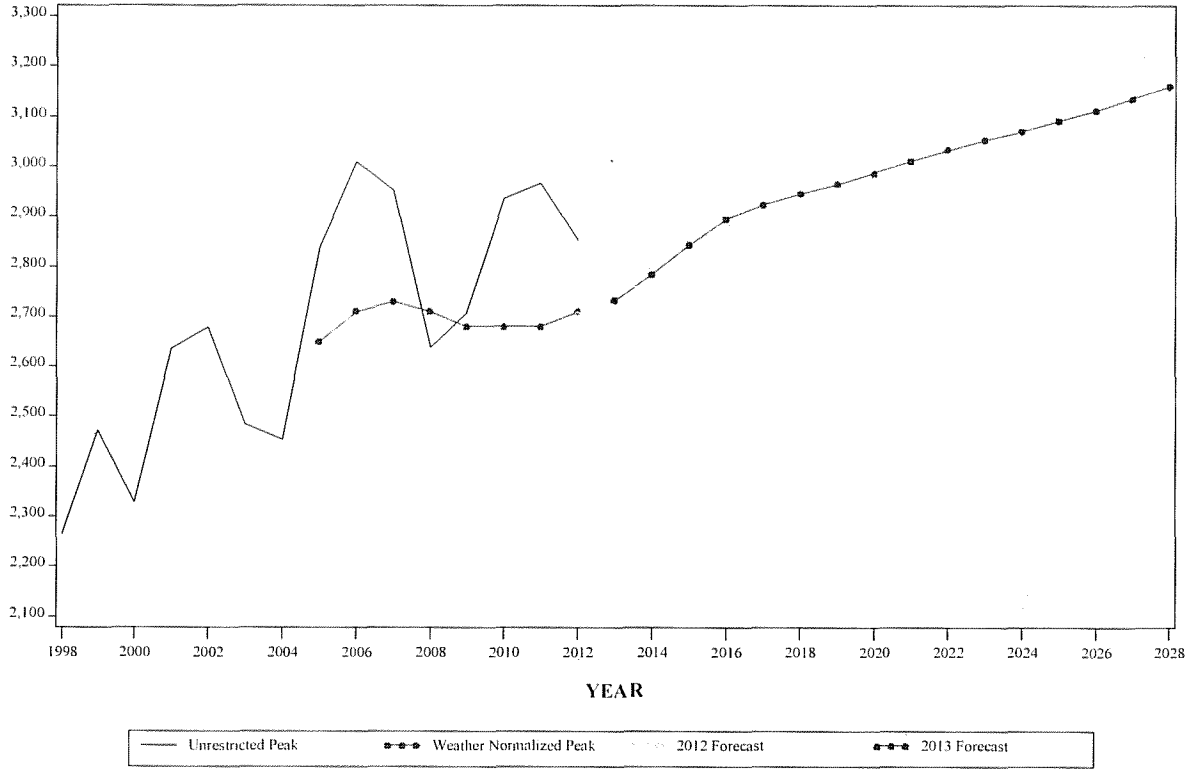
PJM SUMMER PEAK LOAD GROWTH RATE
2013 - 2023

PERCENT/YEAR

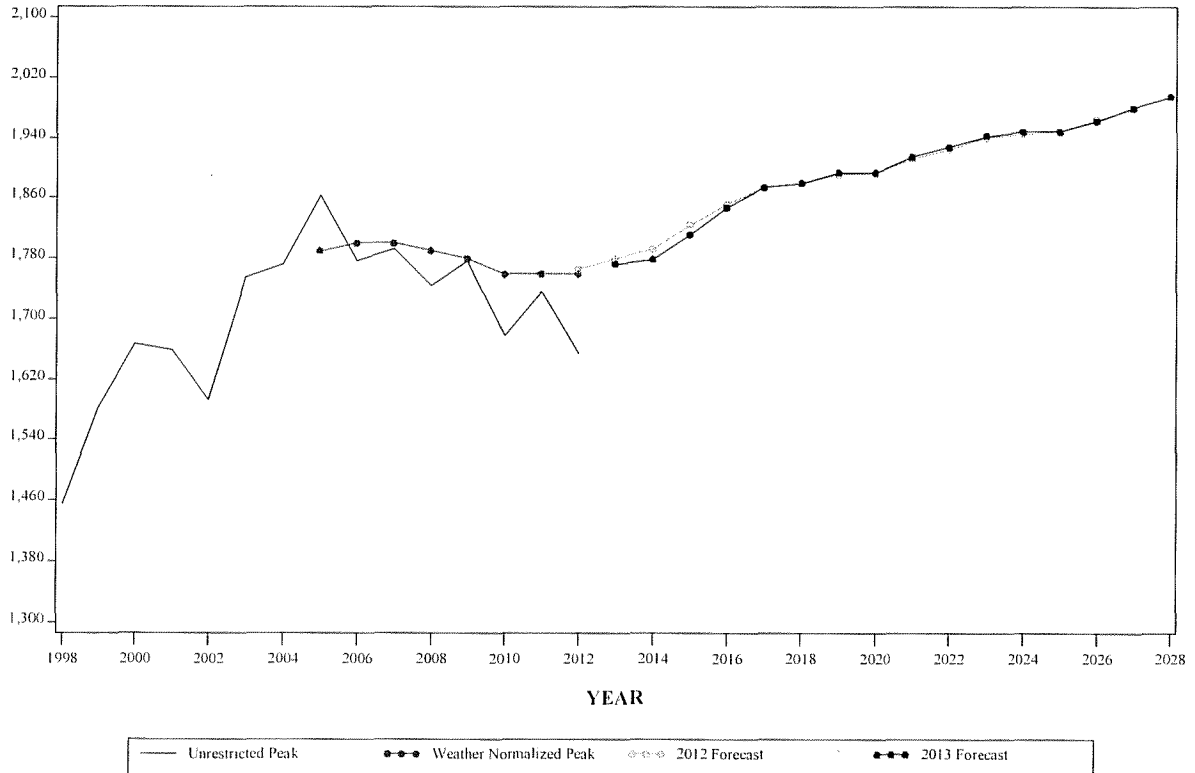
PJM WINTER PEAK LOAD GROWTH RATE
2013 - 2023



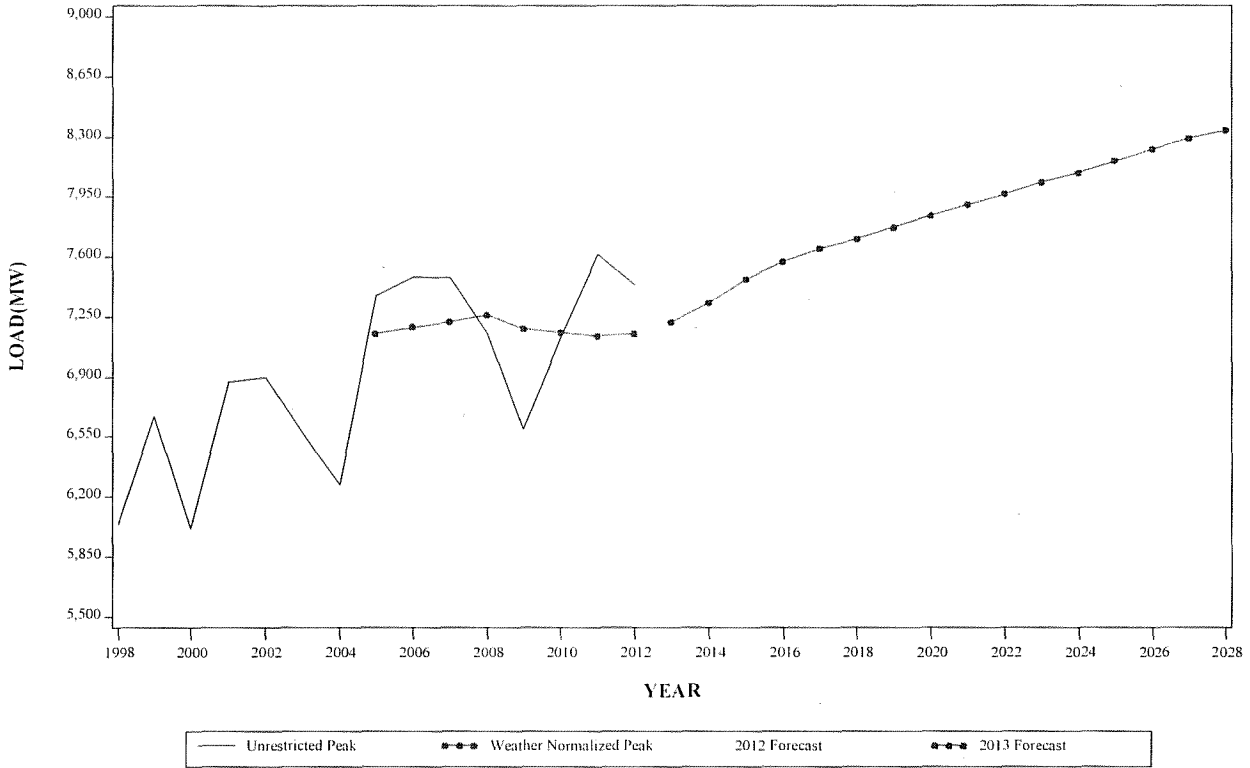
**SUMMER PEAK DEMAND FOR AE
GEOGRAPHIC ZONE**



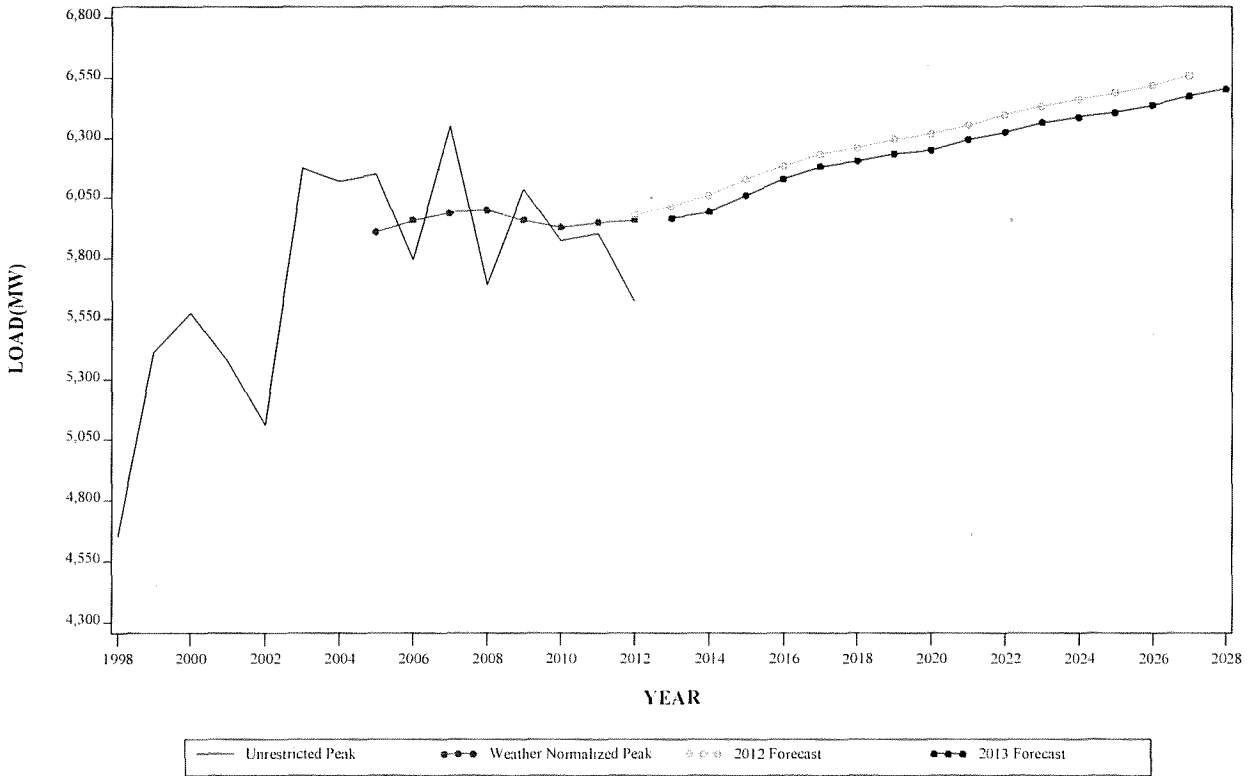
**WINTER PEAK DEMAND FOR AE
GEOGRAPHIC ZONE**



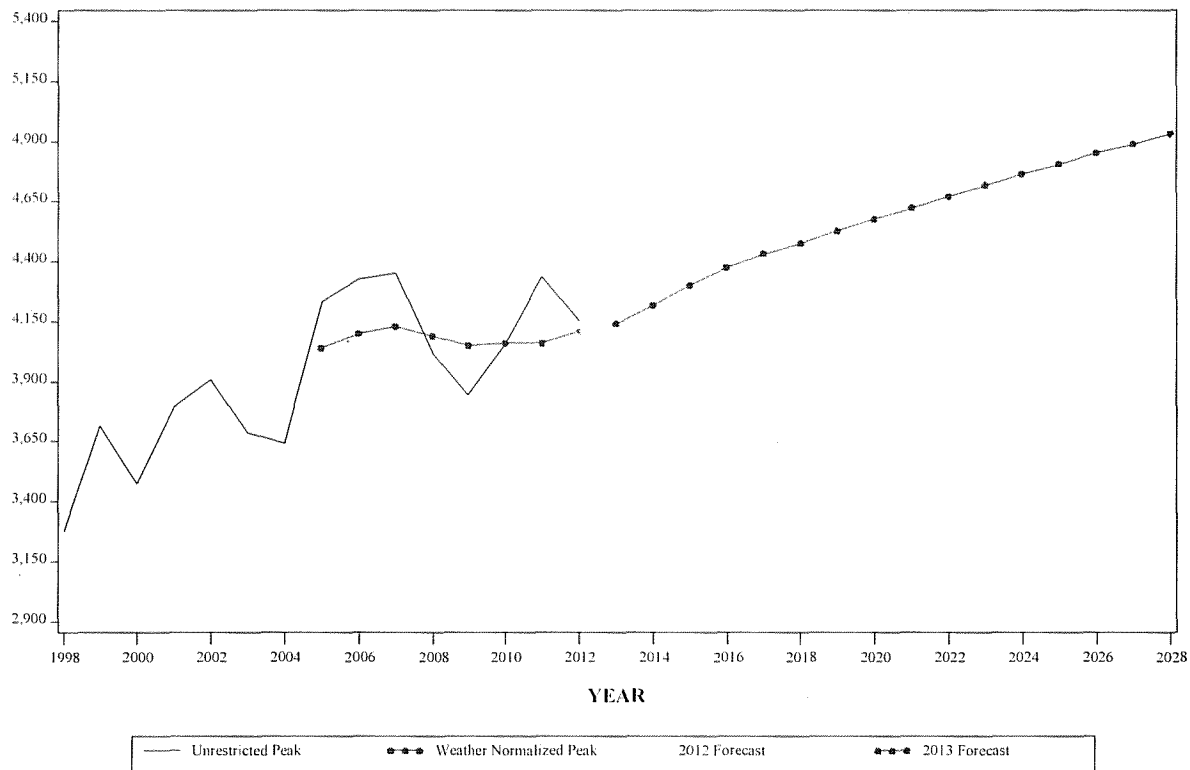
**SUMMER PEAK DEMAND FOR BGE
GEOGRAPHIC ZONE**



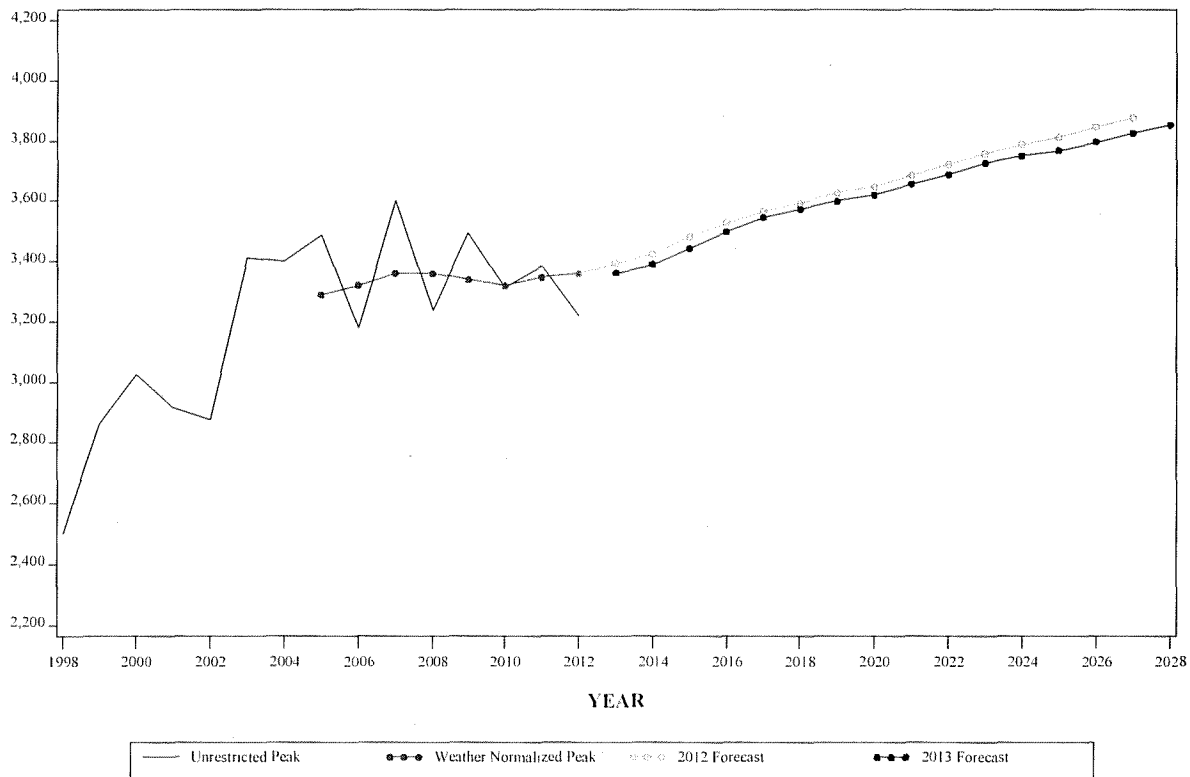
**WINTER PEAK DEMAND FOR BGE
GEOGRAPHIC ZONE**



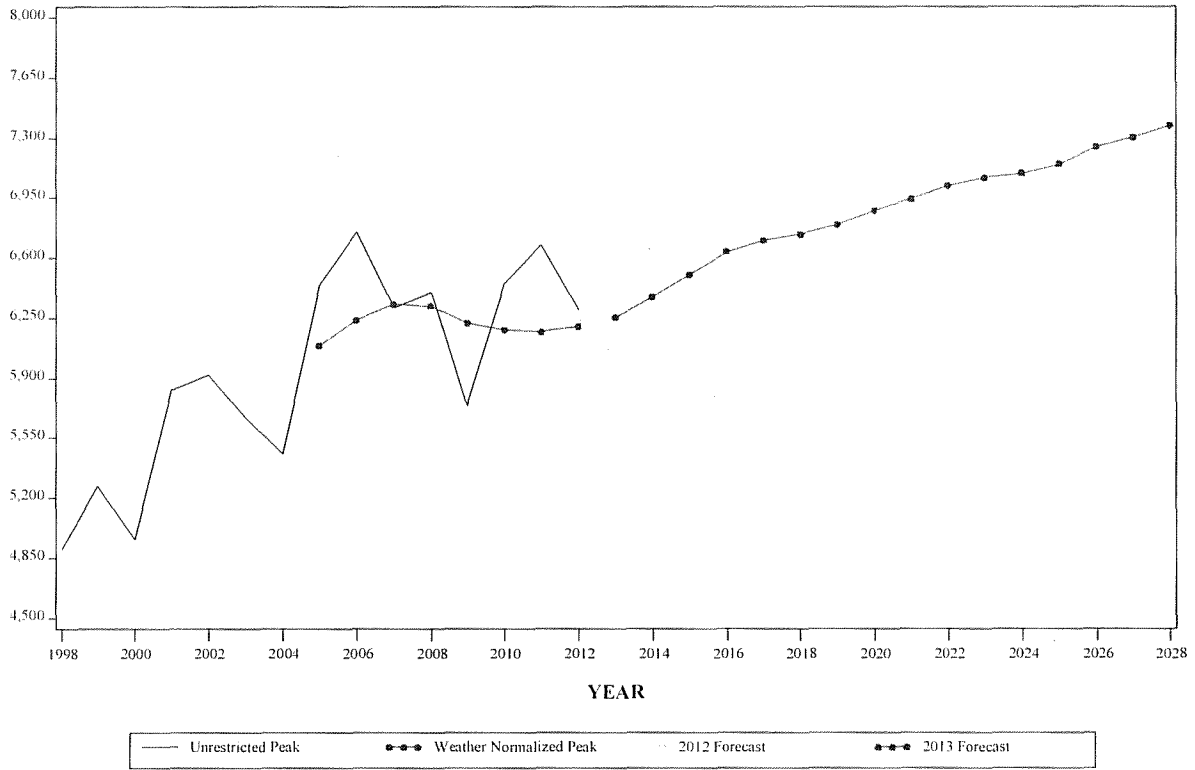
**SUMMER PEAK DEMAND FOR DPL
GEOGRAPHIC ZONE**



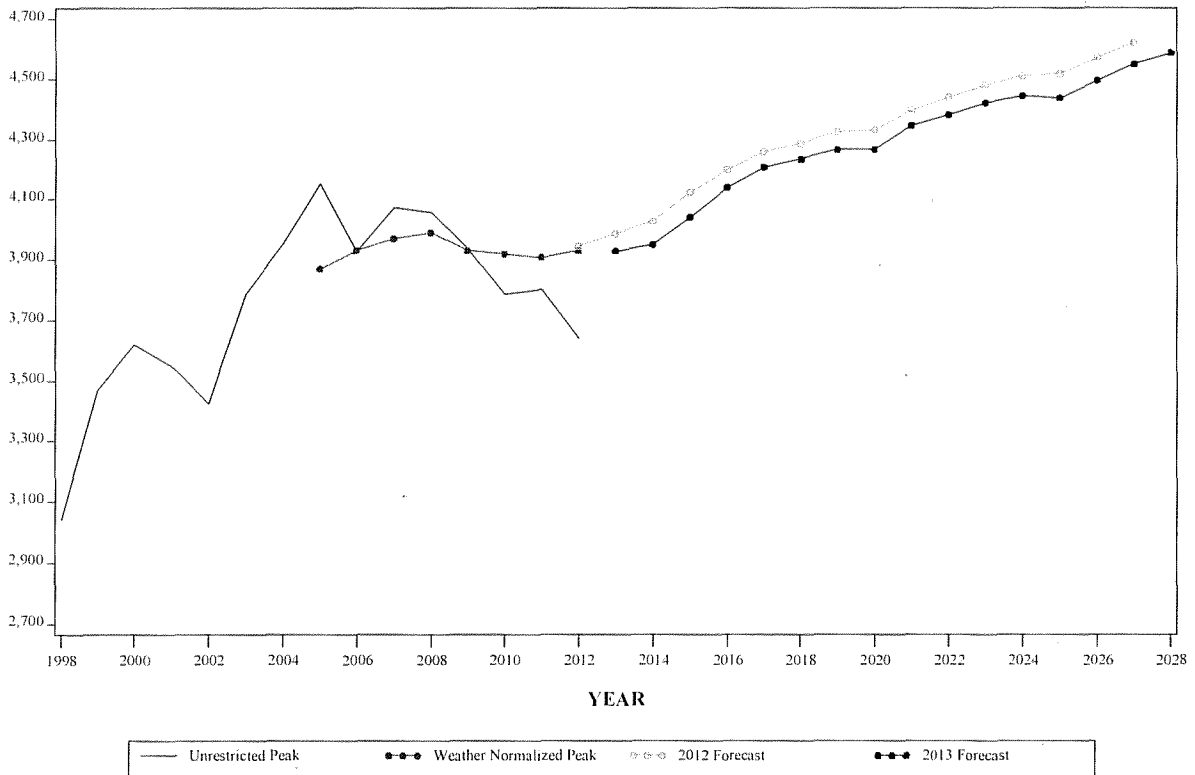
**WINTER PEAK DEMAND FOR DPL
GEOGRAPHIC ZONE**



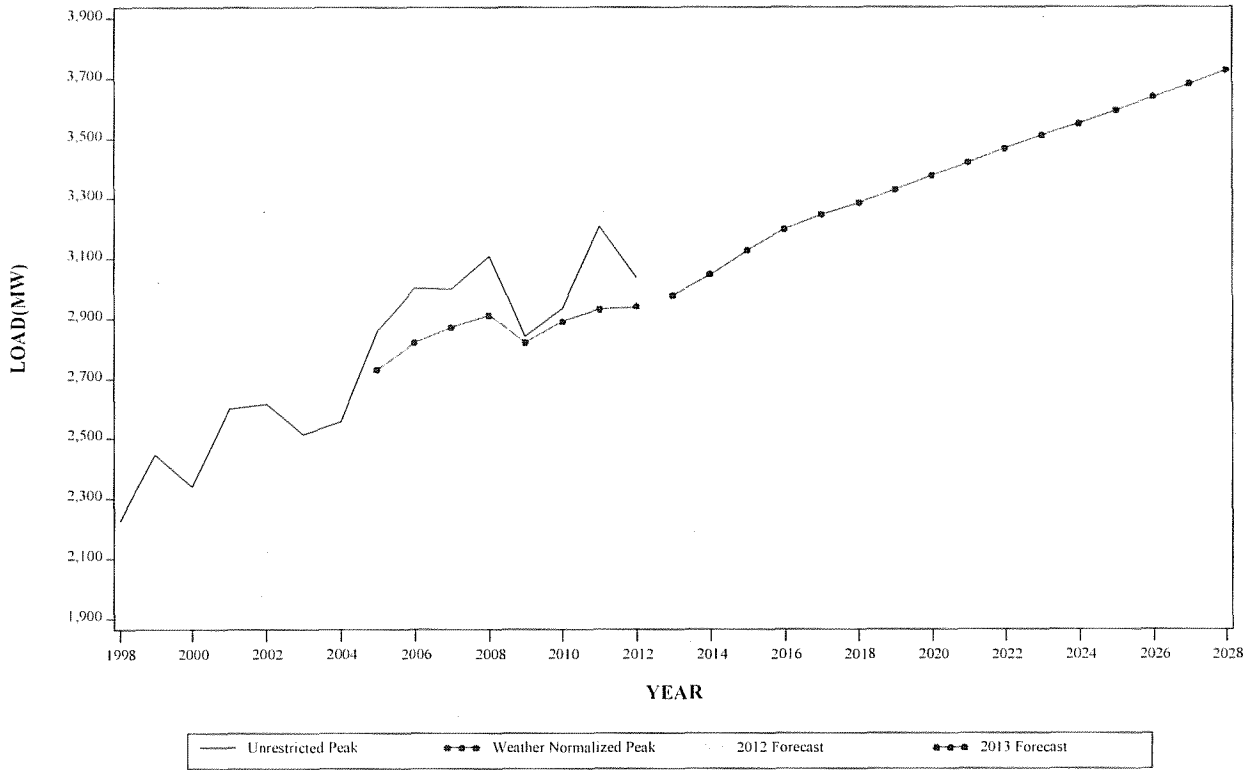
**SUMMER PEAK DEMAND FOR JCPL
GEOGRAPHIC ZONE**



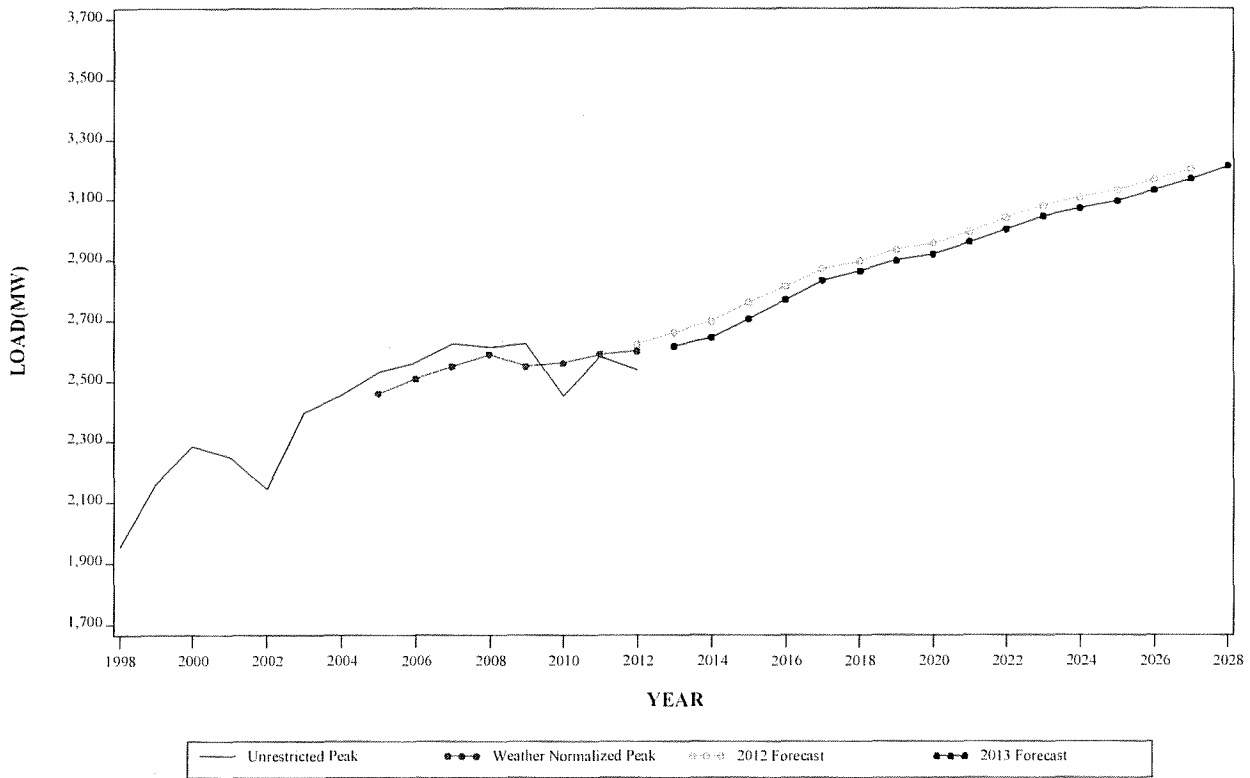
**WINTER PEAK DEMAND FOR JCPL
GEOGRAPHIC ZONE**



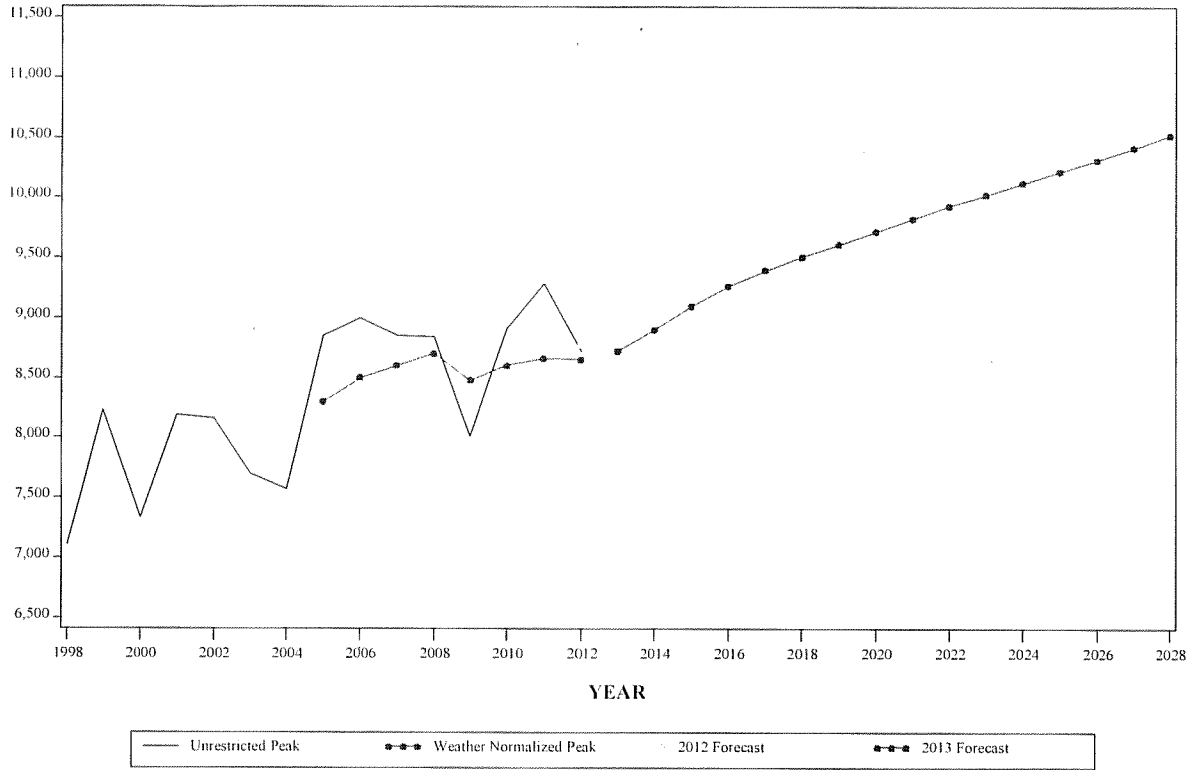
**SUMMER PEAK DEMAND FOR METED
GEOGRAPHIC ZONE**



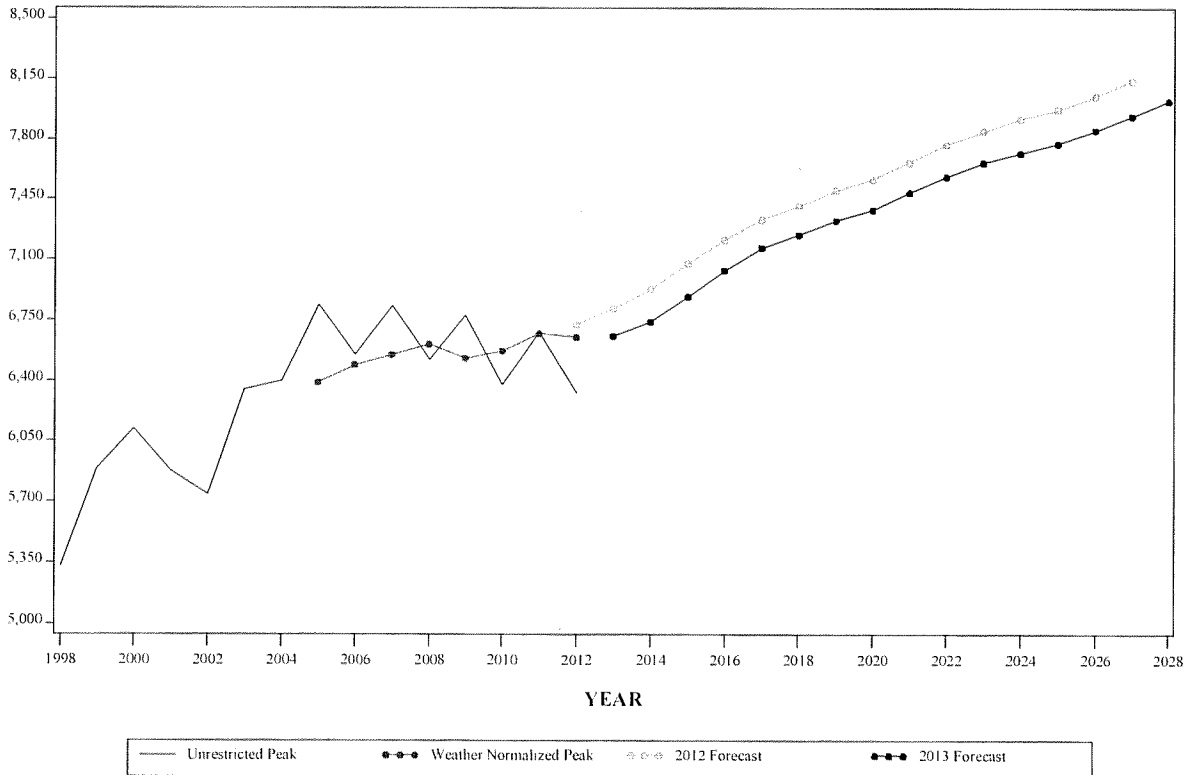
**WINTER PEAK DEMAND FOR METED
GEOGRAPHIC ZONE**



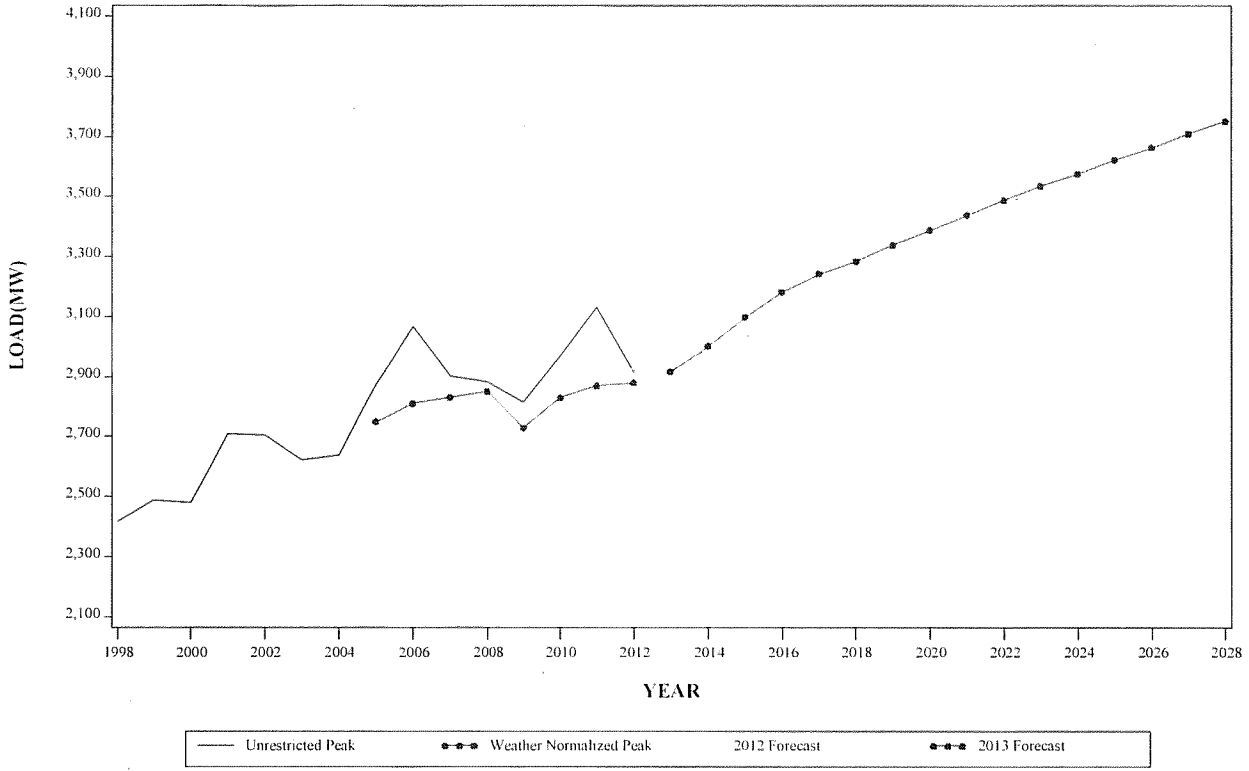
**SUMMER PEAK DEMAND FOR PECO
GEOGRAPHIC ZONE**



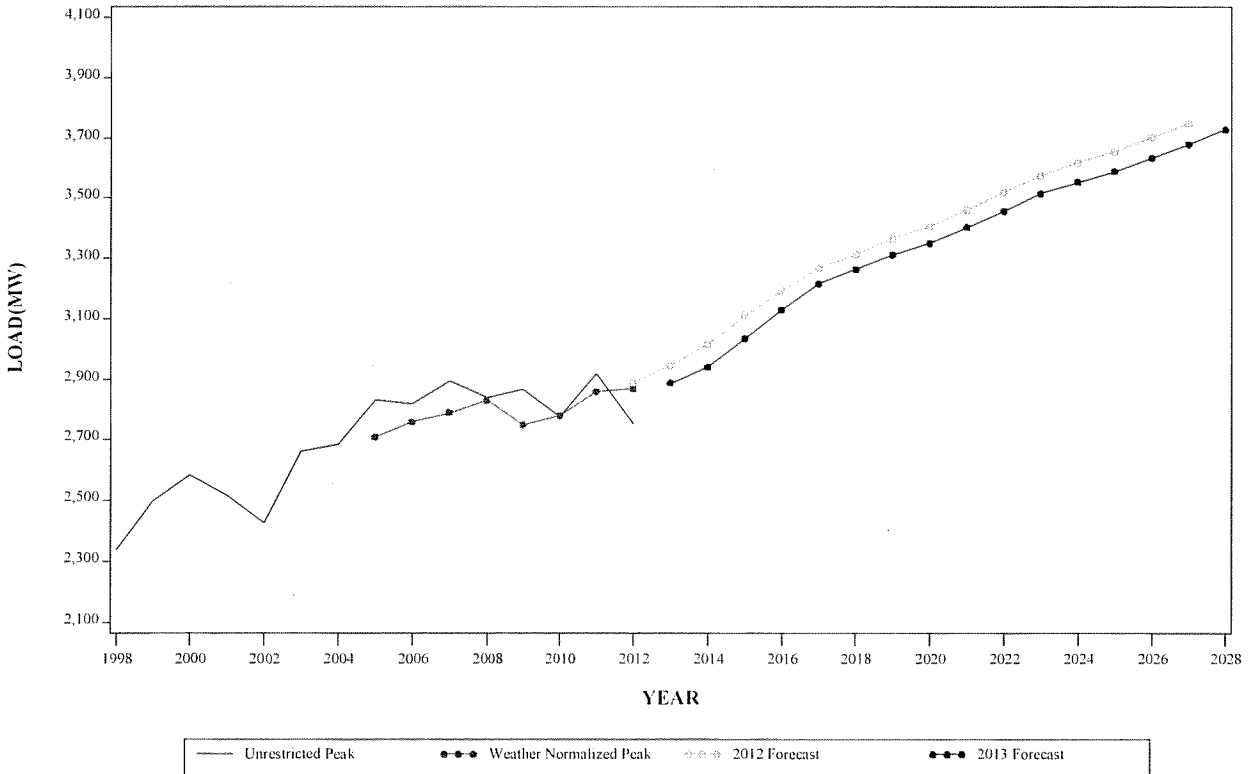
**WINTER PEAK DEMAND FOR PECO
GEOGRAPHIC ZONE**



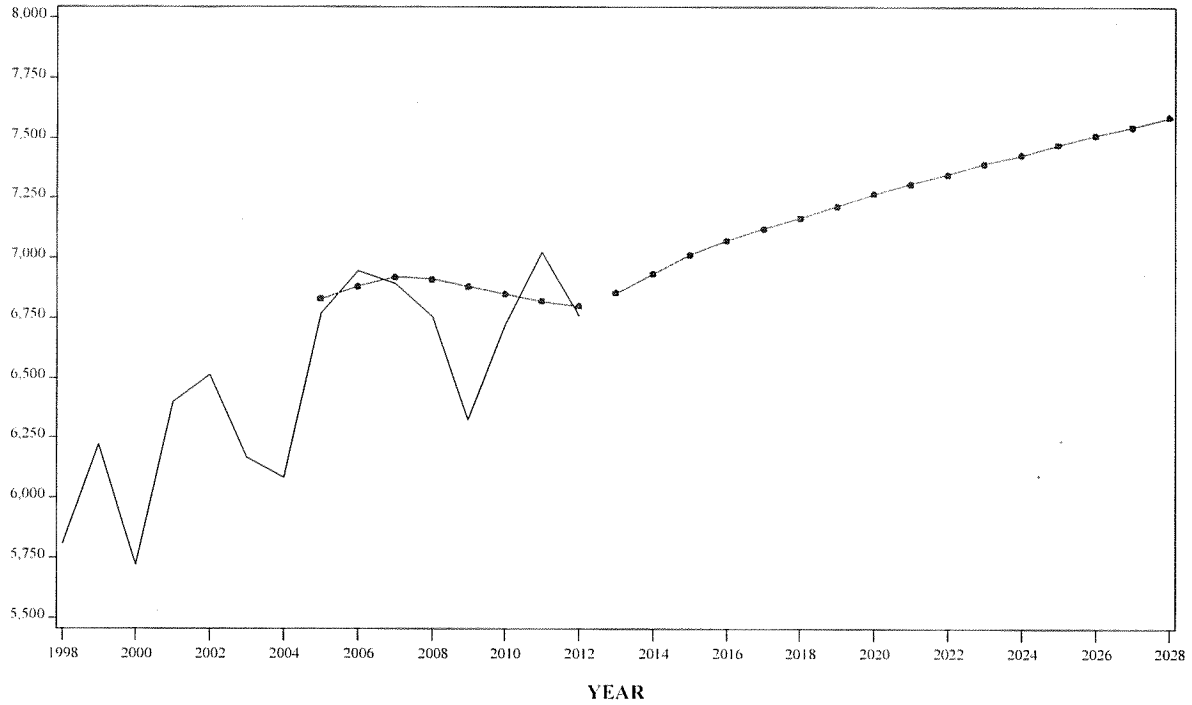
**SUMMER PEAK DEMAND FOR PENLC
GEOGRAPHIC ZONE**



**WINTER PEAK DEMAND FOR PENLC
GEOGRAPHIC ZONE**

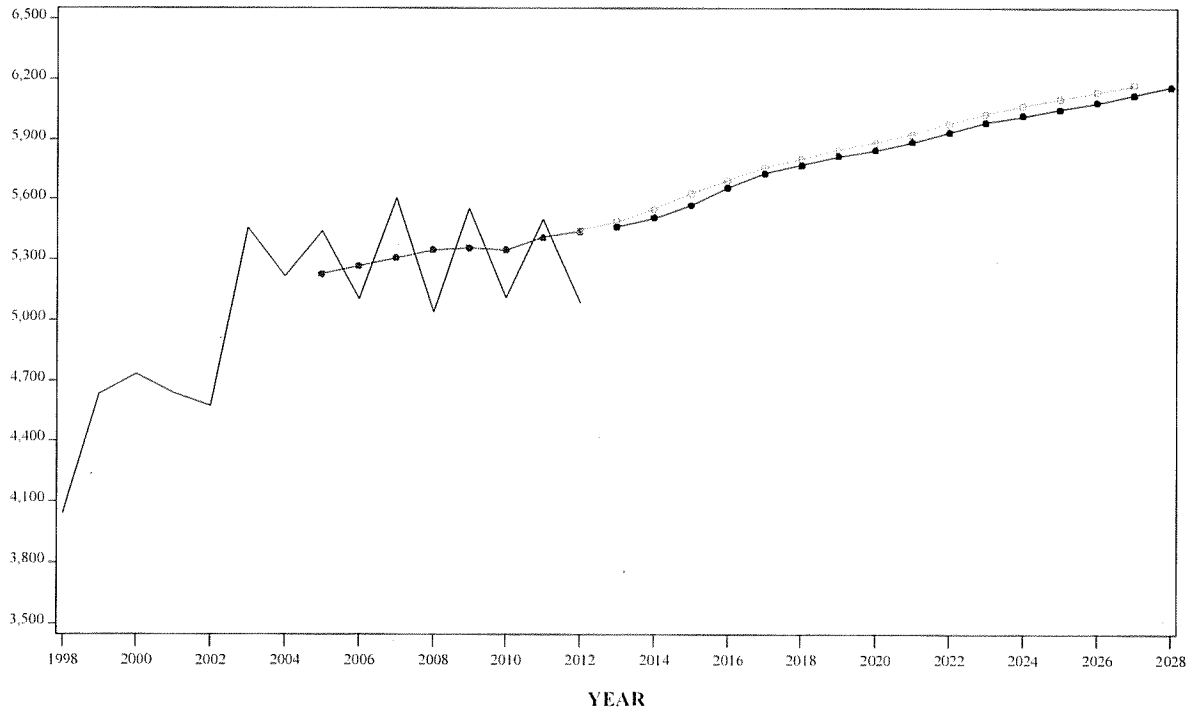


**SUMMER PEAK DEMAND FOR PEPCO
GEOGRAPHIC ZONE**



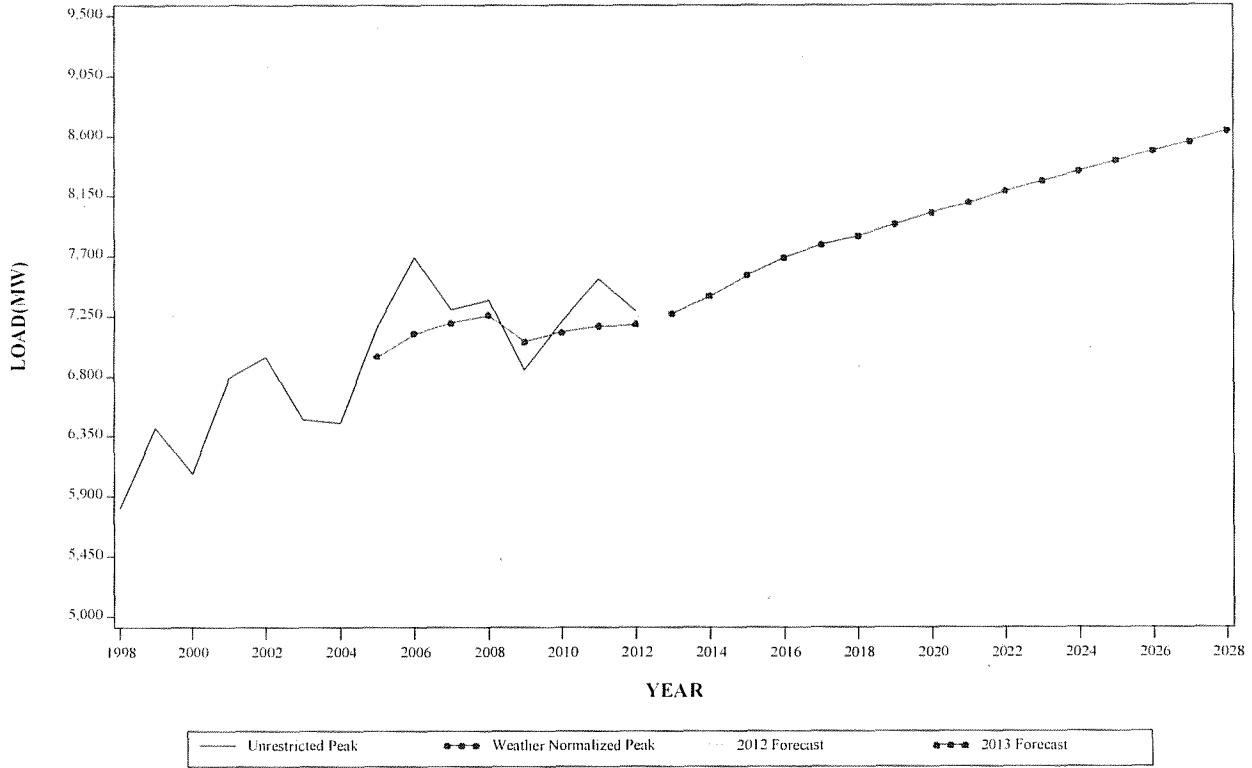
— Unrestricted Peak ●—● Weather Normalized Peak - - - 2012 Forecast ■—■ 2013 Forecast

**WINTER PEAK DEMAND FOR PEPCO
GEOGRAPHIC ZONE**

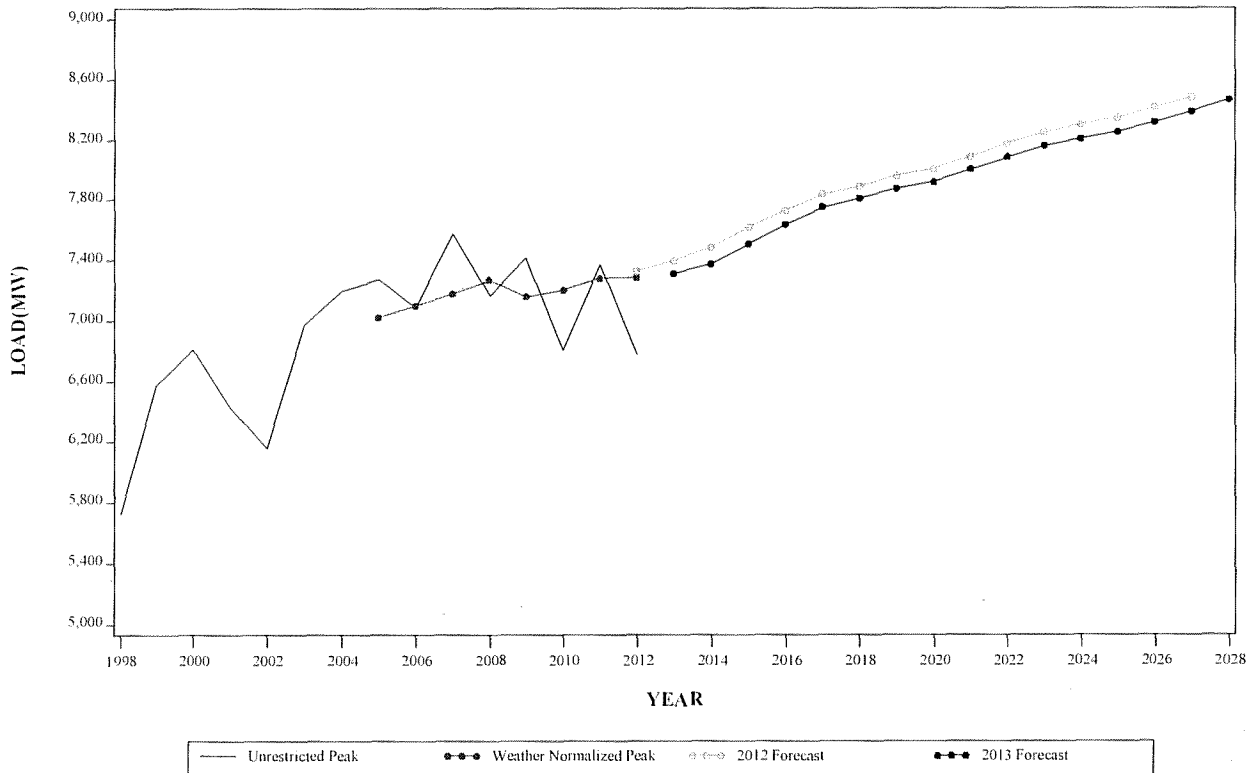


— Unrestricted Peak ●—● Weather Normalized Peak - - - 2012 Forecast ■—■ 2013 Forecast

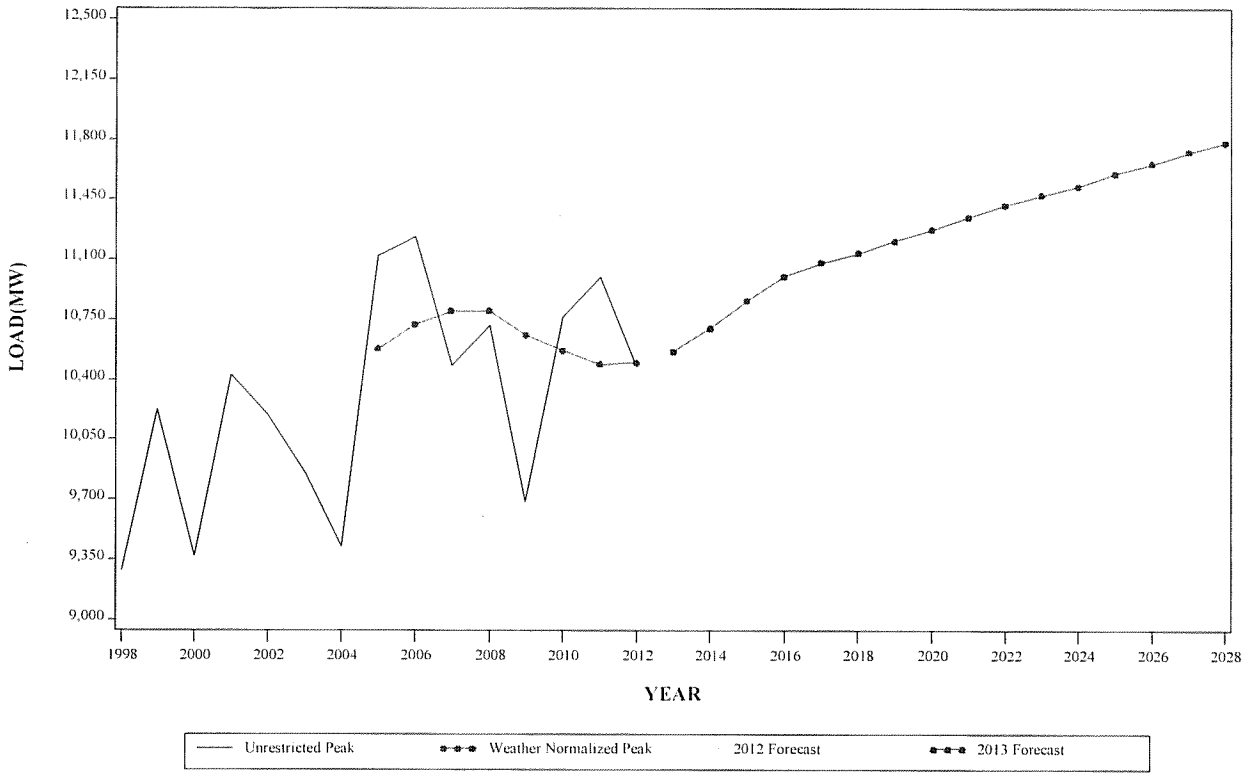
**SUMMER PEAK DEMAND FOR PL
GEOGRAPHIC ZONE**



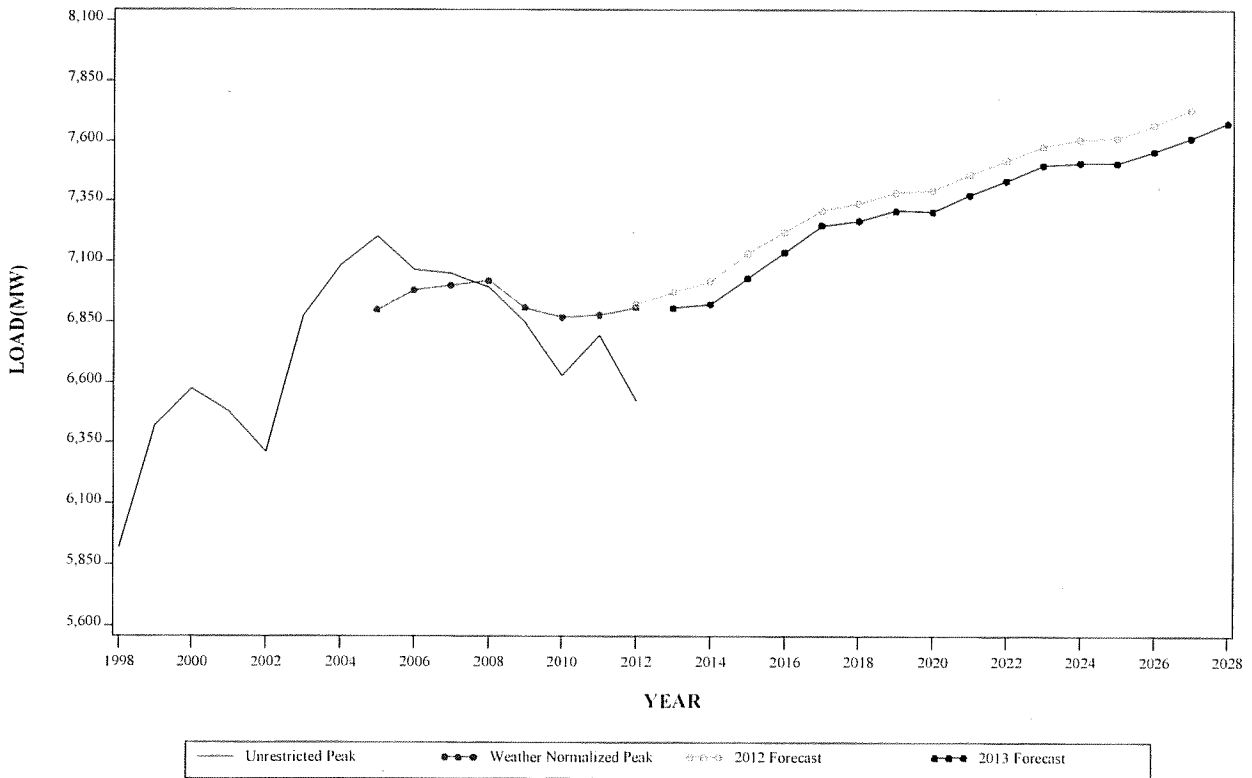
**WINTER PEAK DEMAND FOR PL
GEOGRAPHIC ZONE**



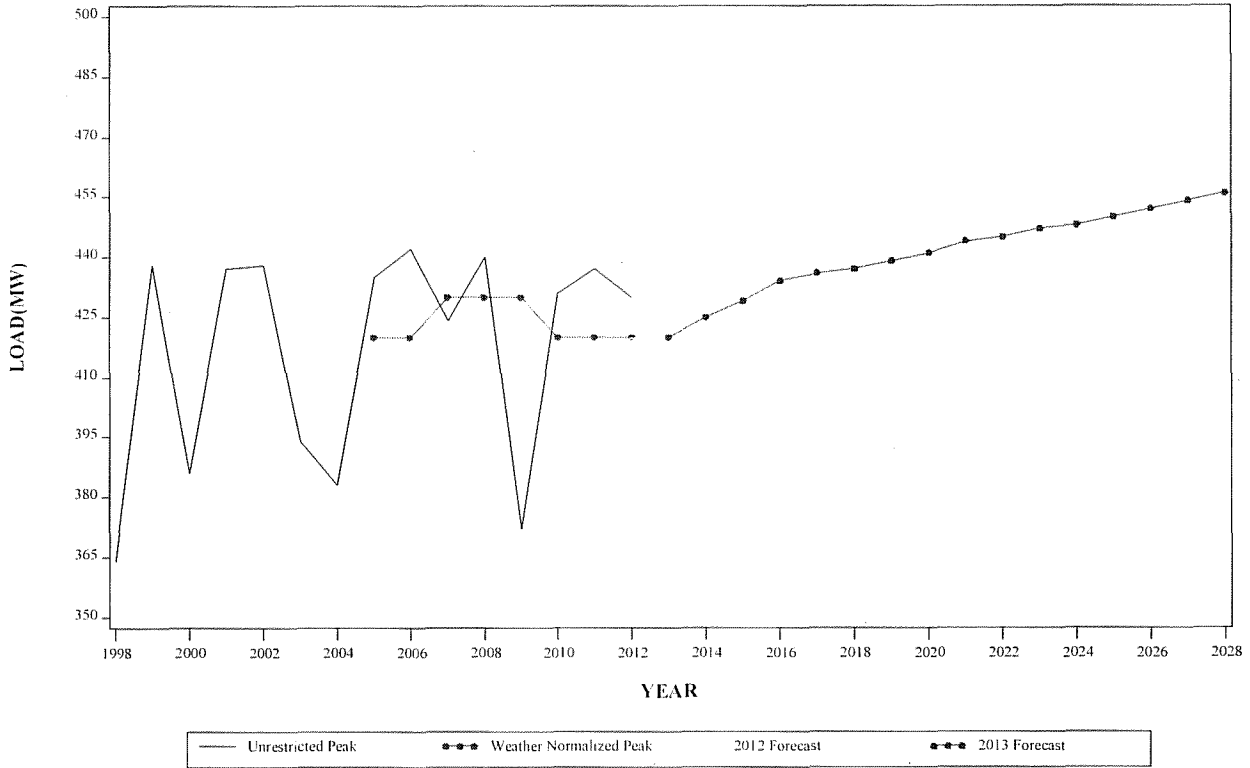
**SUMMER PEAK DEMAND FOR PS
GEOGRAPHIC ZONE**



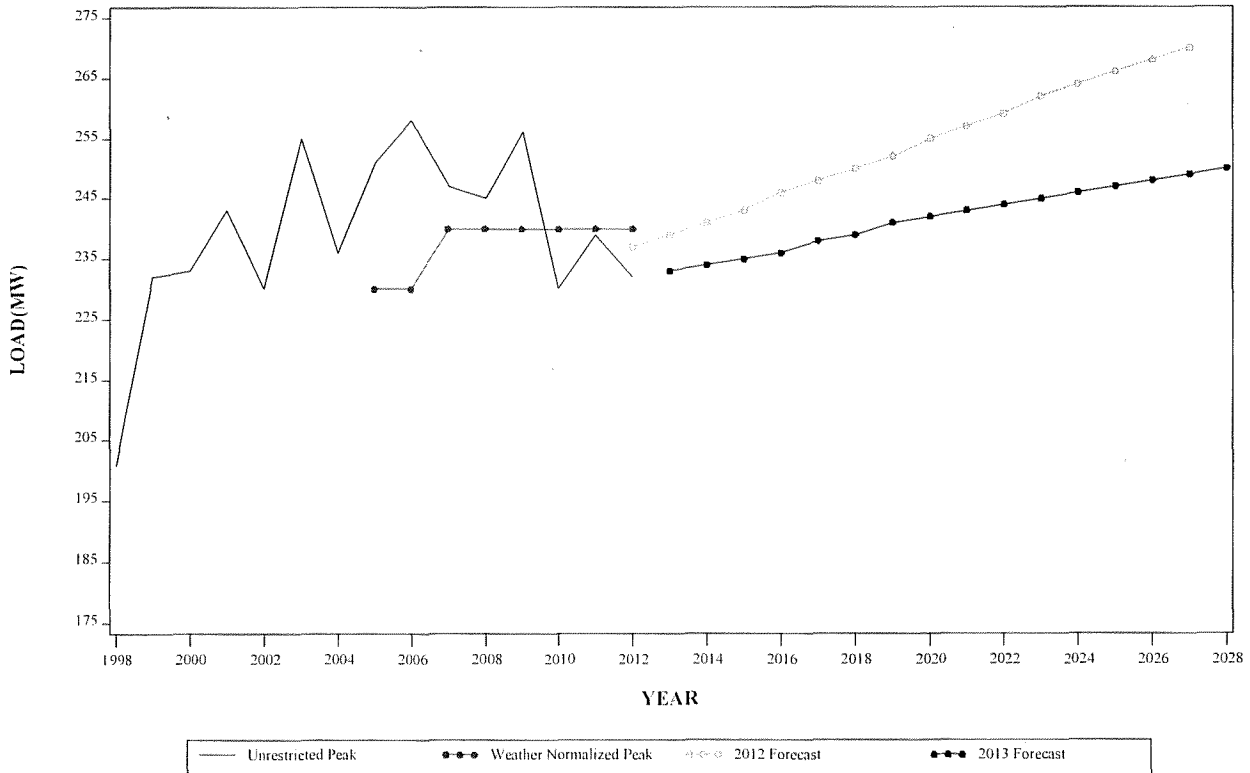
**WINTER PEAK DEMAND FOR PS
GEOGRAPHIC ZONE**



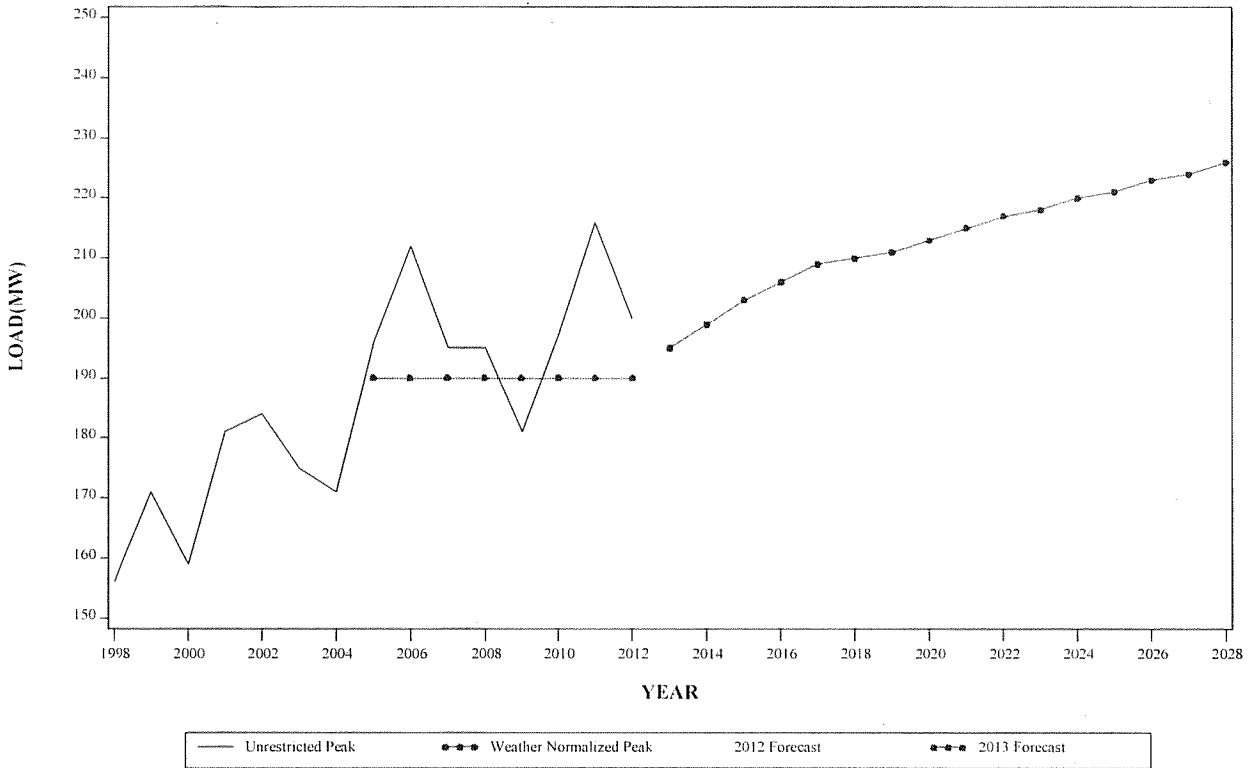
**SUMMER PEAK DEMAND FOR RECO
GEOGRAPHIC ZONE**



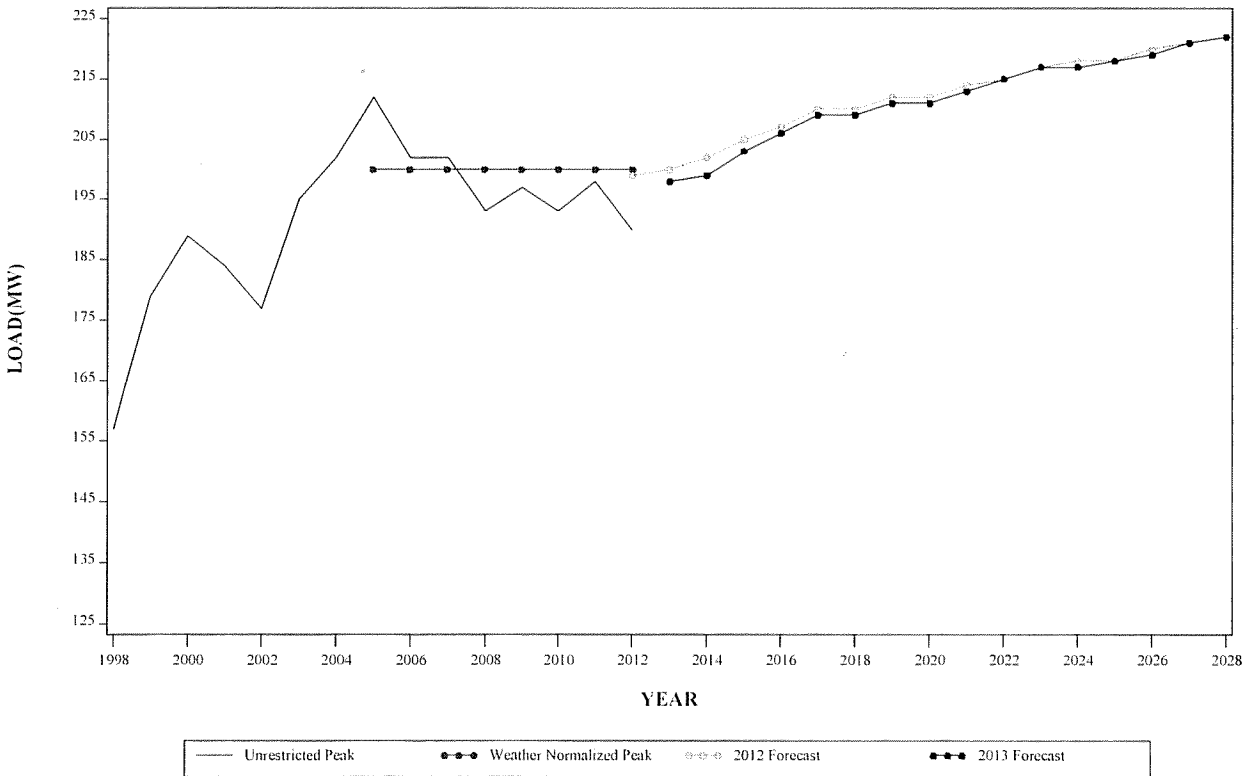
**WINTER PEAK DEMAND FOR RECO
GEOGRAPHIC ZONE**



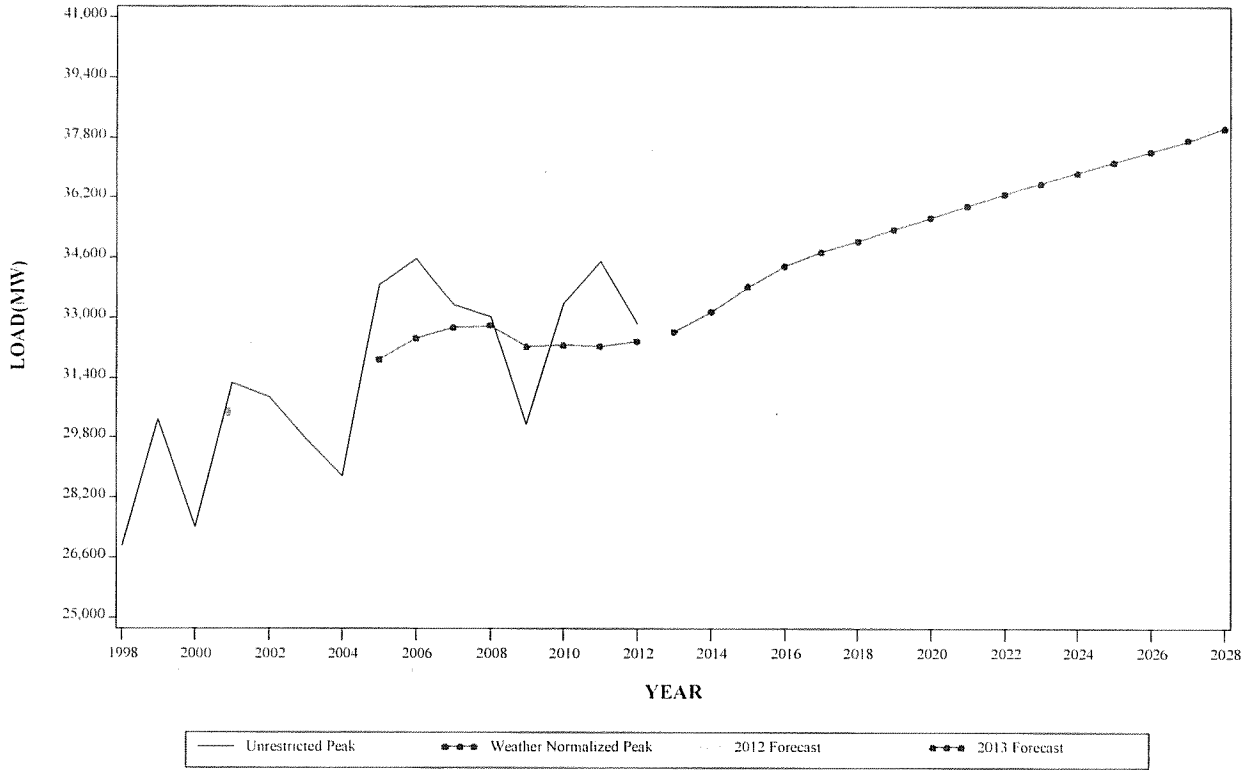
**SUMMER PEAK DEMAND FOR UGI
GEOGRAPHIC ZONE**



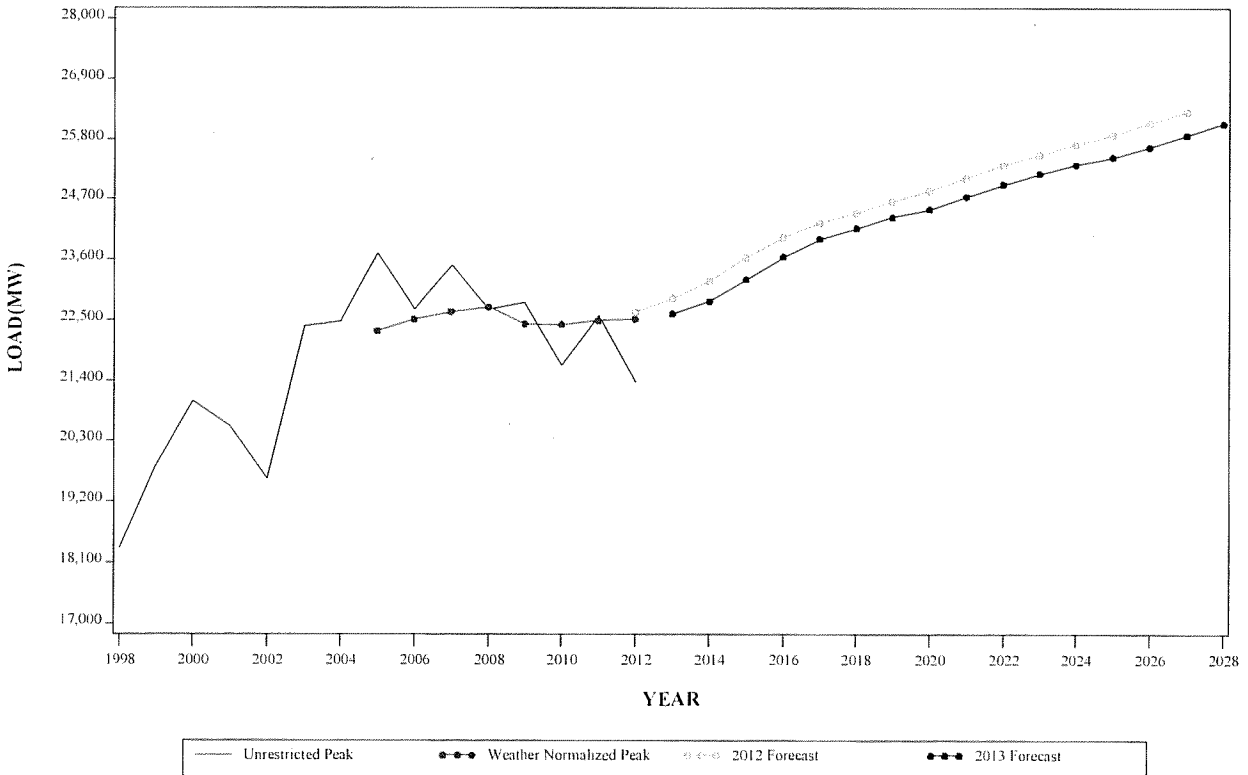
**WINTER PEAK DEMAND FOR UGI
GEOGRAPHIC ZONE**



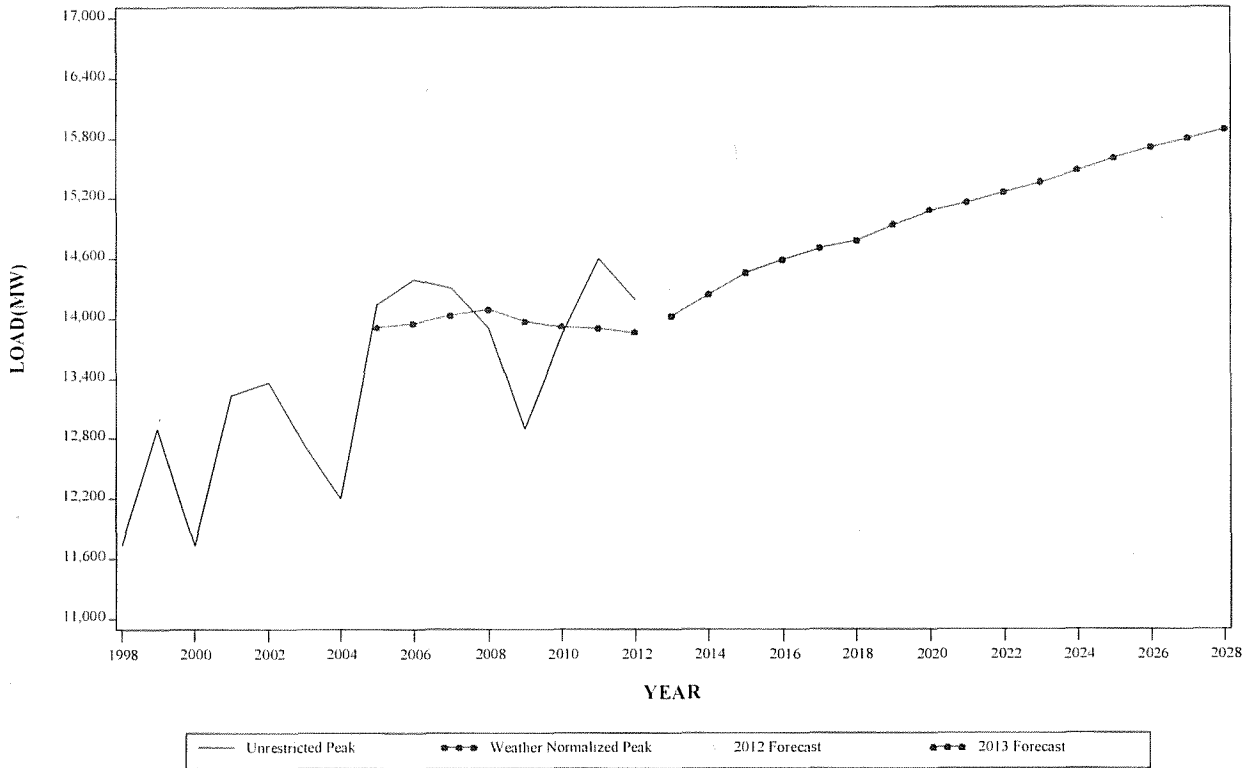
**SUMMER PEAK DEMAND FOR EASTERN MID-ATLANTIC
GEOGRAPHIC ZONE**



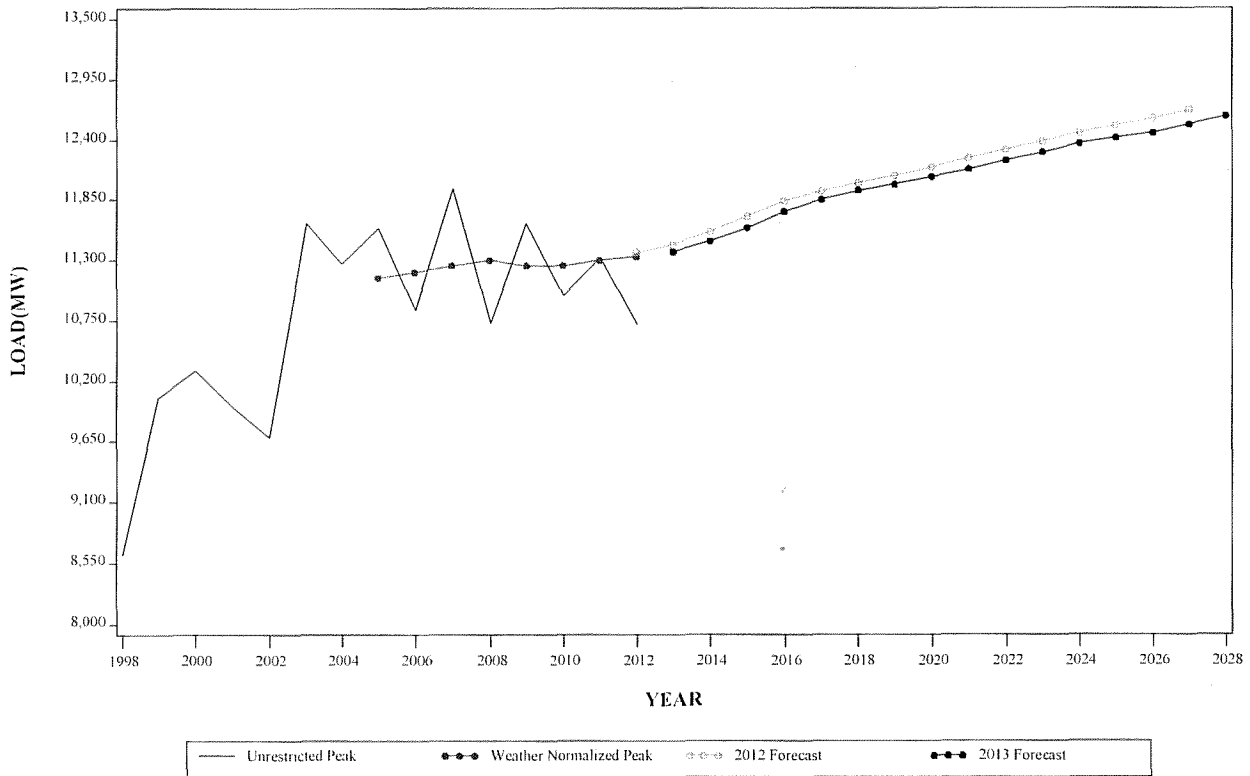
**WINTER PEAK DEMAND FOR EASTERN MID-ATLANTIC
GEOGRAPHIC ZONE**



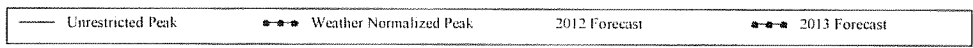
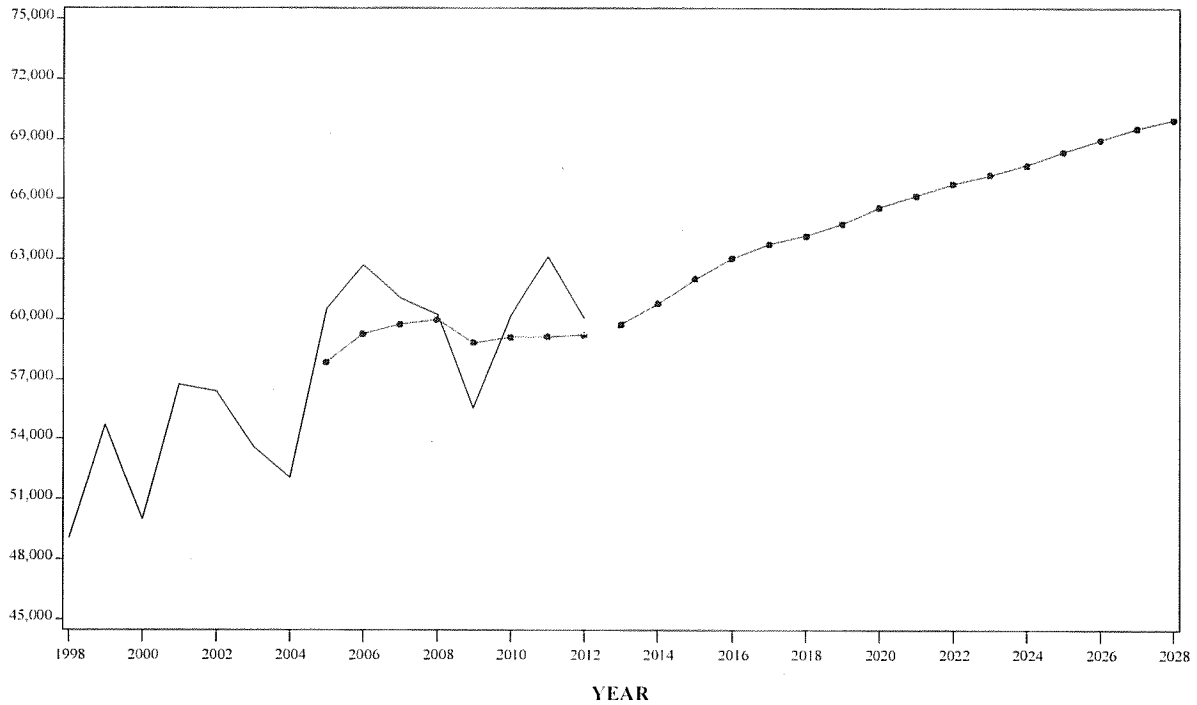
**SUMMER PEAK DEMAND FOR SOUTHERN MID-ATLANTIC
GEOGRAPHIC ZONE**



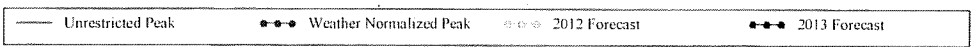
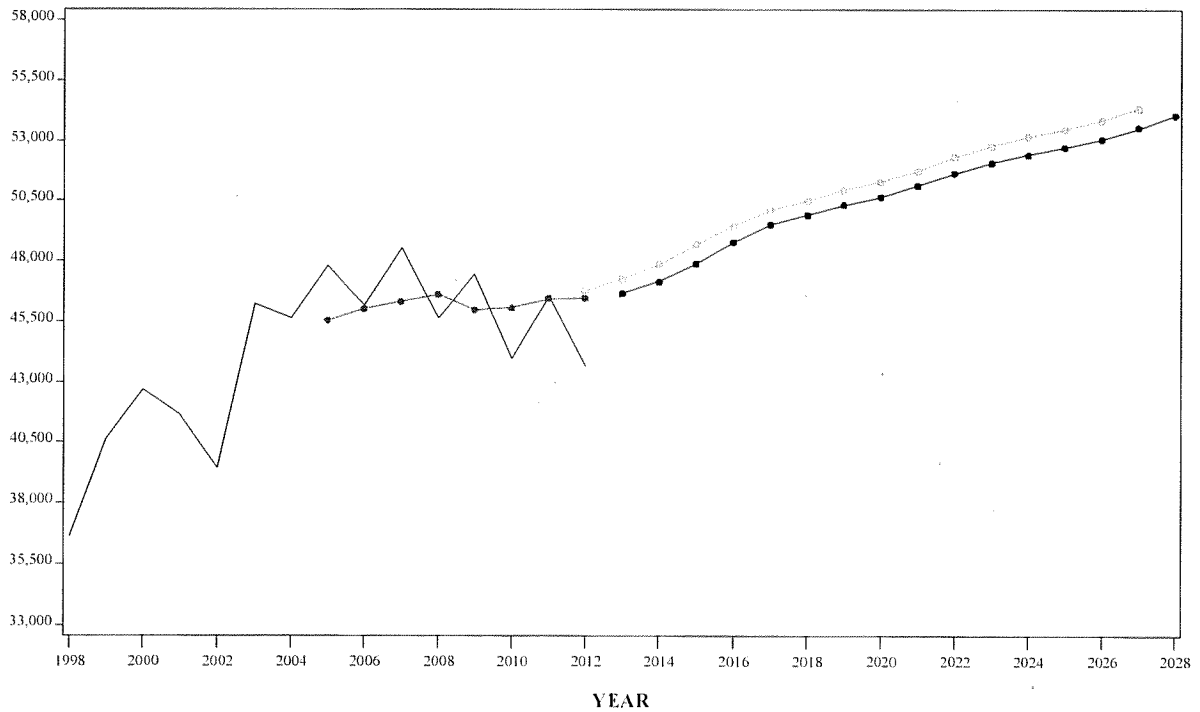
**WINTER PEAK DEMAND FOR SOUTHERN MID-ATLANTIC
GEOGRAPHIC ZONE**



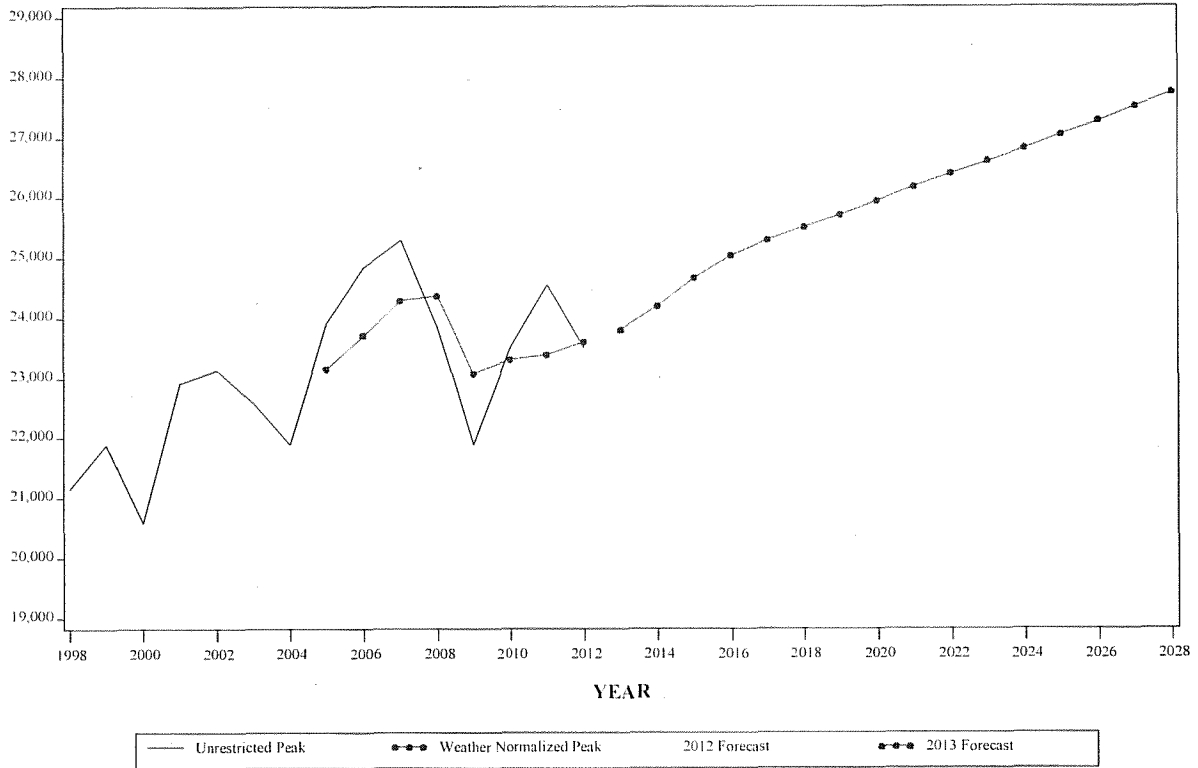
**SUMMER PEAK DEMAND FOR PJM MID-ATLANTIC
GEOGRAPHIC ZONE**



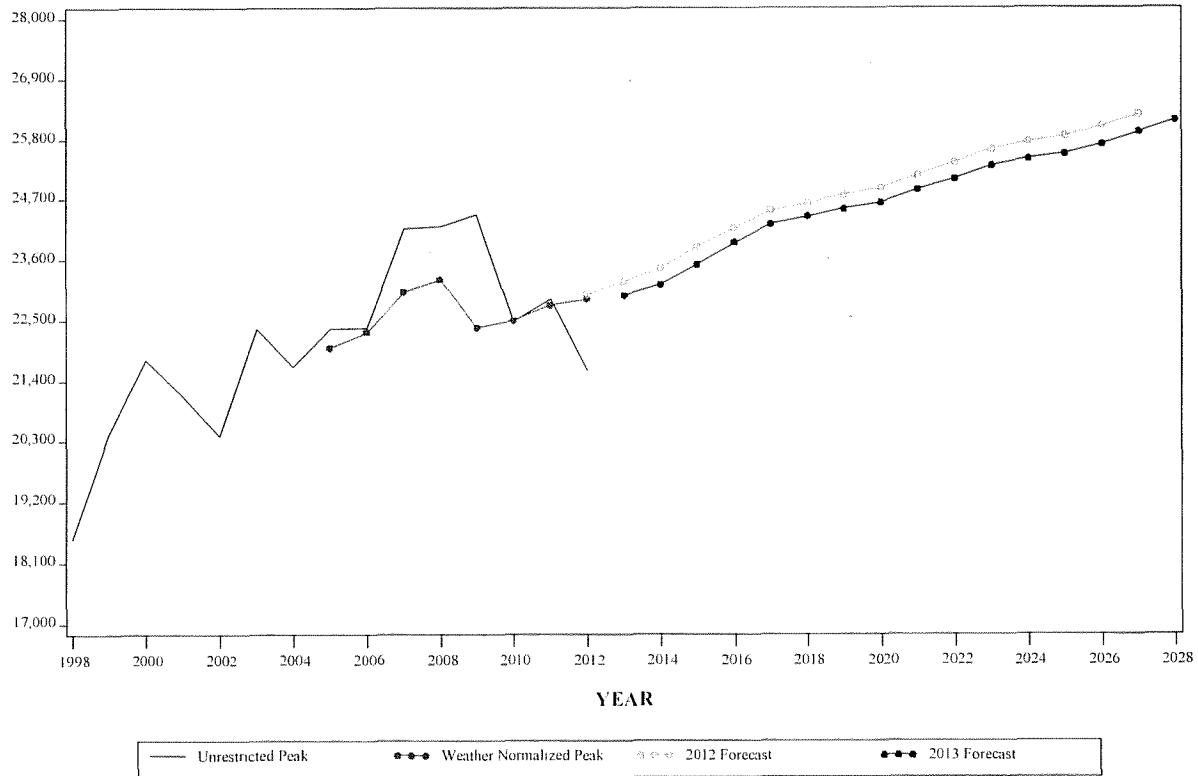
**WINTER PEAK DEMAND FOR PJM MID-ATLANTIC
GEOGRAPHIC ZONE**



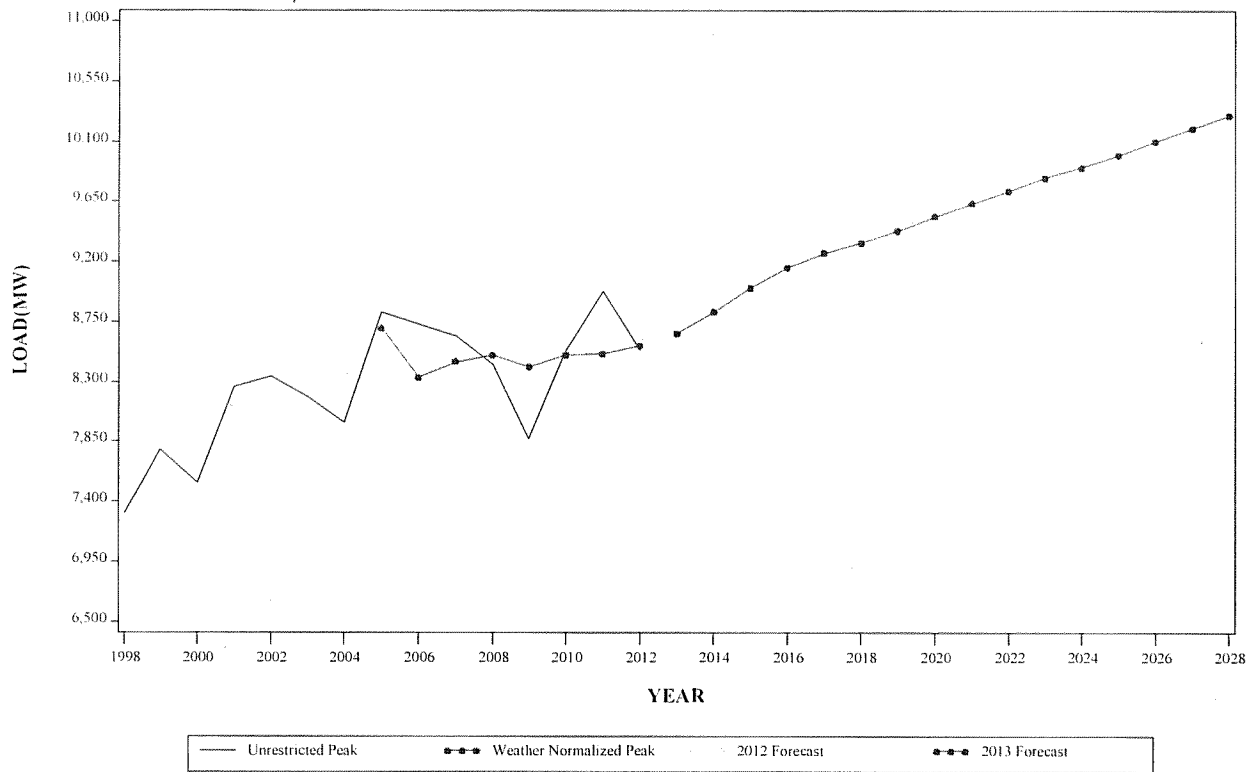
**SUMMER PEAK DEMAND FOR AEP
GEOGRAPHIC ZONE**



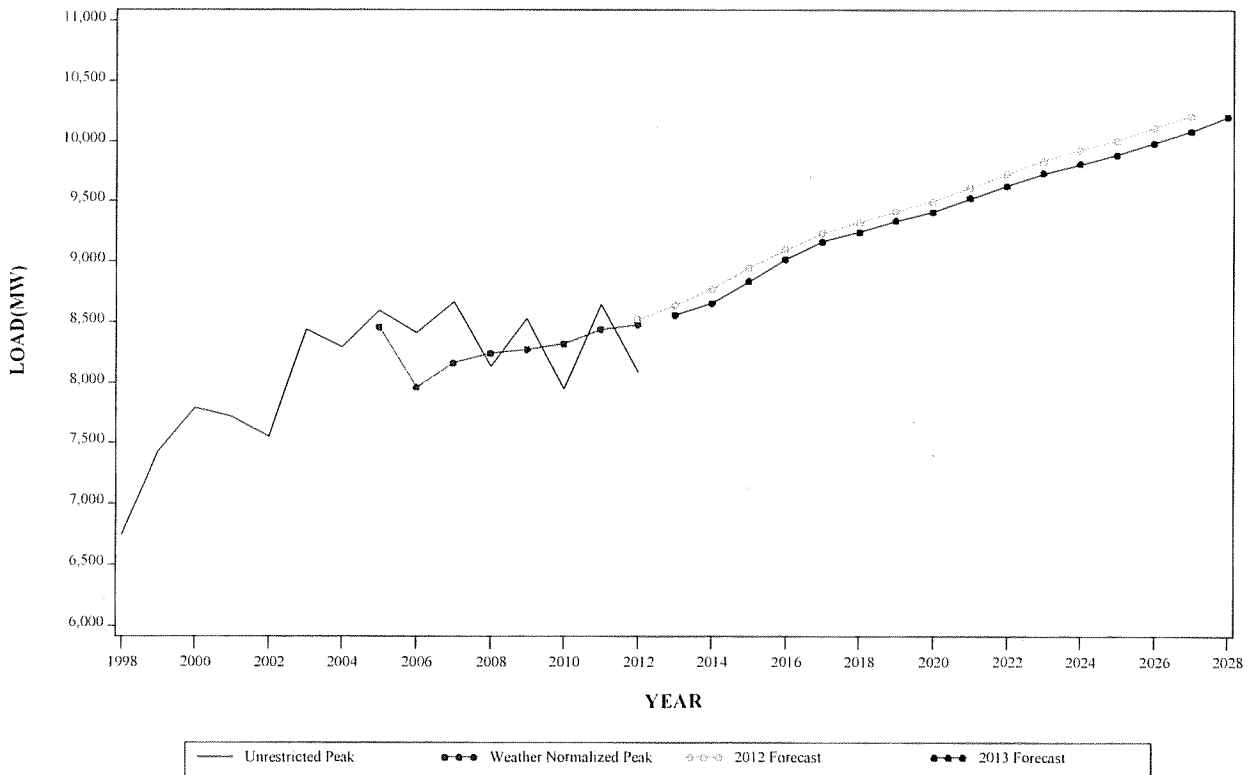
**WINTER PEAK DEMAND FOR AEP
GEOGRAPHIC ZONE**



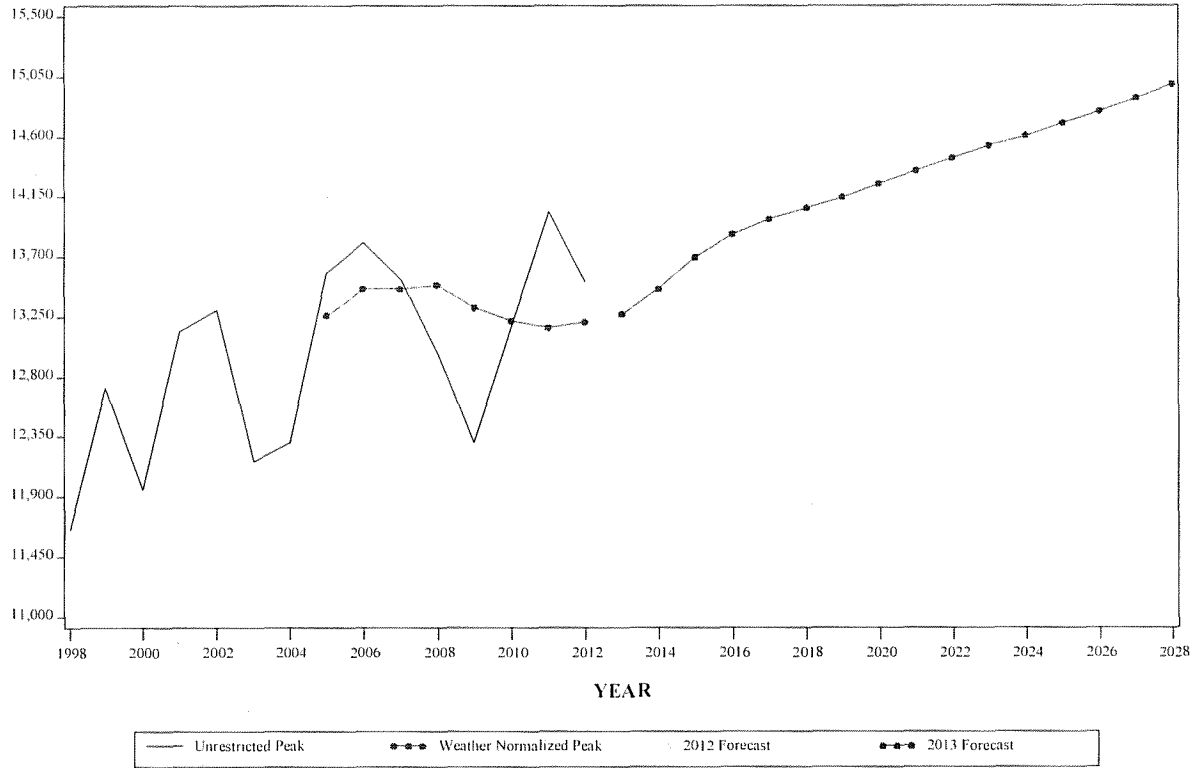
**SUMMER PEAK DEMAND FOR APS
GEOGRAPHIC ZONE**



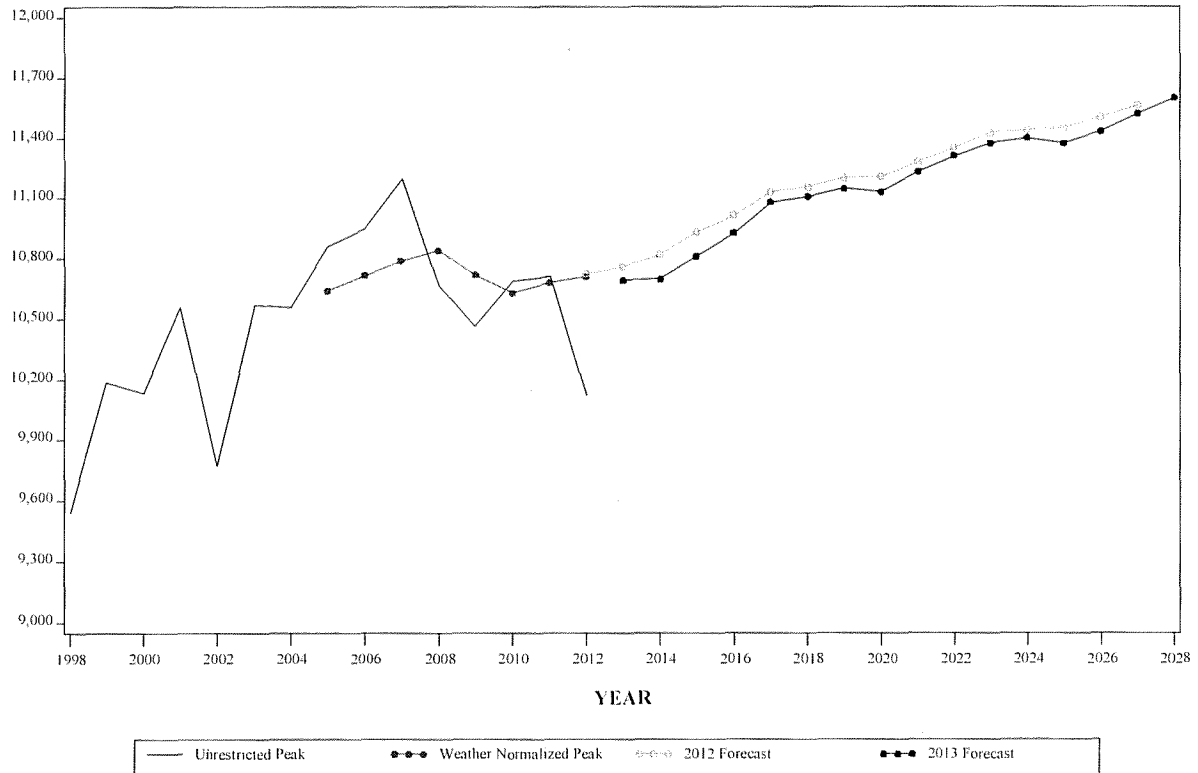
**WINTER PEAK DEMAND FOR APS
GEOGRAPHIC ZONE**



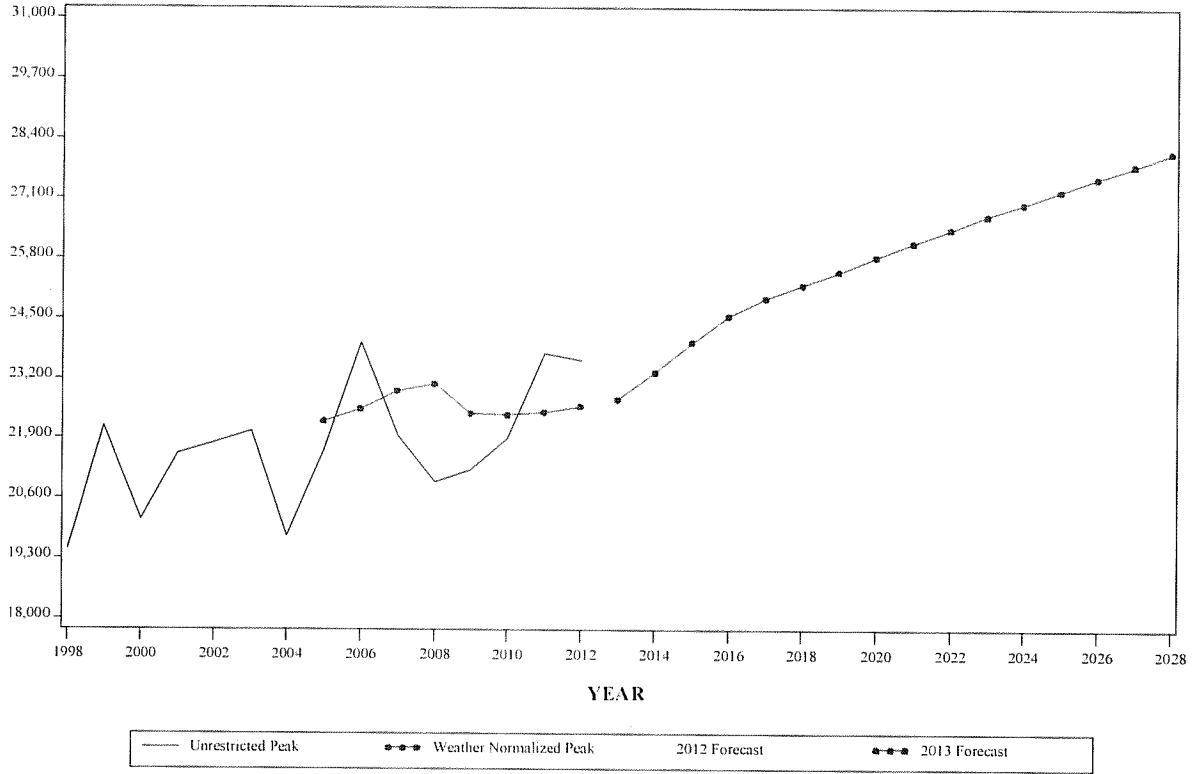
**SUMMER PEAK DEMAND FOR ATSI
GEOGRAPHIC ZONE**



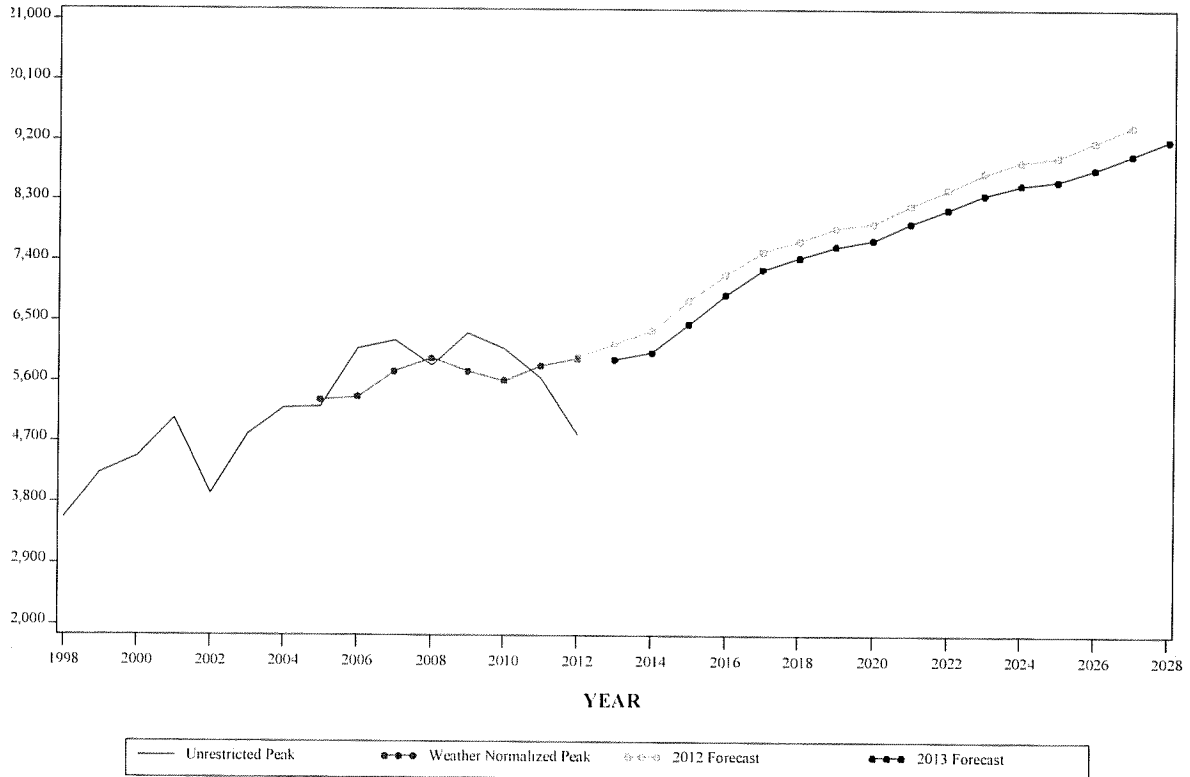
**WINTER PEAK DEMAND FOR ATSI
GEOGRAPHIC ZONE**



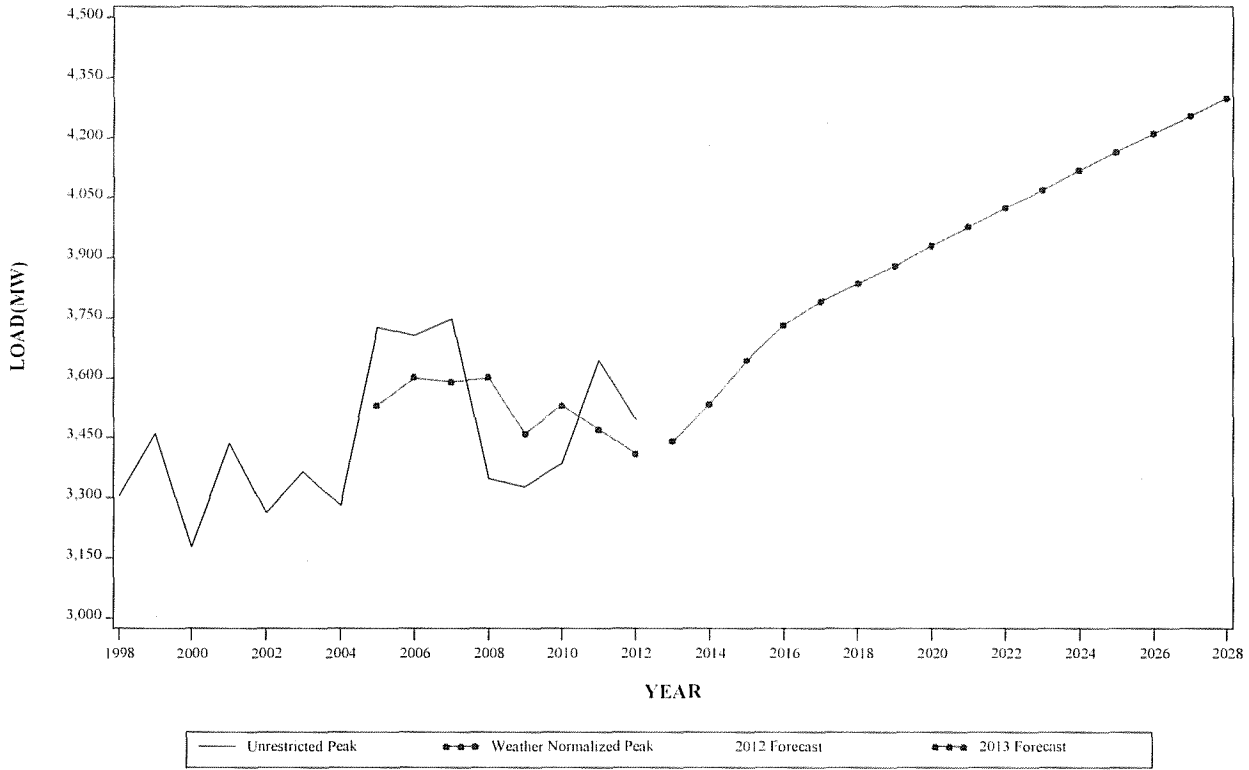
**SUMMER PEAK DEMAND FOR COMED
GEOGRAPHIC ZONE**



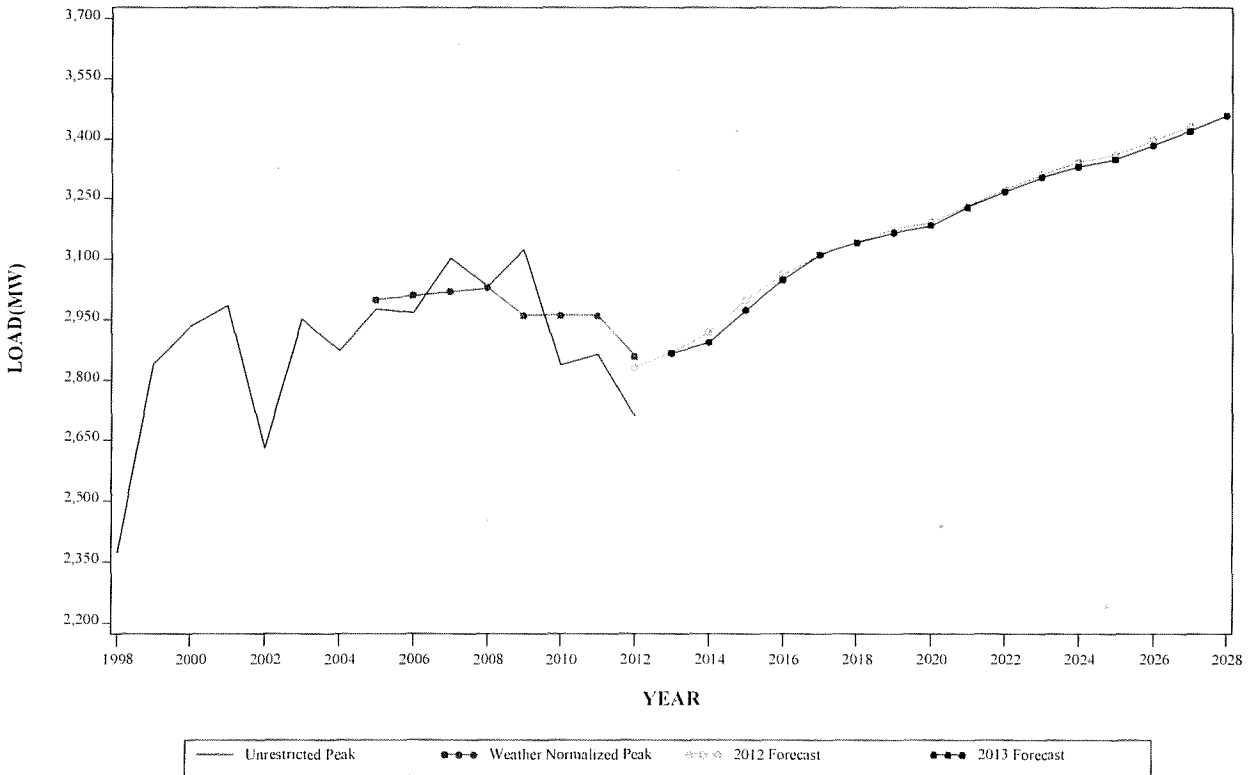
**WINTER PEAK DEMAND FOR COMED
GEOGRAPHIC ZONE**



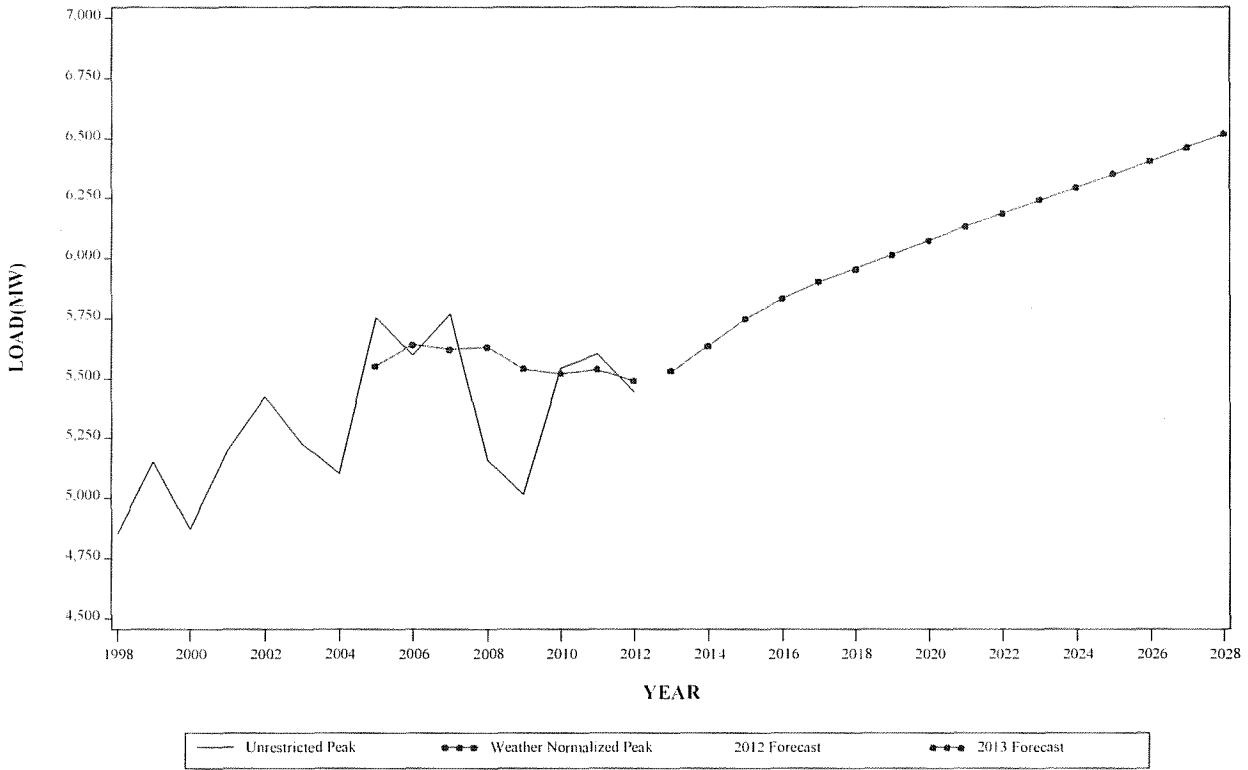
**SUMMER PEAK DEMAND FOR DAYTON
GEOGRAPHIC ZONE**



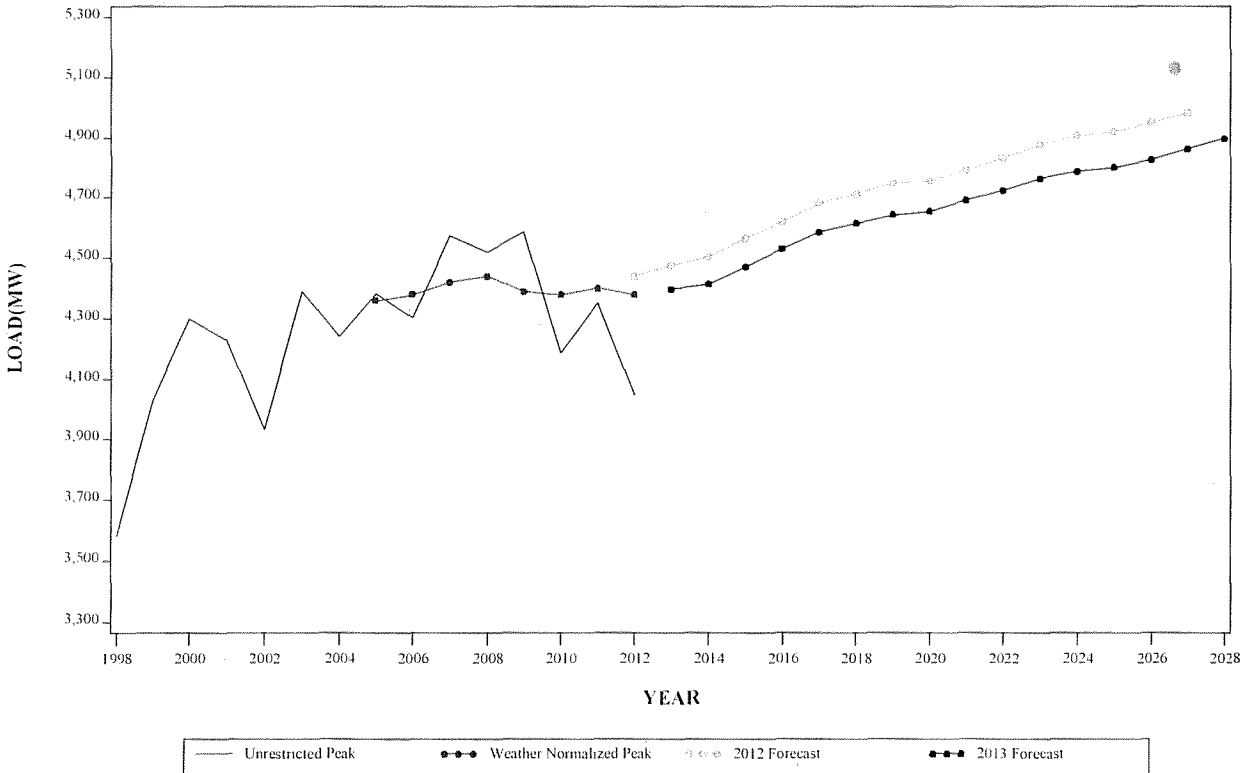
**WINTER PEAK DEMAND FOR DAYTON
GEOGRAPHIC ZONE**



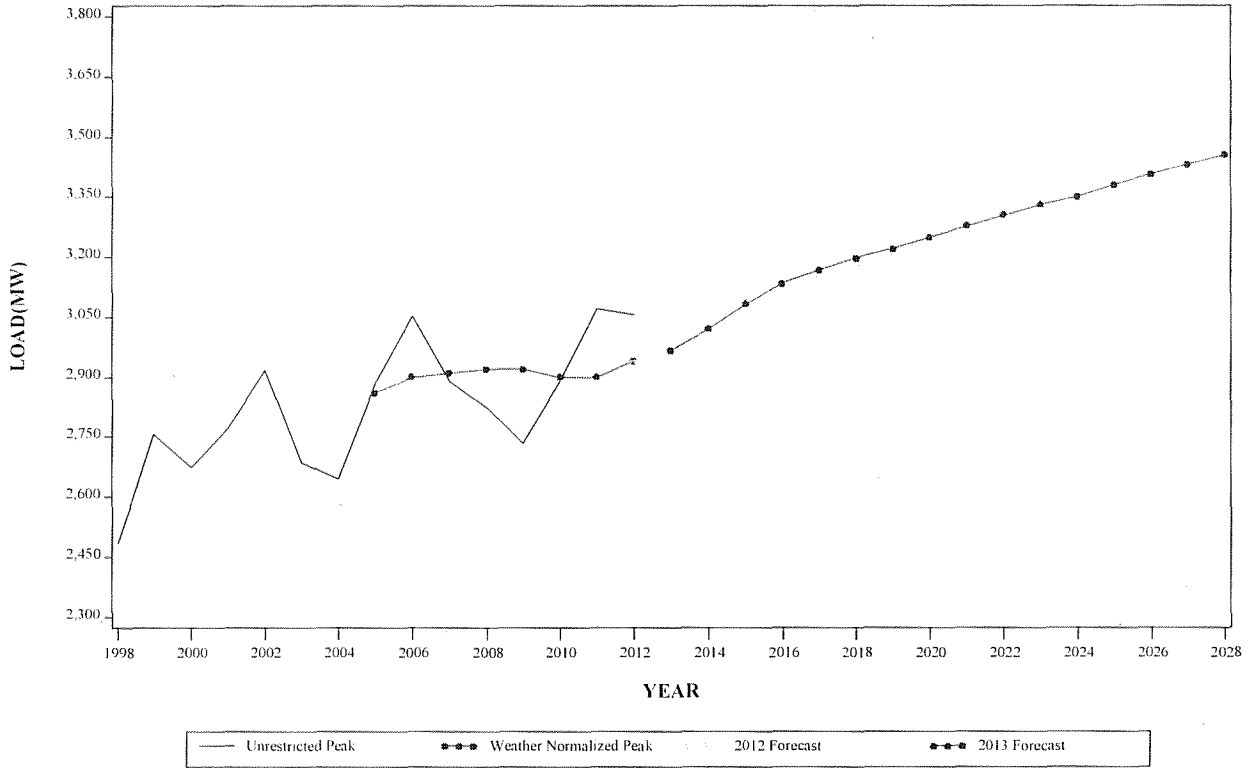
**SUMMER PEAK DEMAND FOR DEOK
GEOGRAPHIC ZONE**



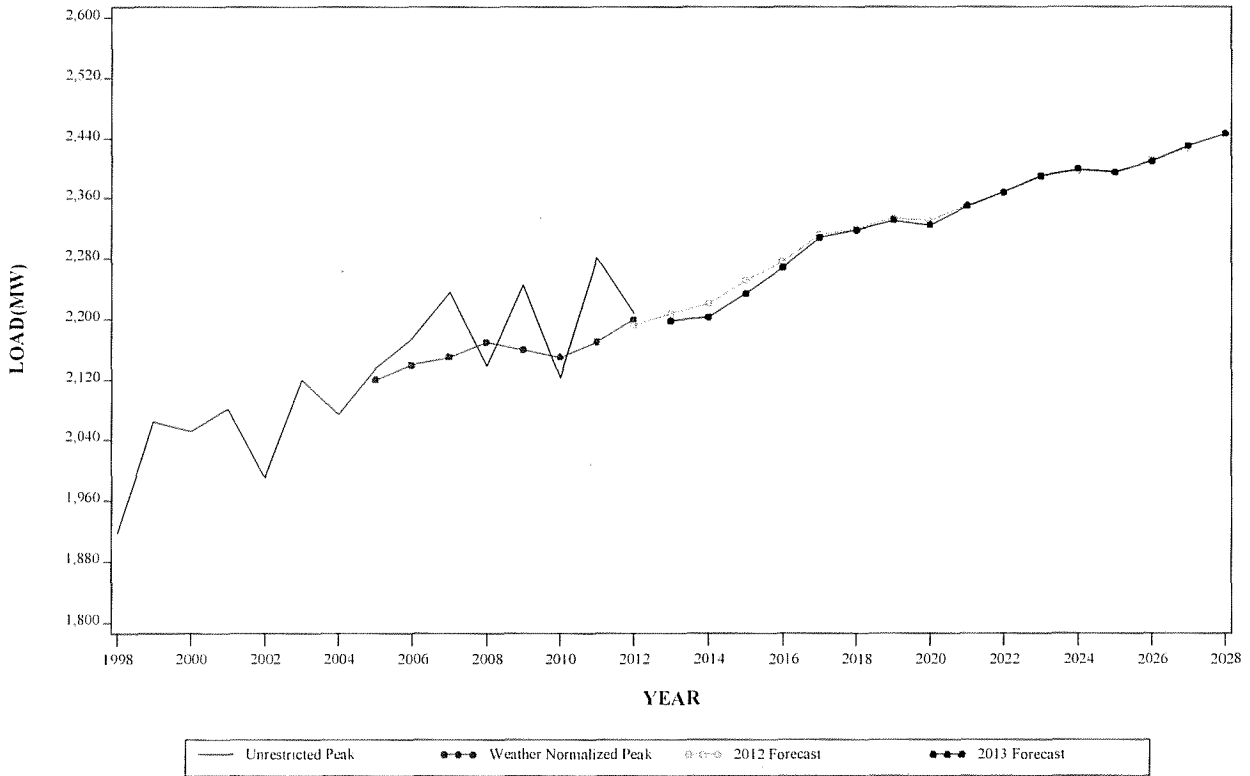
**WINTER PEAK DEMAND FOR DEOK
GEOGRAPHIC ZONE**



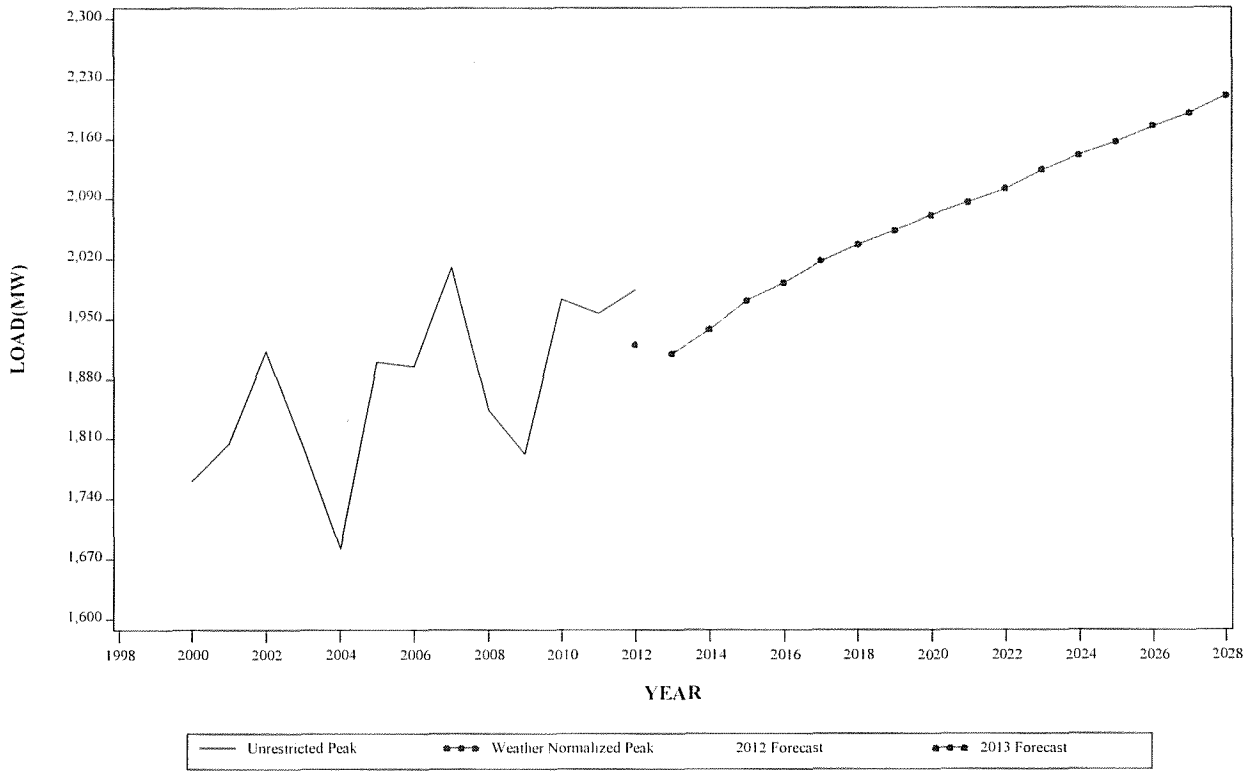
**SUMMER PEAK DEMAND FOR DLCO
GEOGRAPHIC ZONE**



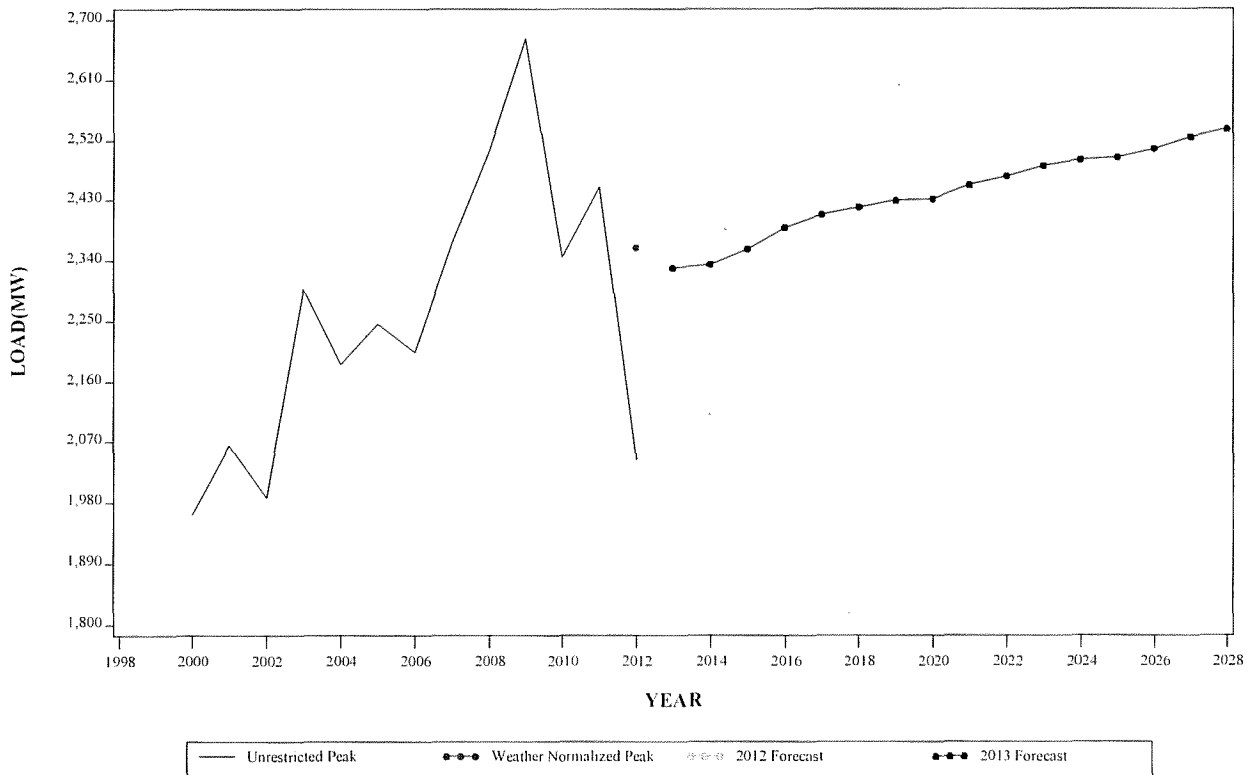
**WINTER PEAK DEMAND FOR DLCO
GEOGRAPHIC ZONE**



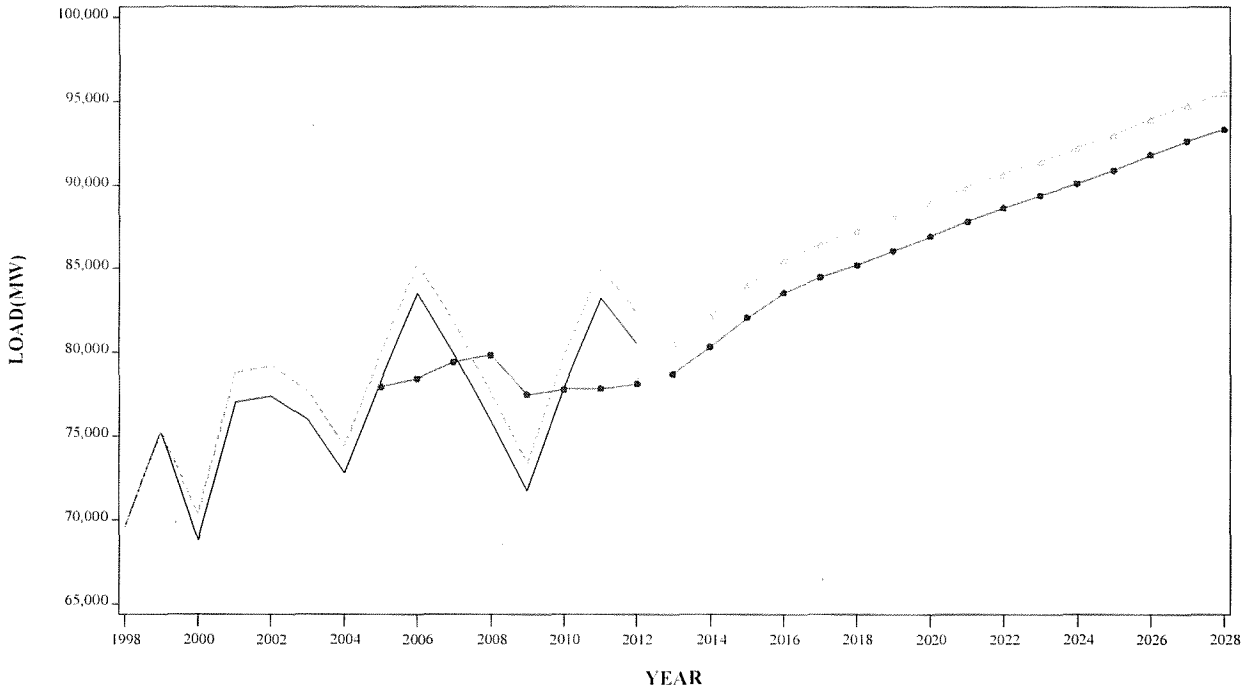
**SUMMER PEAK DEMAND FOR EKPC
GEOGRAPHIC ZONE**



**WINTER PEAK DEMAND FOR EKPC
GEOGRAPHIC ZONE**

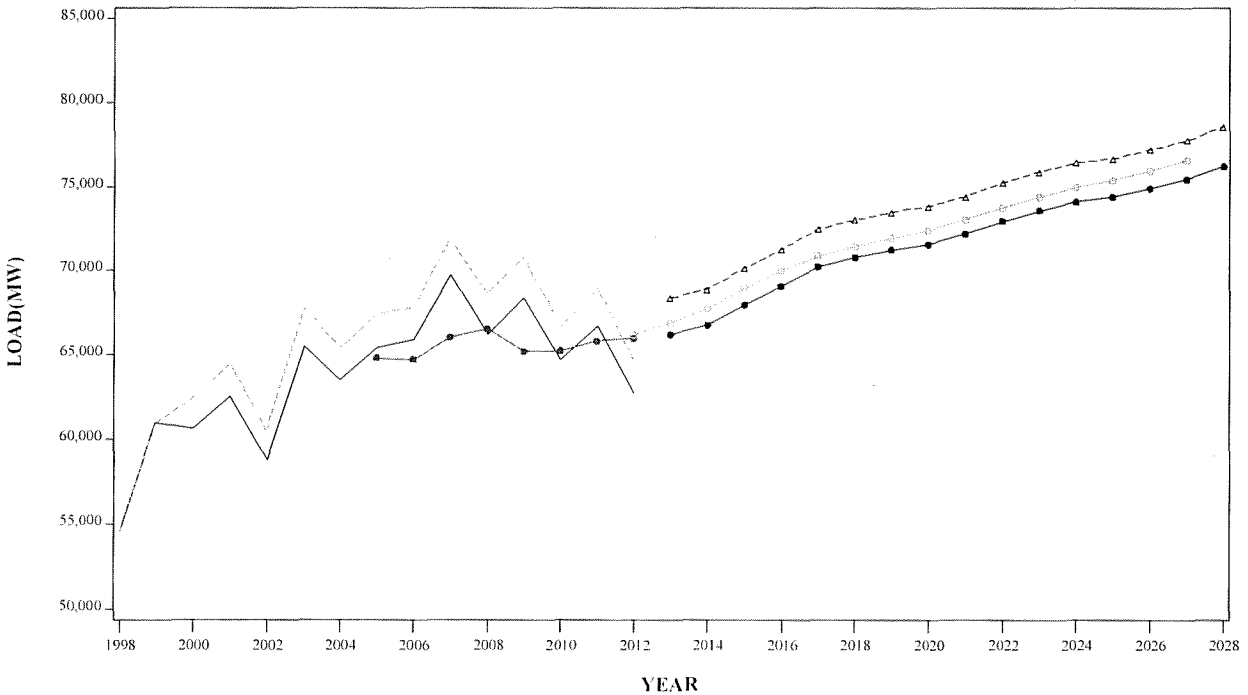


**SUMMER PEAK DEMAND FOR PJM WESTERN
GEOGRAPHIC ZONE**



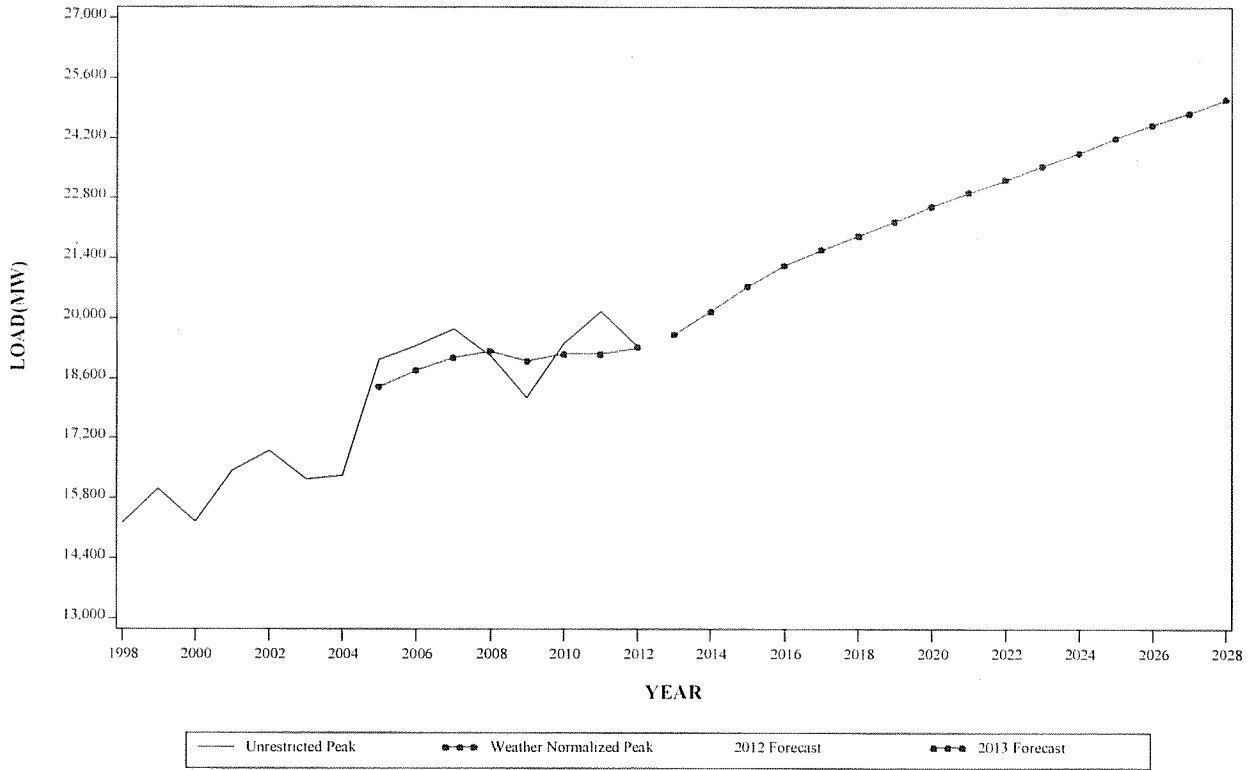
PJM WESTERN Unrestricted Peak
 2012 PJM WESTERN Forecast
 ●●● Weather Normalized Peak
 ●●● 2013 PJM WESTERN Forecast
 PJM WESTERN with EKPC Unrestricted Peak
 ▲▲▲ 2013 PJM WESTERN with EKPC Forecast

**WINTER PEAK DEMAND FOR PJM WESTERN
GEOGRAPHIC ZONE**

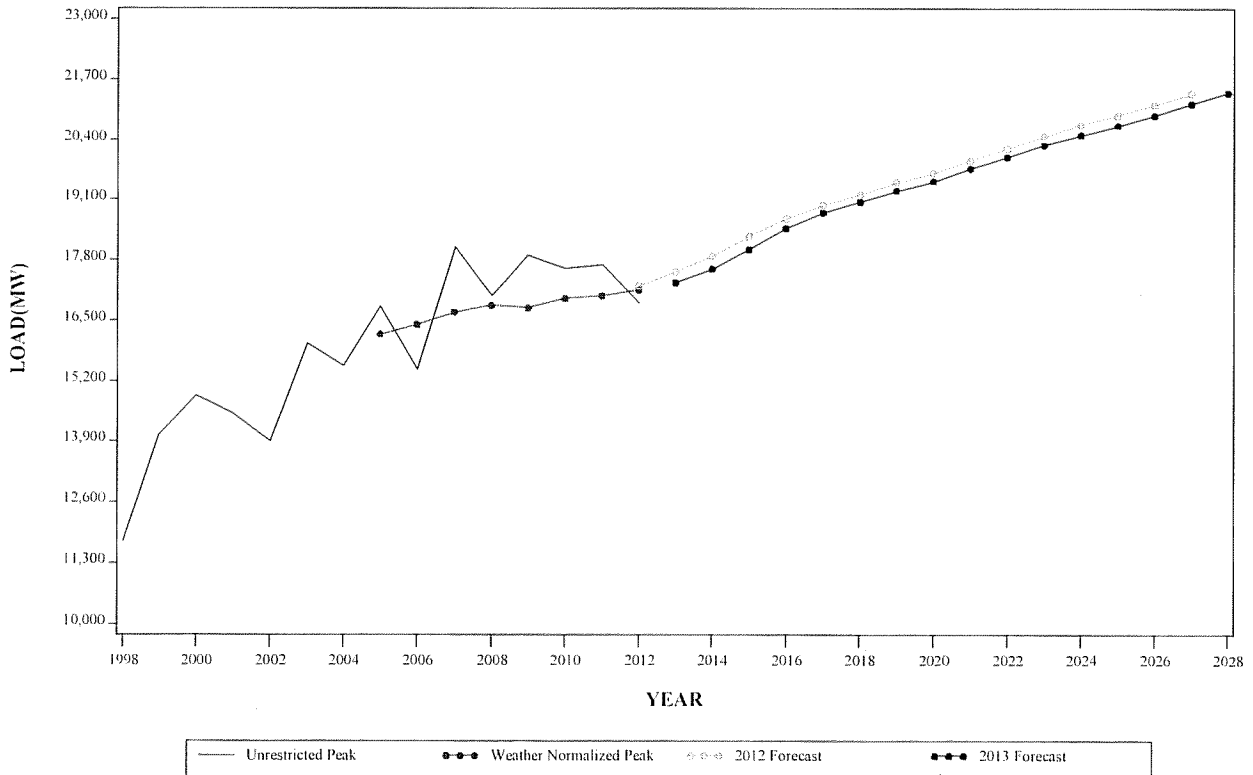


PJM WESTERN Unrestricted Peak
 2012 PJM WESTERN Forecast
 ●●● Weather Normalized Peak
 ●●● 2013 PJM WESTERN Forecast
 PJM WESTERN with EKPC Unrestricted Peak
 ▲▲▲ 2013 PJM WESTERN with EKPC Forecast

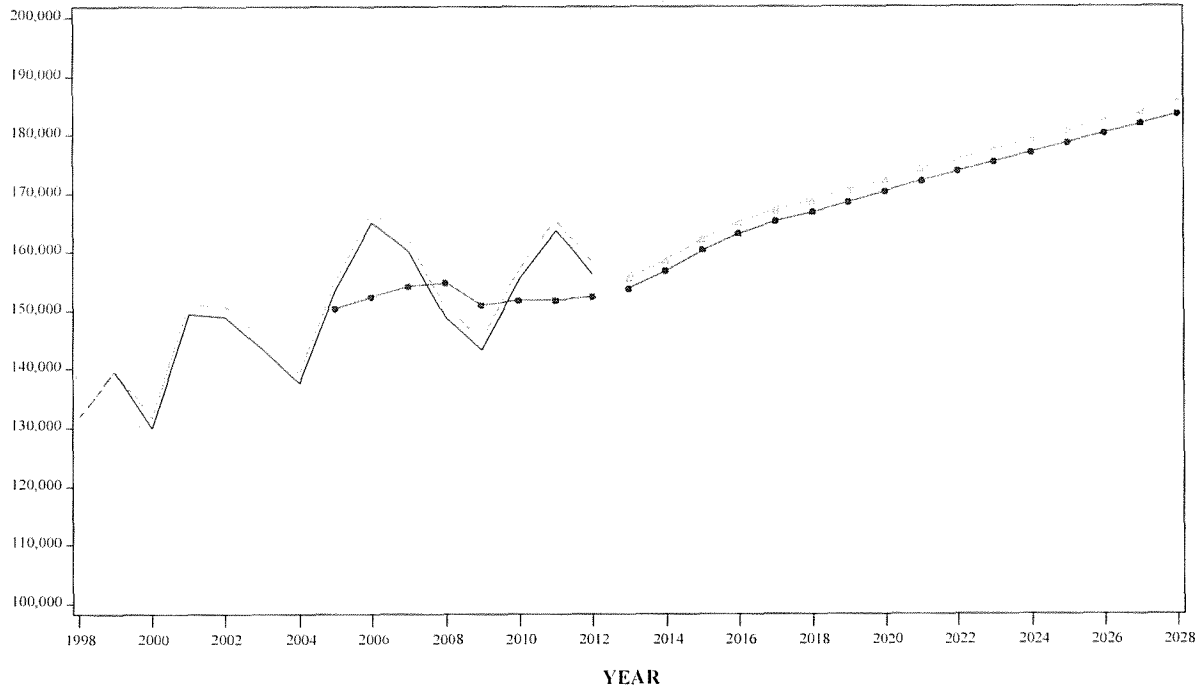
**SUMMER PEAK DEMAND FOR DOM
GEOGRAPHIC ZONE**



**WINTER PEAK DEMAND FOR DOM
GEOGRAPHIC ZONE**

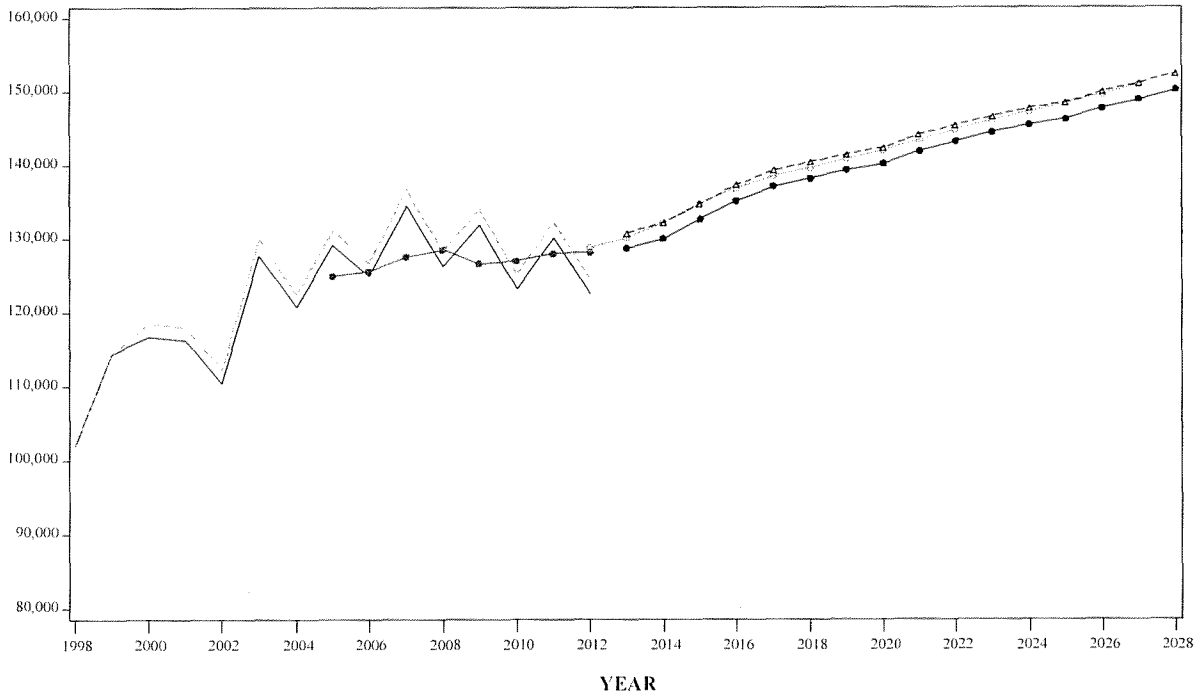


**SUMMER PEAK DEMAND FOR PJM RTO
GEOGRAPHIC ZONE**



— PJM RTO Unrestricted Peak 2012 PJM RTO Forecast	●●● Weather Normalized Peak ●●● 2013 PJM RTO Forecast	····· PJM RTO with EKPC Unrestricted Peak ▲▲▲ 2013 PJM RTO with EKPC Forecast
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**WINTER PEAK DEMAND FOR PJM RTO
GEOGRAPHIC ZONE**



— PJM RTO Unrestricted Peak 2012 PJM RTO Forecast	●●● Weather Normalized Peak ●●● 2013 PJM RTO Forecast	····· PJM RTO with EKPC Unrestricted Peak ▲▲▲ 2013 PJM RTO with EKPC Forecast
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Table A-1

PJM MID-ATLANTIC REGION
SUMMER PEAK LOAD COMPARISONS OF THE CURRENT FORECAST
TO THE JANUARY 2012 LOAD FORECAST REPORT

INCREASE OR DECREASE OVER PRIOR FORECAST

	2013		2018		2023	
	MW	%	MW	%	MW	%
AE	(1)	-0.0%	19	0.6%	16	0.5%
BGE	(96)	-1.3%	(99)	-1.3%	(123)	-1.5%
DPL	(25)	-0.6%	(9)	-0.2%	(31)	-0.7%
JCPL	(85)	-1.3%	(78)	-1.1%	(54)	-0.8%
METED	(52)	-1.7%	(42)	-1.3%	(46)	-1.3%
PECO	(210)	-2.4%	(191)	-2.0%	(237)	-2.3%
PENLC	(66)	-2.2%	(45)	-1.4%	(51)	-1.4%
PEPCO	(85)	-1.2%	(116)	-1.6%	(148)	-2.0%
PL	(104)	-1.4%	(89)	-1.1%	(100)	-1.2%
PS	(145)	-1.4%	(131)	-1.2%	(165)	-1.4%
RECO	(5)	-1.2%	(14)	-3.1%	(20)	-4.3%
UGI	(2)	-1.0%	0	0.0%	0	0.0%
PJM MID-ATLANTIC	(833)	-1.4%	(770)	-1.2%	(965)	-1.4%
FE-EAST	(208)	-1.7%	(167)	-1.3%	(195)	-1.4%
PLGRP	(110)	-1.5%	(90)	-1.1%	(105)	-1.2%

Table A-1

PJM WESTERN REGION, PJM SOUTHERN REGION AND PJM RTO
 SUMMER PEAK LOAD COMPARISONS OF THE CURRENT FORECAST
 TO THE JANUARY 2012 LOAD FORECAST REPORT

INCREASE OR DECREASE OVER PRIOR FORECAST

	2013		2018		2023	
	MW	%	MW	%	MW	%
AEP	(280)	-1.2%	(271)	-1.1%	(332)	-1.2%
APS	(101)	-1.2%	(99)	-1.0%	(122)	-1.2%
ATSI	(165)	-1.2%	(88)	-0.6%	(122)	-0.8%
COMED	(513)	-2.2%	(402)	-1.6%	(538)	-2.0%
DAYTON	(16)	-0.5%	3	0.1%	(8)	-0.2%
DEOK	(155)	-2.7%	(169)	-2.8%	(205)	-3.2%
DLCO	(14)	-0.5%	16	0.5%	18	0.5%
EKPC	~	~	~	~	~	~
PJM WESTERN	(1,172)	-1.5%	(1,030)	-1.2%	(1,257)	-1.4%
PJM WESTERN with EKPC	~	~	~	~	~	~
DOM	(361)	-1.8%	(274)	-1.2%	(313)	-1.3%
PJM RTO	(2,538)	-1.6%	(2,222)	-1.3%	(2,857)	-1.6%
PJM RTO with EKPC	~	~	~	~	~	~

Table A-2

**PJM MID-ATLANTIC REGION
WINTER PEAK LOAD COMPARISONS OF THE CURRENT FORECAST
TO THE JANUARY 2012 LOAD FORECAST REPORT**

INCREASE OR DECREASE OVER PRIOR FORECAST

	12/13		17/18		22/23	
	MW	%	MW	%	MW	%
AE	(7)	-0.4%	0	0.0%	2	0.1%
BGE	(48)	-0.8%	(54)	-0.9%	(67)	-1.0%
DPL	(32)	-0.9%	(20)	-0.6%	(30)	-0.8%
JCPL	(57)	-1.4%	(52)	-1.2%	(60)	-1.3%
METED	(45)	-1.7%	(34)	-1.2%	(34)	-1.1%
PECO	(161)	-2.4%	(167)	-2.3%	(184)	-2.3%
PENLC	(58)	-2.0%	(50)	-1.5%	(59)	-1.7%
PEPCO	(27)	-0.5%	(33)	-0.6%	(43)	-0.7%
PL	(87)	-1.2%	(78)	-1.0%	(89)	-1.1%
PS	(68)	-1.0%	(73)	-1.0%	(76)	-1.0%
RECO	(6)	-2.5%	(11)	-4.4%	(17)	-6.5%
UGI	(2)	-1.0%	(1)	-0.5%	0	0.0%
PJM MID-ATLANTIC	(611)	-1.3%	(605)	-1.2%	(704)	-1.3%
FE-EAST	(154)	-1.6%	(124)	-1.2%	(143)	-1.3%
PLGRP	(79)	-1.0%	(72)	-0.9%	(87)	-1.0%

Table A-2

**PJM WESTERN REGION, PJM SOUTHERN REGION AND PJM RTO
WINTER PEAK LOAD COMPARISONS OF THE CURRENT FORECAST
TO THE JANUARY 2012 LOAD FORECAST REPORT**

INCREASE OR DECREASE OVER PRIOR FORECAST

	12/13		17/18		22/23	
	MW	%	MW	%	MW	%
AEP	(244)	-1.1%	(242)	-1.0%	(306)	-1.2%
APS	(81)	-0.9%	(77)	-0.8%	(101)	-1.0%
ATSI	(68)	-0.6%	(46)	-0.4%	(52)	-0.5%
COMED	(236)	-1.5%	(257)	-1.5%	(326)	-1.7%
DAYTON	(3)	-0.1%	0	0.0%	(5)	-0.2%
DEOK	(79)	-1.8%	(96)	-2.0%	(112)	-2.3%
DLCO	(9)	-0.4%	(2)	-0.1%	1	0.0%
EKPC	~	~	~	~	~	~
PJM WESTERN	(671)	-1.0%	(625)	-0.9%	(826)	-1.1%
PJM WESTERN with EKPC	~	~	~	~	~	~
DOM	(238)	-1.4%	(160)	-0.8%	(185)	-0.9%
PJM RTO	(1,487)	-1.1%	(1,442)	-1.0%	(1,683)	-1.2%
PJM RTO with EKPC	~	~	~	~	~	~

Table B-1

SUMMER PEAK LOAD (MW) AND GROWTH RATES FOR EACH PJM MID-ATLANTIC ZONE AND GEOGRAPHIC REGION 2013 - 2023

	METERED 2012	UNRESTRICTED 2012	NORMAL 2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	Annual Growth Rate (10 yr)
AE	2,810	2,853	2,710	2,733 0.8%	2,784 1.9%	2,843 2.1%	2,896 1.9%	2,924 1.0%	2,946 0.8%	2,965 0.6%	2,987 0.7%	3,011 0.8%	3,034 0.8%	3,053 0.6%	1.1%
BGE	7,003	7,435	7,150	7,218 1.0%	7,333 1.6%	7,467 1.8%	7,572 1.4%	7,649 1.0%	7,703 0.7%	7,770 0.9%	7,840 0.9%	7,905 0.8%	7,966 0.8%	8,034 0.9%	1.1%
DPL	4,115	4,152	4,110	4,141 0.8%	4,218 1.9%	4,301 2.0%	4,376 1.7%	4,432 1.3%	4,476 1.0%	4,527 1.1%	4,576 1.1%	4,624 1.0%	4,671 1.0%	4,717 1.0%	1.3%
JCPL	6,220	6,300	6,200	6,253 0.9%	6,372 1.9%	6,503 2.1%	6,637 2.1%	6,704 1.0%	6,737 0.5%	6,795 0.9%	6,875 1.2%	6,943 1.0%	7,021 1.1%	7,068 0.7%	1.2%
METED	3,037	3,039	2,940	2,978 1.3%	3,047 2.3%	3,127 2.6%	3,197 2.2%	3,247 1.6%	3,286 1.2%	3,328 1.3%	3,375 1.4%	3,420 1.3%	3,466 1.3%	3,509 1.2%	1.7%
PECO	8,549	8,727	8,650	8,722 0.8%	8,901 2.1%	9,098 2.2%	9,266 1.8%	9,397 1.4%	9,508 1.2%	9,612 1.1%	9,720 1.1%	9,828 1.1%	9,932 1.1%	10,026 0.9%	1.4%
PENLC	2,908	2,914	2,880	2,918 1.3%	3,002 2.9%	3,100 3.3%	3,183 2.7%	3,243 1.9%	3,285 1.3%	3,338 1.6%	3,388 1.5%	3,439 1.5%	3,488 1.4%	3,535 1.3%	1.9%
PEPCO	6,721	6,759	6,800	6,855 0.8%	6,935 1.2%	7,015 1.2%	7,073 0.8%	7,123 0.7%	7,167 0.6%	7,215 0.7%	7,268 0.7%	7,309 0.6%	7,348 0.5%	7,392 0.6%	0.8%
PL	7,182	7,290	7,190	7,271 1.1%	7,403 1.8%	7,556 2.1%	7,691 1.8%	7,785 1.2%	7,850 0.8%	7,942 1.2%	8,027 1.1%	8,102 0.9%	8,191 1.1%	8,264 0.9%	1.3%
PS	10,470	10,475	10,500	10,562 0.6%	10,698 1.3%	10,861 1.5%	11,002 1.3%	11,083 0.7%	11,138 0.5%	11,208 0.6%	11,275 0.6%	11,348 0.6%	11,419 0.6%	11,475 0.5%	0.8%
RECO	430	430	420	420 0.0%	425 1.2%	429 0.9%	434 1.2%	436 0.5%	437 0.2%	439 0.5%	441 0.5%	444 0.7%	445 0.2%	447 0.4%	0.6%
UGI	200	200	190	195 2.6%	199 2.1%	203 2.0%	206 1.5%	209 1.5%	210 0.5%	211 0.5%	213 0.9%	215 0.9%	217 0.9%	218 0.5%	1.1%
DIVERSITY - MID-ATLANTIC(-) PJM MID-ATLANTIC	58,945	60,067	59,230	59,736 0.9%	60,778 1.7%	62,025 2.1%	63,051 1.7%	63,767 1.1%	64,184 0.7%	64,786 0.9%	65,585 1.2%	66,189 0.9%	66,788 0.9%	67,226 0.7%	1.2%
FE-EAST	12,079	12,146	11,850	11,984 1.1%	12,258 2.3%	12,565 2.5%	12,827 2.1%	13,001 1.4%	13,147 1.1%	13,299 1.2%	13,452 1.2%	13,606 1.1%	13,767 1.2%	13,908 1.0%	1.5%
PLGRP	7,382	7,490	7,350	7,439 1.2%	7,576 1.8%	7,734 2.1%	7,871 1.8%	7,970 1.3%	8,036 0.8%	8,133 1.2%	8,216 1.0%	8,297 1.0%	8,386 1.1%	8,459 0.9%	1.3%

Notes:
 Normal 2012 and all forecast values are non-coincident as estimated by PJM staff.
 Normal 2012 and all forecast values represent unrestricted peaks, prior to reductions for load management and energy efficiency.
 All average growth rates are calculated from the first year of the forecast.

Table B-1 (Continued)

SUMMER PEAK LOAD (MW) AND GROWTH RATES FOR
EACH PJM MID-ATLANTIC ZONE AND GEOGRAPHIC REGION
2024 - 2028

	2024	2025	2026	2027	2028	Annual Growth Rate (15 yr)
AE	3,071	3,092	3,113	3,136	3,161	1.0%
	0.6%	0.7%	0.7%	0.7%	0.8%	
BGE	8,091	8,160	8,227	8,288	8,339	1.0%
	0.7%	0.9%	0.8%	0.7%	0.6%	
DPL	4,764	4,806	4,852	4,890	4,932	1.2%
	1.0%	0.9%	1.0%	0.8%	0.9%	
JCPL	7,093	7,148	7,249	7,302	7,373	1.1%
	0.4%	0.8%	1.4%	0.7%	1.0%	
METED	3,549	3,593	3,637	3,681	3,727	1.5%
	1.1%	1.2%	1.2%	1.2%	1.2%	
PECO	10,125	10,221	10,319	10,419	10,521	1.3%
	1.0%	0.9%	1.0%	1.0%	1.0%	
PENLC	3,576	3,623	3,664	3,709	3,752	1.7%
	1.2%	1.3%	1.1%	1.2%	1.2%	
PEPCO	7,430	7,474	7,510	7,547	7,588	0.7%
	0.5%	0.6%	0.5%	0.5%	0.5%	
PL	8,337	8,419	8,490	8,559	8,639	1.2%
	0.9%	1.0%	0.8%	0.8%	0.9%	
PS	11,527	11,601	11,661	11,730	11,784	0.7%
	0.5%	0.6%	0.5%	0.6%	0.5%	
RECO	448	450	452	454	456	0.5%
	0.2%	0.4%	0.4%	0.4%	0.4%	
UGI	220	221	223	224	226	1.0%
	0.9%	0.5%	0.9%	0.4%	0.9%	
DIVERSITY - MID-ATLANTIC(-)	517	429	415	400	513	
PJM MID-ATLANTIC	67,714	68,379	68,982	69,539	69,985	1.1%
	0.7%	1.0%	0.9%	0.8%	0.6%	
FE-EAST	14,056	14,199	14,342	14,492	14,637	1.3%
	1.1%	1.0%	1.0%	1.0%	1.0%	
PLGRP	8,539	8,616	8,695	8,766	8,845	1.2%
	0.9%	0.9%	0.9%	0.8%	0.9%	

Table B-1
SUMMER PEAK LOAD (MW) AND GROWTH RATES FOR
EACH PJM WESTERN AND PJM SOUTHERN ZONE, GEOGRAPHIC REGION AND RTO
2013 - 2023

	METERED 2012	UNRESTRICTED 2012	NORMAL 2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	Annual Growth Rate (10 yr)
AEP	23,321	23,508	23,600	23,793	24,190	24,668	25,039	25,297	25,504	25,712	25,944	26,177	26,404	26,605	1.1%
				0.8%	1.7%	2.0%	1.5%	1.0%	0.8%	0.8%	0.9%	0.9%	0.9%	0.8%	
APS	8,525	8,537	8,570	8,661	8,823	9,003	9,158	9,266	9,341	9,433	9,541	9,638	9,732	9,829	1.3%
				1.1%	1.9%	2.0%	1.7%	1.2%	0.8%	1.0%	1.1%	1.0%	1.0%	1.0%	
ATSI	13,515	13,516	13,210	13,270	13,459	13,698	13,871	13,984	14,067	14,148	14,248	14,347	14,441	14,535	0.9%
				0.5%	1.4%	1.8%	1.3%	0.8%	0.6%	0.6%	0.7%	0.7%	0.7%	0.7%	
COMED	23,601	23,602	22,610	22,761	23,343	23,995	24,569	24,955	25,243	25,529	25,856	26,152	26,449	26,742	1.6%
				0.7%	2.6%	2.8%	2.4%	1.6%	1.2%	1.1%	1.3%	1.1%	1.1%	1.1%	
DAYTON	3,495	3,495	3,410	3,442	3,534	3,644	3,731	3,791	3,836	3,880	3,930	3,978	4,025	4,069	1.7%
				0.9%	2.7%	3.1%	2.4%	1.6%	1.2%	1.1%	1.3%	1.2%	1.2%	1.1%	
DEOK	5,445	5,445	5,490	5,530	5,634	5,747	5,833	5,903	5,954	6,013	6,075	6,131	6,186	6,244	1.2%
				0.7%	1.9%	2.0%	1.5%	1.2%	0.9%	1.0%	1.0%	0.9%	0.9%	0.9%	
DLCO	3,055	3,055	2,940	2,966	3,021	3,083	3,135	3,167	3,197	3,220	3,249	3,278	3,305	3,331	1.2%
				0.9%	1.9%	2.1%	1.7%	1.0%	0.9%	0.7%	0.9%	0.9%	0.8%	0.8%	
EKPC	1,984	1,984	1,920	1,910	1,938	1,972	1,992	2,018	2,037	2,053	2,071	2,086	2,102	2,124	1.1%
				-0.5%	1.5%	1.8%	1.0%	1.3%	0.9%	0.8%	0.9%	0.7%	0.8%	1.0%	
DIVERSITY - WESTERN(-) PJM WESTERN	79,490	80,598	78,140	1,665	1,660	1,742	1,756	1,831	1,889	1,836	1,883	1,854	1,876	1,948	1.3%
				78,758	80,344	82,096	83,580	84,532	85,253	86,099	86,960	87,847	88,666	89,407	
				0.8%	2.0%	2.2%	1.8%	1.1%	0.9%	1.0%	1.0%	1.0%	0.9%	0.8%	
DIVERSITY - WESTERN with EKPC(-) PJM WESTERN with EKPC	81,321	82,441	80,010	1,721	1,769	1,782	1,806	1,883	1,921	1,913	1,937	1,860	1,972	2,047	1.3%
				80,612	82,173	84,028	85,522	86,498	87,258	88,075	88,977	89,927	90,672	91,432	
				0.8%	1.9%	2.3%	1.8%	1.1%	0.9%	0.9%	1.0%	1.1%	0.8%	0.8%	
DOM	19,249	19,323	19,320	19,619	20,154	20,747	21,228	21,604	21,919	22,262	22,614	22,931	23,232	23,558	1.8%
				1.5%	2.7%	2.9%	2.3%	1.8%	1.5%	1.6%	1.6%	1.4%	1.3%	1.4%	
DIVERSITY - INTERREGIONAL(-) PJM RTO	154,339	156,319	152,405	4,397	4,463	4,547	4,683	4,677	4,546	4,638	4,869	4,886	4,966	4,863	1.3%
				153,716	156,813	160,321	163,176	165,226	166,810	168,509	170,290	172,081	173,720	175,328	
				0.9%	2.0%	2.2%	1.8%	1.3%	1.0%	1.0%	1.1%	1.1%	1.0%	0.9%	
DIVERSITY - INTERREGIONAL with EKPC(-) PJM RTO with EKPC	156,182	158,162	154,235	4,414	4,388	4,584	4,673	4,658	4,548	4,602	4,808	4,872	4,901	4,777	1.3%
				155,553	158,717	162,216	165,128	167,211	168,813	170,521	172,368	174,175	175,791	177,439	
				0.9%	2.0%	2.2%	1.8%	1.3%	1.0%	1.0%	1.1%	1.0%	0.9%	0.9%	

Notes:
Normal 2012 and all forecast values are non-coincident as estimated by PJM staff.
Normal 2012 and all forecast values represent unrestricted peaks, prior to reductions for load management and energy efficiency.
All average growth rates are calculated from the first year of the forecast.

Table B-1 (Continued)

SUMMER PEAK LOAD (MW) AND GROWTH RATES FOR
EACH PJM WESTERN AND PJM SOUTHERN ZONE, GEOGRAPHIC REGION AND RTO
2024 - 2028

	2024	2025	2026	2027	2028	Annual Growth Rate (15 yr)
AEP	26,820	27,047	27,275	27,512	27,744	1.0%
	0.8%	0.8%	0.8%	0.9%	0.8%	
APS	9,906	10,000	10,103	10,199	10,298	1.2%
	0.8%	0.9%	1.0%	1.0%	1.0%	
ATSI	14,608	14,704	14,792	14,891	14,993	0.8%
	0.5%	0.7%	0.6%	0.7%	0.7%	
COMED	26,999	27,287	27,560	27,834	28,118	1.4%
	1.0%	1.1%	1.0%	1.0%	1.0%	
DAYTON	4,118	4,165	4,211	4,255	4,299	1.5%
	1.2%	1.1%	1.1%	1.0%	1.0%	
DEOK	6,294	6,352	6,405	6,461	6,519	1.1%
	0.8%	0.9%	0.8%	0.9%	0.9%	
DLCO	3,351	3,380	3,406	3,431	3,455	1.0%
	0.6%	0.9%	0.8%	0.7%	0.7%	
EKPC	2,141	2,156	2,175	2,190	2,210	1.0%
	0.8%	0.7%	0.9%	0.7%	0.9%	
DIVERSITY - WESTERN(-) PJM WESTERN	1,969	2,054	1,923	1,921	2,086	
	90,127	90,881	91,829	92,662	93,340	1.1%
	0.8%	0.8%	1.0%	0.9%	0.7%	
DIVERSITY - WESTERN with EKPC(-) PJM WESTERN with EKPC	2,002	2,060	1,960	1,975	2,121	
	92,235	93,031	93,967	94,798	95,515	1.1%
	0.9%	0.9%	1.0%	0.9%	0.8%	
DOM	23,856	24,201	24,518	24,781	25,107	1.7%
	1.3%	1.4%	1.3%	1.1%	1.3%	
DIVERSITY - INTERREGIONAL(-) PJM RTO	4,778	4,888	5,108	5,078	4,964	
	176,919	178,573	180,221	181,904	183,468	1.2%
	0.9%	0.9%	0.9%	0.9%	0.9%	
DIVERSITY - INTERREGIONAL with EKPC(-) PJM RTO with EKPC	4,763	4,964	5,073	5,039	4,936	
	179,042	180,647	182,394	184,079	185,671	1.2%
	0.9%	0.9%	1.0%	0.9%	0.9%	

Table B-2

WINTER PEAK LOAD (MW) AND GROWTH RATES FOR
EACH PJM MID-ATLANTIC ZONE AND GEOGRAPHIC REGION
2012/13 - 2022/23

	METERED 11/12	UNRESTRICTED 11/12	NORMAL 11/12	12/13	13/14	14/15	15/16	16/17	17/18	18/19	19/20	20/21	21/22	22/23	Annual Growth Rate (10 yr)
AE	1,654	1,654	1,760	1,773 0.7%	1,779 0.3%	1,812 1.9%	1,848 2.0%	1,874 1.4%	1,880 0.3%	1,894 0.7%	1,894 0.0%	1,915 1.1%	1,928 0.7%	1,943 0.8%	0.9%
BGE	5,621	5,621	5,960	5,968 0.1%	5,994 0.4%	6,062 1.1%	6,129 1.1%	6,181 0.8%	6,205 0.4%	6,234 0.5%	6,249 0.2%	6,293 0.7%	6,323 0.5%	6,363 0.6%	0.6%
DPL	3,221	3,221	3,360	3,362 0.1%	3,390 0.8%	3,443 1.6%	3,497 1.6%	3,546 1.4%	3,574 0.8%	3,600 0.7%	3,620 0.6%	3,657 1.0%	3,688 0.8%	3,727 1.1%	1.0%
JCPL	3,640	3,640	3,930	3,929 -0.0%	3,952 0.6%	4,042 2.3%	4,140 2.4%	4,208 1.6%	4,234 0.6%	4,265 0.7%	4,266 0.0%	4,345 1.9%	4,380 0.8%	4,421 0.9%	1.2%
METED	2,539	2,539	2,600	2,616 0.6%	2,645 1.1%	2,707 2.3%	2,770 2.3%	2,834 2.3%	2,864 1.1%	2,899 1.2%	2,920 0.7%	2,961 1.4%	3,003 1.4%	3,046 1.4%	1.5%
PECO	6,329	6,329	6,650	6,658 0.1%	6,740 1.2%	6,884 2.1%	7,039 2.3%	7,170 1.9%	7,246 1.1%	7,329 1.1%	7,389 0.8%	7,490 1.4%	7,580 1.2%	7,663 1.1%	1.4%
PENLC	2,753	2,753	2,870	2,888 0.6%	2,940 1.8%	3,036 3.3%	3,130 3.1%	3,217 2.8%	3,264 1.5%	3,313 1.5%	3,351 1.1%	3,404 1.6%	3,458 1.6%	3,515 1.6%	2.0%
PEPCO	5,090	5,090	5,440	5,465 0.5%	5,510 0.8%	5,573 1.1%	5,659 1.5%	5,731 1.3%	5,771 0.7%	5,817 0.8%	5,846 0.5%	5,887 0.7%	5,935 0.8%	5,983 0.8%	0.9%
PL	6,776	6,776	7,290	7,313 0.3%	7,376 0.9%	7,507 1.8%	7,638 1.7%	7,750 1.5%	7,810 0.8%	7,874 0.8%	7,917 0.5%	8,003 1.1%	8,081 1.0%	8,158 1.0%	1.1%
PS	6,522	6,522	6,910	6,906 -0.1%	6,924 0.3%	7,029 1.5%	7,139 1.6%	7,250 1.6%	7,269 0.3%	7,310 0.6%	7,306 -0.1%	7,376 1.0%	7,436 0.8%	7,500 0.9%	0.8%
RECO	232	232	240	233 -2.9%	234 0.4%	235 0.4%	236 0.4%	238 0.8%	239 0.4%	241 0.8%	242 0.4%	243 0.4%	244 0.4%	245 0.4%	0.5%
UGI	190	190	200	198 -1.0%	199 0.5%	203 2.0%	206 1.5%	209 1.5%	209 0.0%	211 1.0%	211 0.0%	213 0.9%	215 0.9%	217 0.9%	0.9%
DIVERSITY - MID-ATLANTIC(-) PJM MID-ATLANTIC	43,684	43,684	46,480	652 0.4%	536 1.1%	634 1.6%	632 1.9%	687 1.5%	646 0.8%	656 0.8%	540 0.7%	654 0.9%	614 1.0%	705 0.8%	1.1%
FE-EAST	8,880	8,880	9,310	9,358 0.5%	9,478 1.3%	9,722 2.6%	9,969 2.5%	10,171 2.0%	10,286 1.1%	10,397 1.1%	10,473 0.7%	10,633 1.5%	10,762 1.2%	10,886 1.2%	1.5%
PLGRP	6,957	6,957	7,450	7,485 0.5%	7,562 1.0%	7,693 1.7%	7,820 1.7%	7,925 1.3%	7,991 0.8%	8,055 0.8%	8,112 0.7%	8,188 0.9%	8,269 1.0%	8,331 0.7%	1.1%

Notes:

Normal 11/12 and all forecast values are non-coincident as estimated by PJM staff.

Normal 11/12 and all forecast values represent unrestricted peaks, prior to reductions for load management and energy efficiency. 46

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

Table B-2 (Continued)

WINTER PEAK LOAD (MW) AND GROWTH RATES FOR
EACH PJM MID-ATLANTIC ZONE AND GEOGRAPHIC REGION
2023/24 - 2027/28

	23/24	24/25	25/26	26/27	27/28	Annual Growth Rate (15 yr)
AE	1,949	1,948	1,963	1,980	1,995	0.8%
	0.3%	-0.1%	0.8%	0.9%	0.8%	
BGE	6,385	6,404	6,436	6,473	6,503	0.6%
	0.3%	0.3%	0.5%	0.6%	0.5%	
DPL	3,751	3,768	3,796	3,826	3,854	0.9%
	0.6%	0.5%	0.7%	0.8%	0.7%	
JCPL	4,443	4,437	4,495	4,549	4,587	1.0%
	0.5%	-0.1%	1.3%	1.2%	0.8%	
METED	3,073	3,097	3,131	3,170	3,213	1.4%
	0.9%	0.8%	1.1%	1.2%	1.4%	
PECO	7,718	7,773	7,853	7,935	8,022	1.3%
	0.7%	0.7%	1.0%	1.0%	1.1%	
PENLC	3,554	3,589	3,634	3,679	3,728	1.7%
	1.1%	1.0%	1.3%	1.2%	1.3%	
PEPCO	6,018	6,049	6,083	6,119	6,161	0.8%
	0.6%	0.5%	0.6%	0.6%	0.7%	
PL	8,205	8,248	8,315	8,386	8,464	1.0%
	0.6%	0.5%	0.8%	0.9%	0.9%	
PS	7,510	7,507	7,557	7,613	7,674	0.7%
	0.1%	-0.0%	0.7%	0.7%	0.8%	
RECO	246	247	248	249	250	0.5%
	0.4%	0.4%	0.4%	0.4%	0.4%	
UGI	217	218	219	221	222	0.8%
	0.0%	0.5%	0.5%	0.9%	0.5%	
DIVERSITY - MID-ATLANTIC(-)	648	555	677	660	612	
PJM MID-ATLANTIC	52,421	52,730	53,053	53,540	54,061	1.0%
	0.7%	0.6%	0.6%	0.9%	1.0%	
FE-EAST	10,986	11,061	11,188	11,313	11,439	1.3%
	0.9%	0.7%	1.1%	1.1%	1.1%	
PLGRP	8,393	8,445	8,508	8,577	8,656	1.0%
	0.7%	0.6%	0.7%	0.8%	0.9%	

Table B-2

**WINTER PEAK LOAD (MW) AND GROWTH RATES FOR
EACH PJM WESTERN AND PJM SOUTHERN ZONE, GEOGRAPHIC REGION AND RTO
2012/13 - 2022/23**

	METERED 11/12	UNRESTRICTED 11/12	NORMAL 11/12	12/13	13/14	14/15	15/16	16/17	17/18	18/19	19/20	20/21	21/22	22/23	Annual Growth Rate (10 yr)
AEP	21,588	21,588	22,890	22,955	23,142	23,511	23,913	24,245	24,387	24,526	24,631	24,874	25,068	25,303	1.0%
				0.3%	0.8%	1.6%	1.7%	1.4%	0.6%	0.6%	0.4%	1.0%	0.8%	0.9%	
APS	8,081	8,081	8,480	8,558	8,658	8,838	9,021	9,165	9,244	9,339	9,412	9,527	9,631	9,734	1.3%
				0.9%	1.2%	2.1%	2.1%	1.6%	0.9%	1.0%	0.8%	1.2%	1.1%	1.1%	
ATSI	10,121	10,121	10,710	10,692	10,698	10,812	10,927	11,080	11,109	11,147	11,132	11,232	11,311	11,373	0.6%
				-0.2%	0.1%	1.1%	1.1%	1.4%	0.3%	0.3%	-0.1%	0.9%	0.7%	0.5%	
COMED	14,813	14,813	15,940	15,931	16,033	16,464	16,902	17,280	17,449	17,619	17,716	17,967	18,176	18,395	1.4%
				-0.1%	0.6%	2.7%	2.7%	2.2%	1.0%	1.0%	0.6%	1.4%	1.2%	1.2%	
DAYTON	2,710	2,710	2,860	2,867	2,894	2,974	3,049	3,112	3,141	3,166	3,184	3,229	3,268	3,304	1.4%
				0.2%	0.9%	2.8%	2.5%	2.1%	0.9%	0.8%	0.6%	1.4%	1.2%	1.1%	
DEOK	4,047	4,047	4,380	4,397	4,415	4,472	4,532	4,587	4,616	4,644	4,655	4,692	4,724	4,764	0.8%
				0.4%	0.4%	1.3%	1.3%	1.2%	0.6%	0.6%	0.2%	0.8%	0.7%	0.8%	
DLCO	2,207	2,207	2,200	2,198	2,203	2,234	2,269	2,308	2,318	2,331	2,325	2,350	2,368	2,390	0.8%
				-0.1%	0.2%	1.4%	1.6%	1.7%	0.4%	0.6%	-0.3%	1.1%	0.8%	0.9%	
EKPC	2,044	2,044	2,360	2,329	2,335	2,358	2,389	2,409	2,420	2,430	2,432	2,453	2,466	2,482	0.6%
				-1.3%	0.3%	1.0%	1.3%	0.8%	0.5%	0.4%	0.1%	0.9%	0.5%	0.6%	
DIVERSITY - WESTERN(-) PJM WESTERN	62,791	62,791	66,000	1,362	1,254	1,304	1,516	1,525	1,459	1,518	1,464	1,682	1,592	1,681	1.1%
				66,236	66,789	68,001	69,097	70,252	70,805	71,254	71,591	72,189	72,954	73,582	
				0.4%	0.8%	1.8%	1.6%	1.7%	0.8%	0.6%	0.5%	0.8%	1.1%	0.9%	
DIVERSITY - WESTERN with EKPC(-) PJM WESTERN with EKPC	64,655	64,655	68,200	1,548	1,443	1,508	1,704	1,680	1,643	1,702	1,650	1,893	1,761	1,828	1.1%
				68,379	68,935	70,155	71,298	72,506	73,041	73,500	73,837	74,431	75,251	75,917	
				0.3%	0.8%	1.8%	1.6%	1.7%	0.7%	0.6%	0.5%	0.8%	1.1%	0.9%	
DOM	16,881	16,881	17,150	17,311	17,606	18,026	18,485	18,828	19,054	19,299	19,500	19,779	20,018	20,288	1.6%
				0.9%	1.7%	2.4%	2.5%	1.9%	1.2%	1.3%	1.0%	1.4%	1.2%	1.3%	
DIVERSITY - INTERREGIONAL(-) PJM RTO	122,566	122,566	128,215	1,469	1,505	1,282	1,220	1,482	1,558	1,540	1,546	1,229	1,388	1,513	1.2%
				128,735	130,037	132,644	135,161	137,119	138,220	139,344	140,216	141,872	143,241	144,433	
				0.4%	1.0%	2.0%	1.9%	1.4%	0.8%	0.8%	0.6%	1.2%	1.0%	0.8%	
DIVERSITY - INTERREGIONAL with EKPC(-) PJM RTO with EKPC	124,430	124,430	130,380	1,537	1,459	1,338	1,244	1,559	1,584	1,647	1,546	1,244	1,485	1,663	1.1%
				130,810	132,229	134,742	137,338	139,296	140,430	141,483	142,462	144,099	145,441	146,618	
				0.3%	1.1%	1.9%	1.9%	1.4%	0.8%	0.7%	0.7%	1.1%	0.9%	0.8%	

Notes:

Normal 11/12 and all forecast values are non-coincident as estimated by PJM staff.

Normal 11/12 and all forecast values represent unrestricted peaks, prior to reductions for load management and energy efficiency.

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

Table B-2 (Continued)

WINTER PEAK LOAD (MW) AND GROWTH RATES FOR
EACH PJM WESTERN AND PJM SOUTHERN ZONE, GEOGRAPHIC REGION AND RTO
2023/24 - 2027/28

	23/24	24/25	25/26	26/27	27/28	Annual Growth Rate (15 yr)
AEP	25,434	25,520	25,705	25,925	26,131	0.9%
	0.5%	0.3%	0.7%	0.9%	0.8%	
APS	9,811	9,886	9,984	10,082	10,200	1.2%
	0.8%	0.8%	1.0%	1.0%	1.2%	
ATSI	11,400	11,374	11,433	11,519	11,600	0.5%
	0.2%	-0.2%	0.5%	0.8%	0.7%	
COMED	18,543	18,604	18,776	18,994	19,206	1.3%
	0.8%	0.3%	0.9%	1.2%	1.1%	
DAYTON	3,331	3,347	3,383	3,418	3,457	1.3%
	0.8%	0.5%	1.1%	1.0%	1.1%	
DEOK	4,787	4,801	4,827	4,861	4,897	0.7%
	0.5%	0.3%	0.5%	0.7%	0.7%	
DLCO	2,399	2,395	2,409	2,430	2,446	0.7%
	0.4%	-0.2%	0.6%	0.9%	0.7%	
EKPC	2,491	2,494	2,507	2,524	2,536	0.6%
	0.4%	0.1%	0.5%	0.7%	0.5%	
DIVERSITY - WESTERN(-) PJM WESTERN	1,604 74,101	1,549 74,378	1,599 74,918	1,769 75,460	1,726 76,211	0.9%
	0.7%	0.4%	0.7%	0.7%	1.0%	
DIVERSITY - WESTERN with EKPC(-) PJM WESTERN with EKPC	1,773 76,423	1,753 76,668	1,825 77,199	1,979 77,774	1,904 78,569	0.9%
	0.7%	0.3%	0.7%	0.7%	1.0%	
DOM	20,499	20,702	20,924	21,176	21,408	1.4%
	1.0%	1.0%	1.1%	1.2%	1.1%	
DIVERSITY - INTERREGIONAL(-) PJM RTO	1,558 145,463	1,581 146,229	1,194 147,701	1,270 148,906	1,467 150,213	1.0%
	0.7%	0.5%	1.0%	0.8%	0.9%	
DIVERSITY - INTERREGIONAL with EKPC(-) PJM RTO with EKPC	1,613 147,730	1,600 148,500	1,210 149,966	1,347 151,143	1,583 152,455	1.0%
	0.8%	0.5%	1.0%	0.8%	0.9%	

Table B-3

**SPRING (APRIL) PEAK LOAD (MW) FOR
EACH PJM MID-ATLANTIC ZONE AND GEOGRAPHIC REGION
2013 - 2028**

	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028
AE	1,505	1,525	1,574	1,607	1,627	1,645	1,654	1,676	1,706	1,715	1,719	1,761	1,764	1,778	1,786	1,786
BGE	4,820	4,860	4,996	5,044	5,043	5,098	5,122	5,256	5,326	5,299	5,289	5,385	5,439	5,537	5,585	5,520
DPL	2,651	2,685	2,746	2,777	2,812	2,846	2,870	2,922	2,980	2,988	2,987	3,051	3,083	3,123	3,150	3,138
JCPL	3,311	3,382	3,497	3,546	3,584	3,665	3,693	3,766	3,888	3,858	3,796	3,977	4,015	4,091	4,128	3,994
METED	2,266	2,320	2,392	2,445	2,481	2,507	2,525	2,587	2,646	2,662	2,670	2,711	2,760	2,805	2,838	2,833
PECO	5,686	5,813	6,011	6,102	6,187	6,284	6,327	6,510	6,665	6,617	6,644	6,822	6,895	7,032	7,108	6,999
PENLC	2,521	2,594	2,706	2,780	2,838	2,887	2,922	2,996	3,050	3,082	3,117	3,157	3,203	3,266	3,306	3,330
PEPCO	4,499	4,547	4,636	4,664	4,693	4,742	4,760	4,834	4,937	4,886	4,862	4,932	4,965	5,030	5,107	5,011
PL	5,871	5,969	6,129	6,208	6,284	6,363	6,404	6,527	6,598	6,629	6,655	6,754	6,812	6,914	6,982	6,978
PS	6,209	6,294	6,491	6,506	6,525	6,602	6,609	6,781	6,878	6,805	6,794	6,943	6,965	7,065	7,129	6,983
RECO	220	221	226	226	225	227	226	232	233	231	230	230	232	236	238	233
UGI	154	156	160	163	164	166	167	169	172	171	172	176	177	179	180	178
DIVERSITY - MID-ATLANTIC(-)	1,567	1,654	1,927	1,917	1,804	1,719	1,504	2,071	2,337	1,946	1,643	1,428	1,400	2,233	2,296	1,716
PJM MID-ATLANTIC	38,146	38,712	39,637	40,151	40,659	41,313	41,775	42,185	42,742	42,997	43,292	44,471	44,910	44,823	45,241	45,267
FE-EAST	7,780	7,978	8,237	8,419	8,562	8,693	8,831	8,974	9,153	9,202	9,264	9,516	9,648	9,756	9,868	9,835
PLGRP	5,863	5,972	6,096	6,195	6,278	6,364	6,442	6,502	6,556	6,615	6,663	6,799	6,849	6,900	6,969	6,992

Table B-3

**SPRING (APRIL) PEAK LOAD (MW) FOR
EACH PJM WESTERN AND PJM SOUTHERN ZONE, GEOGRAPHIC REGION AND RTO
2013 - 2028**

	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028
AEP	18,904	19,140	19,577	19,862	20,062	20,259	20,322	20,592	20,806	20,948	21,018	21,173	21,341	21,618	21,823	21,902
APS	6,955	7,075	7,260	7,360	7,457	7,541	7,591	7,727	7,836	7,879	7,894	8,001	8,082	8,206	8,296	8,297
ATSI	9,519	9,647	9,882	9,870	9,935	10,020	10,024	10,243	10,353	10,281	10,277	10,441	10,591	10,665	10,679	10,583
COMED	13,786	14,205	14,816	15,195	15,433	15,762	15,922	16,297	16,650	16,665	16,782	17,195	17,422	17,699	17,927	17,754
DAYTON	2,381	2,442	2,547	2,604	2,653	2,692	2,711	2,773	2,823	2,842	2,864	2,909	2,946	2,999	3,033	3,035
DEOK	3,752	3,803	3,912	3,941	3,977	4,033	4,042	4,149	4,206	4,186	4,201	4,283	4,320	4,394	4,433	4,391
DLCO	2,036	2,073	2,144	2,162	2,156	2,205	2,213	2,273	2,298	2,281	2,273	2,325	2,338	2,387	2,412	2,369
EKPC	1,569	1,579	1,607	1,618	1,627	1,641	1,647	1,668	1,686	1,687	1,686	1,714	1,721	1,733	1,743	1,738
DIVERSITY - WESTERN(-)	2,276	2,392	2,855	2,594	2,521	2,590	2,506	3,393	3,382	3,043	2,767	2,791	2,858	3,662	3,596	3,276
PJM WESTERN	55,057	55,993	57,283	58,400	59,152	59,922	60,319	60,661	61,590	62,039	62,542	63,536	64,182	64,306	65,007	65,055
DIVERSITY - WESTERN with EKPC(-)	2,415	2,500	2,943	2,794	2,687	2,743	2,777	3,337	3,369	3,038	2,814	2,875	3,139	3,560	3,753	3,156
PJM WESTERN with EKPC	56,487	57,464	58,802	59,818	60,613	61,410	61,695	62,385	63,289	63,731	64,181	65,166	65,622	66,141	66,593	66,913
DOM	13,647	13,958	14,518	14,813	15,066	15,347	15,557	15,940	16,238	16,383	16,550	16,849	17,089	17,419	17,677	17,743
DIVERSITY - INTERREGIONAL(-)	2,637	2,065	2,227	2,330	2,647	2,820	2,517	1,917	1,752	2,207	3,014	2,695	2,633	1,448	2,064	2,615
PJM RTO	104,213	106,598	109,211	111,034	112,230	113,762	115,134	116,869	118,818	119,212	119,370	122,161	123,548	125,100	125,861	125,450
DIVERSITY - INTERREGIONAL with EKPC(-)	2,564	2,098	2,114	2,304	2,739	2,919	2,690	1,953	1,845	2,142	2,964	2,573	2,498	1,588	1,996	3,155
PJM RTO with EKPC	105,716	108,036	110,843	112,478	113,599	115,151	116,337	118,557	120,424	120,969	121,059	123,913	125,123	126,795	127,515	126,768

Table B-4

**FALL (OCTOBER) PEAK LOAD (MW) FOR
EACH PJM MID-ATLANTIC ZONE AND GEOGRAPHIC REGION
2013 - 2028**

	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028
AE	1,562	1,602	1,644	1,667	1,693	1,713	1,730	1,739	1,748	1,768	1,789	1,812	1,822	1,835	1,842	1,872
BGE	4,691	4,761	4,822	4,859	4,937	4,981	5,022	5,042	5,057	5,131	5,218	5,297	5,334	5,348	5,308	5,435
DPL	2,626	2,675	2,724	2,744	2,809	2,839	2,874	2,901	2,917	2,960	3,004	3,059	3,080	3,094	3,092	3,152
JCPL	3,440	3,527	3,619	3,637	3,724	3,804	3,837	3,861	3,864	3,912	3,981	4,058	4,081	4,118	4,107	4,192
METED	2,178	2,233	2,288	2,331	2,377	2,409	2,447	2,475	2,498	2,548	2,593	2,635	2,665	2,692	2,703	2,766
PECO	5,707	5,826	5,960	6,049	6,184	6,307	6,399	6,426	6,489	6,576	6,705	6,809	6,870	6,919	6,945	7,078
PENLC	2,532	2,607	2,695	2,774	2,839	2,879	2,928	2,954	2,992	3,061	3,119	3,163	3,185	3,221	3,247	3,329
PEPCO	4,600	4,643	4,699	4,684	4,772	4,825	4,865	4,876	4,889	4,896	4,972	5,037	5,061	5,068	5,061	5,120
PL	5,698	5,807	5,929	6,016	6,104	6,147	6,201	6,283	6,321	6,419	6,494	6,570	6,617	6,690	6,678	6,791
PS	6,657	6,764	6,816	6,809	6,933	7,027	7,096	7,085	7,078	7,104	7,206	7,330	7,361	7,359	7,347	7,438
RECO	246	248	250	246	251	254	255	254	252	252	256	260	260	259	257	260
UGI	154	157	159	162	164	164	165	166	167	171	173	174	175	176	174	179
DIVERSITY - MID-ATLANTIC(-)	1,297	1,281	1,380	1,210	1,259	1,249	1,321	1,315	1,304	1,226	1,257	1,412	1,345	1,279	1,343	1,393
PJM MID-ATLANTIC	38,794	39,569	40,225	40,768	41,528	42,100	42,498	42,747	42,968	43,572	44,253	44,792	45,166	45,500	45,418	46,219
FE-EAST	7,955	8,166	8,380	8,556	8,708	8,856	8,961	9,055	9,147	9,343	9,515	9,676	9,770	9,858	9,827	10,083
PLGRP	5,827	5,937	6,055	6,167	6,239	6,293	6,334	6,411	6,463	6,567	6,642	6,701	6,755	6,820	6,840	6,937

Table B-4

**FALL (OCTOBER) PEAK LOAD (MW) FOR
EACH PJM WESTERN AND PJM SOUTHERN ZONE, GEOGRAPHIC REGION AND RTO
2013 - 2028**

	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028
AEP	18,205	18,522	18,774	19,006	19,276	19,481	19,549	19,644	19,689	19,963	20,210	20,396	20,520	20,610	20,632	20,998
APS	6,640	6,773	6,907	7,019	7,104	7,171	7,255	7,322	7,367	7,508	7,595	7,684	7,764	7,810	7,823	7,997
ATSI	9,198	9,312	9,431	9,501	9,606	9,651	9,730	9,756	9,777	9,924	10,045	10,131	10,179	10,221	10,126	10,353
COMED	13,936	14,407	14,900	15,214	15,562	15,803	16,045	16,261	16,431	16,675	16,959	17,367	17,559	17,716	17,723	18,046
DAYTON	2,368	2,441	2,518	2,570	2,623	2,660	2,698	2,724	2,746	2,798	2,857	2,904	2,934	2,963	2,962	3,036
DEOK	3,767	3,840	3,910	3,940	4,019	4,064	4,100	4,129	4,153	4,196	4,261	4,310	4,343	4,367	4,385	4,457
DLCO	1,964	2,004	2,044	2,058	2,095	2,116	2,140	2,153	2,156	2,178	2,212	2,240	2,254	2,265	2,263	2,303
EKPC	1,553	1,577	1,588	1,603	1,619	1,628	1,643	1,653	1,651	1,675	1,690	1,697	1,702	1,716	1,710	1,742
DIVERSITY - WESTERN(-)	1,423	1,577	1,659	1,527	1,745	1,706	1,690	1,810	1,754	1,684	1,926	2,146	2,188	2,105	1,972	2,165
PJM WESTERN	54,655	55,722	56,825	57,781	58,540	59,240	59,827	60,179	60,565	61,558	62,213	62,886	63,365	63,847	63,942	65,025
DIVERSITY - WESTERN with EKPC(-)	1,640	1,747	1,862	1,731	1,956	1,925	1,915	2,029	1,932	1,887	2,077	2,330	2,364	2,283	2,170	2,328
PJM WESTERN with EKPC	55,991	57,129	58,210	59,180	59,948	60,649	61,245	61,613	62,038	63,030	63,752	64,399	64,891	65,385	65,454	66,604
DOM	13,688	14,103	14,527	14,812	15,151	15,420	15,681	15,890	16,078	16,360	16,666	16,948	17,133	17,336	17,499	17,838
DIVERSITY - INTERREGIONAL(-)	1,692	1,647	1,696	1,900	1,869	1,990	2,175	2,075	2,124	2,156	1,837	1,701	1,951	1,965	2,233	1,913
PJM RTO	105,445	107,747	109,881	111,461	113,350	114,770	115,831	116,741	117,487	119,334	121,295	122,925	123,713	124,718	124,626	127,169
DIVERSITY - INTERREGIONAL with EKPC(-)	1,741	1,766	1,739	1,795	1,864	2,024	2,124	2,056	2,252	2,084	1,999	1,865	1,993	2,059	2,341	2,052
PJM RTO with EKPC	106,732	109,035	111,223	112,965	114,763	116,145	117,300	118,194	118,832	120,878	122,672	124,274	125,197	126,162	126,030	128,609

Table B-5

MONTHLY PEAK FORECAST (MW) FOR
EACH PJM MID-ATLANTIC ZONE AND GEOGRAPHIC REGION

	AE	BGE	DPL	JCPL	METED	PECO	PENLC	PEPCO	PL	PS	RECO	UGI	MID-ATLANTIC DIVERSITY	PJM MID- ATLANTIC
Jan 2013	1,772	5,968	3,362	3,912	2,616	6,658	2,888	5,465	7,313	6,906	229	198	630	46,657
Feb 2013	1,700	5,759	3,251	3,725	2,548	6,424	2,814	5,275	7,035	6,635	216	189	694	44,877
Mar 2013	1,563	5,107	2,863	3,464	2,396	5,894	2,648	4,592	6,390	6,202	207	170	1,286	40,210
Apr 2013	1,505	4,820	2,651	3,311	2,266	5,686	2,521	4,499	5,871	6,209	220	154	1,567	38,146
May 2013	1,849	5,636	3,085	4,396	2,432	6,717	2,457	5,490	5,912	8,088	321	149	1,726	44,806
Jun 2013	2,399	6,602	3,746	5,646	2,801	8,145	2,795	6,418	6,842	9,781	386	180	928	54,813
Jul 2013	2,733	7,218	4,141	6,253	2,978	8,722	2,918	6,855	7,271	10,562	420	195	530	59,736
Aug 2013	2,633	6,937	3,958	5,741	2,881	8,437	2,866	6,640	7,045	9,836	384	186	385	57,159
Sep 2013	2,156	6,171	3,381	4,873	2,537	7,251	2,654	5,880	6,347	8,694	336	169	697	49,752
Oct 2013	1,562	4,691	2,626	3,440	2,178	5,707	2,532	4,600	5,698	6,657	246	154	1,297	38,794
Nov 2013	1,530	4,781	2,685	3,442	2,267	5,819	2,639	4,470	6,148	6,269	216	169	479	39,956
Dec 2013	1,762	5,629	3,178	3,913	2,547	6,519	2,872	5,177	6,968	6,827	234	196	461	45,361
	AE	BGE	DPL	JCPL	METED	PECO	PENLC	PEPCO	PL	PS	RECO	UGI	DIVERSITY	MID-ATLANTIC
Jan 2014	1,779	5,994	3,390	3,952	2,645	6,740	2,940	5,510	7,376	6,924	230	199	532	47,147
Feb 2014	1,707	5,774	3,269	3,767	2,575	6,500	2,866	5,296	7,098	6,657	217	190	603	45,313
Mar 2014	1,568	5,129	2,888	3,507	2,441	6,002	2,710	4,628	6,467	6,259	208	172	1,281	40,698
Apr 2014	1,525	4,860	2,685	3,382	2,320	5,813	2,594	4,547	5,969	6,294	221	156	1,654	38,712
May 2014	1,874	5,680	3,125	4,466	2,476	6,838	2,520	5,523	5,997	8,164	322	151	1,890	45,246
Jun 2014	2,439	6,694	3,815	5,733	2,868	8,295	2,868	6,488	6,970	9,877	389	183	676	55,943
Jul 2014	2,784	7,333	4,218	6,372	3,047	8,901	3,002	6,935	7,403	10,698	425	199	539	60,778
Aug 2014	2,675	7,013	4,008	5,827	2,927	8,565	2,934	6,666	7,142	9,907	386	188	320	57,918
Sep 2014	2,206	6,266	3,444	4,995	2,601	7,431	2,736	5,963	6,479	8,872	340	172	686	50,819
Oct 2014	1,602	4,761	2,675	3,527	2,233	5,826	2,607	4,643	5,807	6,764	248	157	1,281	39,569
Nov 2014	1,563	4,847	2,727	3,519	2,322	5,954	2,720	4,523	6,253	6,370	218	171	504	40,683
Dec 2014	1,808	5,734	3,257	4,039	2,624	6,721	2,972	5,288	7,150	6,987	235	201	567	46,449
	AE	BGE	DPL	JCPL	METED	PECO	PENLC	PEPCO	PL	PS	RECO	UGI	DIVERSITY	MID-ATLANTIC
Jan 2015	1,812	6,062	3,443	4,042	2,707	6,884	3,036	5,573	7,507	7,029	231	203	630	47,899
Feb 2015	1,742	5,849	3,332	3,861	2,641	6,657	2,962	5,367	7,249	6,770	218	194	643	46,199
Mar 2015	1,611	5,252	2,946	3,611	2,517	6,194	2,820	4,723	6,631	6,444	212	176	1,424	41,713
Apr 2015	1,574	4,996	2,746	3,497	2,392	6,011	2,706	4,636	6,129	6,491	226	160	1,927	39,637
May 2015	1,919	5,776	3,175	4,560	2,536	7,001	2,606	5,564	6,119	8,287	324	155	1,801	46,221
Jun 2015	2,494	6,826	3,893	5,867	2,956	8,497	2,968	6,568	7,131	10,035	394	187	621	57,195
Jul 2015	2,843	7,467	4,301	6,503	3,127	9,098	3,100	7,015	7,556	10,861	429	203	478	62,025
Aug 2015	2,729	7,142	4,075	5,948	3,012	8,756	3,033	6,733	7,297	10,046	390	193	401	58,953
Sep 2015	2,272	6,406	3,535	5,134	2,691	7,653	2,848	6,063	6,657	9,044	346	177	905	51,921
Oct 2015	1,644	4,822	2,724	3,619	2,288	5,960	2,695	4,699	5,929	6,816	250	159	1,380	40,225
Nov 2015	1,608	4,969	2,815	3,632	2,413	6,159	2,829	4,619	6,449	6,517	220	177	617	41,790
Dec 2015	1,848	5,848	3,328	4,140	2,701	6,906	3,076	5,394	7,322	7,124	236	205	620	47,508

Table B-5

**MONTHLY PEAK FORECAST (MW) FOR
EACH PJM WESTERN AND PJM SOUTHERN ZONE, GEOGRAPHIC REGION AND RTO**

	AEP	APS	ATSI	COMED	DAYTON	DEOK	DLCO	EKPC	WESTERN DIVERSITY	PJM WESTERN	WESTERN DIVERSITY (w/ EKPC)	PJM WESTERN (w/EKPC)	DOM	INTER REGION DIVERSITY	PJM RTO	INTER REGION DIVERSITY (w/ EKPC)	PJM RTO (w/ EKPC)
Jan 2013	22,955	8,558	10,627	15,705	2,867	4,397	2,188	2,329	1,061	66,236	1,247	68,379	17,311	1,469	128,735	1,537	130,810
Feb 2013	22,267	8,270	10,401	15,186	2,772	4,229	2,117	2,238	1,091	64,151	1,328	66,152	16,663	1,946	123,745	1,889	125,803
Mar 2013	20,356	7,474	9,870	13,966	2,498	3,809	2,000	1,816	1,485	58,488	1,511	60,278	14,562	1,663	111,597	1,601	113,449
Apr 2013	18,904	6,955	9,519	13,786	2,381	3,752	2,036	1,569	2,276	55,057	2,415	56,487	13,647	2,637	104,213	2,564	105,716
May 2013	19,762	6,967	10,223	16,439	2,690	4,411	2,350	1,500	2,512	60,330	2,503	61,839	15,654	3,725	117,065	3,566	118,733
Jun 2013	22,756	8,213	12,579	20,900	3,212	5,261	2,812	1,801	2,263	73,470	2,339	75,195	18,345	4,359	142,269	4,321	144,032
Jul 2013	23,793	8,661	13,270	22,761	3,442	5,530	2,966	1,910	1,665	78,758	1,721	80,612	19,619	4,397	153,716	4,414	155,553
Aug 2013	23,467	8,440	12,854	22,024	3,356	5,438	2,871	1,899	1,977	76,473	1,974	78,375	19,147	5,462	147,317	5,511	149,170
Sep 2013	21,030	7,578	11,146	18,809	3,002	4,896	2,580	1,754	1,631	67,410	1,936	68,859	16,740	4,414	129,488	4,253	131,098
Oct 2013	18,205	6,640	9,198	13,936	2,368	3,767	1,964	1,553	1,423	54,655	1,640	55,991	13,688	1,692	105,445	1,741	106,732
Nov 2013	19,354	7,126	9,587	14,172	2,457	3,779	1,989	1,784	816	57,648	977	59,271	13,746	734	110,616	852	112,121
Dec 2013	21,885	8,188	10,619	16,033	2,766	4,258	2,187	2,155	900	65,036	1,034	67,057	16,334	1,862	124,869	1,884	126,868
	AEP	APS	ATSI	COMED	DAYTON	DEOK	DLCO	EKPC	DIVERSITY	WESTERN	DIVERSITY	WESTERN	DOM	DIVERSITY	PJM RTO	DIVERSITY	PJM RTO
Jan 2014	23,142	8,658	10,698	16,006	2,894	4,415	2,203	2,335	1,227	66,789	1,416	68,935	17,606	1,505	130,037	1,459	132,229
Feb 2014	22,387	8,360	10,468	15,492	2,800	4,248	2,134	2,247	1,149	64,740	1,381	66,755	16,902	1,992	124,963	1,970	127,000
Mar 2014	20,535	7,576	9,970	14,276	2,538	3,838	2,029	1,827	1,473	59,289	1,532	61,057	14,757	1,262	113,482	1,231	115,281
Apr 2014	19,140	7,075	9,647	14,205	2,442	3,803	2,073	1,579	2,392	55,993	2,500	57,464	13,958	2,065	106,598	2,098	108,036
May 2014	19,941	7,019	10,265	16,774	2,742	4,454	2,380	1,511	2,509	61,066	2,546	62,540	15,970	3,444	118,838	3,313	120,443
Jun 2014	23,136	8,391	12,787	21,513	3,302	5,354	2,864	1,827	2,255	75,092	2,410	76,764	18,711	3,858	145,888	3,679	147,739
Jul 2014	24,190	8,823	13,459	23,343	3,534	5,634	3,021	1,938	1,660	80,344	1,769	82,173	20,154	4,463	156,813	4,388	158,717
Aug 2014	23,697	8,552	12,972	22,488	3,425	5,507	2,911	1,918	1,730	77,822	1,838	79,632	19,532	5,285	149,987	5,080	152,002
Sep 2014	21,494	7,782	11,410	19,340	3,094	5,022	2,634	1,787	1,719	69,057	1,877	70,686	17,246	3,901	133,221	3,867	134,884
Oct 2014	18,522	6,773	9,312	14,407	2,441	3,840	2,004	1,577	1,577	55,722	1,747	57,129	14,103	1,647	107,747	1,766	109,035
Nov 2014	19,678	7,275	9,704	14,595	2,530	3,837	2,023	1,810	958	58,684	1,154	60,298	14,102	826	112,643	855	114,228
Dec 2014	22,365	8,426	10,761	16,464	2,858	4,341	2,227	2,200	969	66,473	1,148	68,494	16,861	1,616	128,167	1,642	130,162
	AEP	APS	ATSI	COMED	DAYTON	DEOK	DLCO	EKPC	DIVERSITY	WESTERN	DIVERSITY	WESTERN	DOM	DIVERSITY	PJM RTO	DIVERSITY	PJM RTO
Jan 2015	23,511	8,838	10,812	16,367	2,974	4,472	2,234	2,358	1,207	68,001	1,411	70,155	18,026	1,282	132,644	1,338	134,742
Feb 2015	22,755	8,542	10,581	15,870	2,880	4,307	2,167	2,275	1,087	66,015	1,308	68,069	17,320	1,761	127,773	1,786	129,802
Mar 2015	21,011	7,786	10,172	14,811	2,631	3,920	2,080	1,864	1,877	60,534	1,812	62,463	15,316	1,469	116,094	1,358	118,134
Apr 2015	19,577	7,260	9,882	14,816	2,547	3,912	2,144	1,607	2,855	57,283	2,943	58,802	14,518	2,227	109,211	2,114	110,843
May 2015	20,286	7,152	10,422	17,315	2,840	4,523	2,431	1,537	2,617	62,352	2,589	63,917	16,467	3,739	121,301	3,564	123,041
Jun 2015	23,627	8,569	13,002	22,185	3,417	5,454	2,929	1,862	2,276	76,907	2,282	78,763	19,309	3,885	149,526	3,883	151,384
Jul 2015	24,668	9,003	13,698	23,995	3,644	5,747	3,083	1,972	1,742	82,096	1,782	84,028	20,747	4,547	160,321	4,584	162,216
Aug 2015	24,199	8,694	13,112	23,141	3,537	5,613	2,968	1,958	1,917	79,347	1,961	81,261	20,147	5,098	153,349	5,087	155,274
Sep 2015	22,062	7,984	11,726	20,010	3,215	5,147	2,700	1,827	1,892	70,952	2,067	72,604	17,860	3,454	137,279	3,522	138,863
Oct 2015	18,774	6,907	9,431	14,900	2,518	3,910	2,044	1,588	1,659	56,825	1,862	58,210	14,527	1,696	109,881	1,739	111,223
Nov 2015	20,106	7,484	9,886	15,116	2,630	3,929	2,069	1,844	1,085	60,135	1,283	61,781	14,765	831	115,859	845	117,491
Dec 2015	22,921	8,641	10,912	16,902	2,949	4,425	2,269	2,244	1,337	67,682	1,530	69,733	17,373	1,487	131,076	1,522	133,092

Table B-6
MONTHLY PEAK FORECAST (MW) FOR
FE-EAST AND PLGRP

	FE_EAST	PLGRP
Jan 2013	9,358	7,485
Feb 2013	9,010	7,198
Mar 2013	8,262	6,437
Apr 2013	7,780	5,863
May 2013	8,939	5,934
Jun 2013	10,968	6,987
Jul 2013	11,984	7,439
Aug 2013	11,290	7,225
Sep 2013	9,894	6,509
Oct 2013	7,955	5,827
Nov 2013	8,275	6,312
Dec 2013	9,287	7,159

	FE_EAST	PLGRP
Jan 2014	9,478	7,562
Feb 2014	9,109	7,273
Mar 2014	8,426	6,528
Apr 2014	7,978	5,972
May 2014	9,131	6,033
Jun 2014	11,242	7,133
Jul 2014	12,258	7,576
Aug 2014	11,542	7,330
Sep 2014	10,176	6,651
Oct 2014	8,166	5,937
Nov 2014	8,485	6,412
Dec 2014	9,576	7,325

	FE_EAST	PLGRP
Jan 2015	9,722	7,693
Feb 2015	9,381	7,427
Mar 2015	8,702	6,666
Apr 2015	8,237	6,096
May 2015	9,384	6,158
Jun 2015	11,583	7,307
Jul 2015	12,565	7,734
Aug 2015	11,845	7,490
Sep 2015	10,457	6,821
Oct 2015	8,380	6,055
Nov 2015	8,765	6,595
Dec 2015	9,846	7,483

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Table B-7

**PJM MID-ATLANTIC REGION LOAD MANAGEMENT
PLACED UNDER PJM COORDINATION - SUMMER (MW)**

	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028
AE																
CONTRACTUALLY INTERRUPTIBLE	142	173	165	165	165	165	165	165	165	165	165	165	165	165	165	165
DIRECT CONTROL	36	36	36	36	36	36	36	36	36	36	36	36	36	36	36	36
TOTAL LOAD MANAGEMENT	178	209	201	201	201	201	201	201	201	201	201	201	201	201	201	201
BGE																
CONTRACTUALLY INTERRUPTIBLE	580	789	596	596	596	596	596	596	596	596	596	596	596	596	596	596
DIRECT CONTROL	505	505	505	505	505	505	505	505	505	505	505	505	505	505	505	505
TOTAL LOAD MANAGEMENT	1,085	1,294	1,101	1,101	1,101	1,101	1,101	1,101	1,101	1,101	1,101	1,101	1,101	1,101	1,101	1,101
DPL																
CONTRACTUALLY INTERRUPTIBLE	246	348	372	372	372	372	372	372	372	372	372	372	372	372	372	372
DIRECT CONTROL	46	46	46	46	46	46	46	46	46	46	46	46	46	46	46	46
TOTAL LOAD MANAGEMENT	292	394	418	418	418	418	418	418	418	418	418	418	418	418	418	418
JCPL																
CONTRACTUALLY INTERRUPTIBLE	297	428	338	338	338	338	338	338	338	338	338	338	338	338	338	338
DIRECT CONTROL	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL LOAD MANAGEMENT	297	428	338	338	338	338	338	338	338	338	338	338	338	338	338	338
METED																
CONTRACTUALLY INTERRUPTIBLE	311	384	335	335	335	335	335	335	335	335	335	335	335	335	335	335
DIRECT CONTROL	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
TOTAL LOAD MANAGEMENT	313	386	337	337	337	337	337	337	337	337	337	337	337	337	337	337
PECO																
CONTRACTUALLY INTERRUPTIBLE	629	772	741	741	741	741	741	741	741	741	741	741	741	741	741	741
DIRECT CONTROL	33	33	33	33	33	33	33	33	33	33	33	33	33	33	33	33
TOTAL LOAD MANAGEMENT	662	805	774	774	774	774	774	774	774	774	774	774	774	774	774	774
PENLC																
CONTRACTUALLY INTERRUPTIBLE	419	412	497	497	497	497	497	497	497	497	497	497	497	497	497	497
DIRECT CONTROL	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
TOTAL LOAD MANAGEMENT	429	422	507	507	507	507	507	507	507	507	507	507	507	507	507	507

Notes:
Forecast represents the amount of Demand Resources cleared in RPM auctions.
Winter load management is equal to Contractually Interruptible.

Table B-7 (Continued)

PJM MID-ATLANTIC REGION LOAD MANAGEMENT
PLACED UNDER PJM COORDINATION - SUMMER (MW)

	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028
PEPCO																
CONTRACTUALLY INTERRUPTIBLE	478	716	677	677	677	677	677	677	677	677	677	677	677	677	677	677
DIRECT CONTROL	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160
TOTAL LOAD MANAGEMENT	638	876	837	837	837	837	837	837	837	837	837	837	837	837	837	837
PL																
CONTRACTUALLY INTERRUPTIBLE	999	1,262	1,114	1,114	1,114	1,114	1,114	1,114	1,114	1,114	1,114	1,114	1,114	1,114	1,114	1,114
DIRECT CONTROL	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL LOAD MANAGEMENT	999	1,262	1,114	1,114	1,114	1,114	1,114	1,114	1,114	1,114	1,114	1,114	1,114	1,114	1,114	1,114
PS																
CONTRACTUALLY INTERRUPTIBLE	1,071	884	698	698	698	698	698	698	698	698	698	698	698	698	698	698
DIRECT CONTROL	70	70	70	70	70	70	70	70	70	70	70	70	70	70	70	70
TOTAL LOAD MANAGEMENT	1,141	954	768	768	768	768	768	768	768	768	768	768	768	768	768	768
RECO																
CONTRACTUALLY INTERRUPTIBLE	33	30	20	20	20	20	20	20	20	20	20	20	20	20	20	20
DIRECT CONTROL	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL LOAD MANAGEMENT	33	30	20	20	20	20	20	20	20	20	20	20	20	20	20	20
UGI																
CONTRACTUALLY INTERRUPTIBLE	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DIRECT CONTROL	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL LOAD MANAGEMENT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
PJM MID-ATLANTIC																
CONTRACTUALLY INTERRUPTIBLE	5,206	6,198	5,550	5,550	5,550	5,550	5,550	5,550	5,550	5,550	5,550	5,550	5,550	5,550	5,550	5,550
DIRECT CONTROL	861	861	861	861	861	861	861	861	861	861	861	861	861	861	861	861
TOTAL LOAD MANAGEMENT	6,067	7,059	6,411	6,411	6,411	6,411	6,411	6,411	6,411	6,411	6,411	6,411	6,411	6,411	6,411	6,411

Table B-7

**PJM WESTERN REGION AND PJM SOUTHERN REGION LOAD MANAGEMENT
PLACED UNDER PJM COORDINATION - SUMMER (MW)**

	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028
AEP																
CONTRACTUALLY INTERRUPTIBLE	1,405	2,016	1,897	1,897	1,897	1,897	1,897	1,897	1,897	1,897	1,897	1,897	1,897	1,897	1,897	1,897
DIRECT CONTROL	27	27	27	27	27	27	27	27	27	27	27	27	27	27	27	27
TOTAL LOAD MANAGEMENT	1,432	2,043	1,924	1,924	1,924	1,924	1,924	1,924	1,924	1,924	1,924	1,924	1,924	1,924	1,924	1,924
APS																
CONTRACTUALLY INTERRUPTIBLE	643	865	902	902	902	902	902	902	902	902	902	902	902	902	902	902
DIRECT CONTROL	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
TOTAL LOAD MANAGEMENT	644	866	903	903	903	903	903	903	903	903	903	903	903	903	903	903
ATSI																
CONTRACTUALLY INTERRUPTIBLE	493	930	1,699	1,699	1,699	1,699	1,699	1,699	1,699	1,699	1,699	1,699	1,699	1,699	1,699	1,699
DIRECT CONTROL	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
TOTAL LOAD MANAGEMENT	494	931	1,700	1,700	1,700	1,700	1,700	1,700	1,700	1,700	1,700	1,700	1,700	1,700	1,700	1,700
COMED																
CONTRACTUALLY INTERRUPTIBLE	874	1,410	1,566	1,566	1,566	1,566	1,566	1,566	1,566	1,566	1,566	1,566	1,566	1,566	1,566	1,566
DIRECT CONTROL	72	72	72	72	72	72	72	72	72	72	72	72	72	72	72	72
TOTAL LOAD MANAGEMENT	946	1,482	1,638	1,638	1,638	1,638	1,638	1,638	1,638	1,638	1,638	1,638	1,638	1,638	1,638	1,638
DAYTON																
CONTRACTUALLY INTERRUPTIBLE	54	221	187	187	187	187	187	187	187	187	187	187	187	187	187	187
DIRECT CONTROL	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
TOTAL LOAD MANAGEMENT	57	224	190	190	190	190	190	190	190	190	190	190	190	190	190	190
DEOK																
CONTRACTUALLY INTERRUPTIBLE	154	34	258	258	258	258	258	258	258	258	258	258	258	258	258	258
DIRECT CONTROL	54	54	54	54	54	54	54	54	54	54	54	54	54	54	54	54
TOTAL LOAD MANAGEMENT	208	88	312	312	312	312	312	312	312	312	312	312	312	312	312	312
DLCO																
CONTRACTUALLY INTERRUPTIBLE	188	214	236	236	236	236	236	236	236	236	236	236	236	236	236	236
DIRECT CONTROL	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL LOAD MANAGEMENT	188	214	236	236	236	236	236	236	236	236	236	236	236	236	236	236
EKPC																
CONTRACTUALLY INTERRUPTIBLE	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DIRECT CONTROL	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL LOAD MANAGEMENT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Notes:
Forecast represents the amount of Demand Resources cleared in RPM auctions.
Winter load management is equal to Contractually Interruptible.

Table B-7 (Continued)

PJM WESTERN REGION AND PJM SOUTHERN REGION LOAD MANAGEMENT
PLACED UNDER PJM COORDINATION - SUMMER (MW)

	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028
PJM WESTERN																
CONTRACTUALLY INTERRUPTIBLE	3,810	5,690	6,745	6,745	6,745	6,745	6,745	6,745	6,745	6,745	6,745	6,745	6,745	6,745	6,745	6,745
DIRECT CONTROL	159	159	159	159	159	159	159	159	159	159	159	159	159	159	159	159
TOTAL LOAD MANAGEMENT	3,969	5,849	6,904	6,904	6,904	6,904	6,904	6,904	6,904	6,904	6,904	6,904	6,904	6,904	6,904	6,904
PJM WESTERN with EKPC																
CONTRACTUALLY INTERRUPTIBLE	3,810	5,690	6,745	6,745	6,745	6,745	6,745	6,745	6,745	6,745	6,745	6,745	6,745	6,745	6,745	6,745
DIRECT CONTROL	159	159	159	159	159	159	159	159	159	159	159	159	159	159	159	159
TOTAL LOAD MANAGEMENT	3,969	5,849	6,904	6,904	6,904	6,904	6,904	6,904	6,904	6,904	6,904	6,904	6,904	6,904	6,904	6,904
DOM																
CONTRACTUALLY INTERRUPTIBLE	638	1,244	1,265	1,265	1,265	1,265	1,265	1,265	1,265	1,265	1,265	1,265	1,265	1,265	1,265	1,265
DIRECT CONTROL	68	68	68	68	68	68	68	68	68	68	68	68	68	68	68	68
TOTAL LOAD MANAGEMENT	706	1,312	1,333	1,333	1,333	1,333	1,333	1,333	1,333	1,333	1,333	1,333	1,333	1,333	1,333	1,333
PJM RTO																
CONTRACTUALLY INTERRUPTIBLE	9,654	13,132	13,560	13,560	13,560	13,560	13,560	13,560	13,560	13,560	13,560	13,560	13,560	13,560	13,560	13,560
DIRECT CONTROL	1,088	1,088	1,088	1,088	1,088	1,088	1,088	1,088	1,088	1,088	1,088	1,088	1,088	1,088	1,088	1,088
TOTAL LOAD MANAGEMENT	10,742	14,220	14,648	14,648	14,648	14,648	14,648	14,648	14,648	14,648	14,648	14,648	14,648	14,648	14,648	14,648
PJM RTO with EKPC																
CONTRACTUALLY INTERRUPTIBLE	9,654	13,132	13,560	13,560	13,560	13,560	13,560	13,560	13,560	13,560	13,560	13,560	13,560	13,560	13,560	13,560
DIRECT CONTROL	1,088	1,088	1,088	1,088	1,088	1,088	1,088	1,088	1,088	1,088	1,088	1,088	1,088	1,088	1,088	1,088
TOTAL LOAD MANAGEMENT	10,742	14,220	14,648	14,648	14,648	14,648	14,648	14,648	14,648	14,648	14,648	14,648	14,648	14,648	14,648	14,648

Table B-8

PJM MID-ATLANTIC REGION ENERGY EFFICIENCY PROGRAMS
AND SUM OF ENERGY EFFICIENCY AND LOAD MANAGEMENT - SUMMER (MW)

	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028
AE																
ENERGY EFFICIENCY	4	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
LOAD MANAGEMENT	178	209	201	201	201	201	201	201	201	201	201	201	201	201	201	201
TOTAL	182	210	202	202	202	202	202	202	202	202	202	202	202	202	202	202
BGE																
ENERGY EFFICIENCY	74	114	100	100	100	100	100	100	100	100	100	100	100	100	100	100
LOAD MANAGEMENT	1,085	1,294	1,101	1,101	1,101	1,101	1,101	1,101	1,101	1,101	1,101	1,101	1,101	1,101	1,101	1,101
TOTAL	1,159	1,408	1,201	1,201	1,201	1,201	1,201	1,201	1,201	1,201	1,201	1,201	1,201	1,201	1,201	1,201
DPL																
ENERGY EFFICIENCY	9	10	15	15	15	15	15	15	15	15	15	15	15	15	15	15
LOAD MANAGEMENT	292	394	418	418	418	418	418	418	418	418	418	418	418	418	418	418
TOTAL	301	404	433	433	433	433	433	433	433	433	433	433	433	433	433	433
JCPL																
ENERGY EFFICIENCY	5	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
LOAD MANAGEMENT	297	428	338	338	338	338	338	338	338	338	338	338	338	338	338	338
TOTAL	302	430	338	338	338	338	338	338	338	338	338	338	338	338	338	338
METED																
ENERGY EFFICIENCY	24	24	3	3	3	3	3	3	3	3	3	3	3	3	3	3
LOAD MANAGEMENT	313	386	337	337	337	337	337	337	337	337	337	337	337	337	337	337
TOTAL	337	410	340	340	340	340	340	340	340	340	340	340	340	340	340	340
PECO																
ENERGY EFFICIENCY	16	7	14	14	14	14	14	14	14	14	14	14	14	14	14	14
LOAD MANAGEMENT	662	805	774	774	774	774	774	774	774	774	774	774	774	774	774	774
TOTAL	678	812	788	788	788	788	788	788	788	788	788	788	788	788	788	788
PENLC																
ENERGY EFFICIENCY	30	30	3	3	3	3	3	3	3	3	3	3	3	3	3	3
LOAD MANAGEMENT	429	422	507	507	507	507	507	507	507	507	507	507	507	507	507	507
TOTAL	459	452	510	510	510	510	510	510	510	510	510	510	510	510	510	510

Notes:
Energy Efficiency values are impacts approved for use in PJM Reliability Pricing Model.
Load Management details appear in Table B-7.

Table B-8 (Continued)

PJM MID-ATLANTIC REGION ENERGY EFFICIENCY PROGRAMS
AND SUM OF ENERGY EFFICIENCY AND LOAD MANAGEMENT - SUMMER (MW)

	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028
PEPCO																
ENERGY EFFICIENCY	54	50	54	54	54	54	54	54	54	54	54	54	54	54	54	54
LOAD MANAGEMENT	638	876	837	837	837	837	837	837	837	837	837	837	837	837	837	837
TOTAL	692	926	891	891	891	891	891	891	891	891	891	891	891	891	891	891
PL																
ENERGY EFFICIENCY	19	16	14	14	14	14	14	14	14	14	14	14	14	14	14	14
LOAD MANAGEMENT	999	1,262	1,114	1,114	1,114	1,114	1,114	1,114	1,114	1,114	1,114	1,114	1,114	1,114	1,114	1,114
TOTAL	1,018	1,278	1,128	1,128	1,128	1,128	1,128	1,128	1,128	1,128	1,128	1,128	1,128	1,128	1,128	1,128
PS																
ENERGY EFFICIENCY	26	15	10	10	10	10	10	10	10	10	10	10	10	10	10	10
LOAD MANAGEMENT	1,141	954	768	768	768	768	768	768	768	768	768	768	768	768	768	768
TOTAL	1,167	969	778	778	778	778	778	778	778	778	778	778	778	778	778	778
RECO																
ENERGY EFFICIENCY	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
LOAD MANAGEMENT	33	30	20	20	20	20	20	20	20	20	20	20	20	20	20	20
TOTAL	33	30	20	20	20	20	20	20	20	20	20	20	20	20	20	20
UGI																
ENERGY EFFICIENCY	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
LOAD MANAGEMENT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
PJM MID-ATLANTIC																
ENERGY EFFICIENCY	261	268	215	215	215	215	215	215	215	215	215	215	215	215	215	215
LOAD MANAGEMENT	6,067	7,059	6,411	6,411	6,411	6,411	6,411	6,411	6,411	6,411	6,411	6,411	6,411	6,411	6,411	6,411
TOTAL	6,328	7,327	6,626	6,626	6,626	6,626	6,626	6,626	6,626	6,626	6,626	6,626	6,626	6,626	6,626	6,626

Table B-8

PJM WESTERN REGION AND PJM SOUTHERN REGION ENERGY EFFICIENCY PROGRAMS
AND SUM OF ENERGY EFFICIENCY AND LOAD MANAGEMENT - SUMMER (MW)

	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028
AEP																
ENERGY EFFICIENCY	8	10	206	206	206	206	206	206	206	206	206	206	206	206	206	206
LOAD MANAGEMENT	1,432	2,043	1,924	1,924	1,924	1,924	1,924	1,924	1,924	1,924	1,924	1,924	1,924	1,924	1,924	1,924
TOTAL	1,440	2,053	2,130	2,130	2,130	2,130	2,130	2,130	2,130	2,130	2,130	2,130	2,130	2,130	2,130	2,130
APS																
ENERGY EFFICIENCY	24	26	1	1	1	1	1	1	1	1	1	1	1	1	1	1
LOAD MANAGEMENT	644	866	903	903	903	903	903	903	903	903	903	903	903	903	903	903
TOTAL	668	892	904	904	904	904	904	904	904	904	904	904	904	904	904	904
ATSI																
ENERGY EFFICIENCY	31	33	43	43	43	43	43	43	43	43	43	43	43	43	43	43
LOAD MANAGEMENT	494	931	1,700	1,700	1,700	1,700	1,700	1,700	1,700	1,700	1,700	1,700	1,700	1,700	1,700	1,700
TOTAL	525	964	1,743	1,743	1,743	1,743	1,743	1,743	1,743	1,743	1,743	1,743	1,743	1,743	1,743	1,743
COMED																
ENERGY EFFICIENCY	493	527	408	408	408	408	408	408	408	408	408	408	408	408	408	408
LOAD MANAGEMENT	946	1,482	1,638	1,638	1,638	1,638	1,638	1,638	1,638	1,638	1,638	1,638	1,638	1,638	1,638	1,638
TOTAL	1,439	2,009	2,046	2,046	2,046	2,046	2,046	2,046	2,046	2,046	2,046	2,046	2,046	2,046	2,046	2,046
DAYTON																
ENERGY EFFICIENCY	13	4	2	2	2	2	2	2	2	2	2	2	2	2	2	2
LOAD MANAGEMENT	57	224	190	190	190	190	190	190	190	190	190	190	190	190	190	190
TOTAL	70	228	192	192	192	192	192	192	192	192	192	192	192	192	192	192
DEOK																
ENERGY EFFICIENCY	3	2	5	5	5	5	5	5	5	5	5	5	5	5	5	5
LOAD MANAGEMENT	208	88	312	312	312	312	312	312	312	312	312	312	312	312	312	312
TOTAL	211	90	317	317	317	317	317	317	317	317	317	317	317	317	317	317
DLCO																
ENERGY EFFICIENCY	2	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4
LOAD MANAGEMENT	188	214	236	236	236	236	236	236	236	236	236	236	236	236	236	236
TOTAL	190	218	240	240	240	240	240	240	240	240	240	240	240	240	240	240
EKPC																
ENERGY EFFICIENCY	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
LOAD MANAGEMENT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Notes:
Energy Efficiency values are impacts approved for use in PJM Reliability Pricing Model.
Load Management details appear in Table B-7.

Table B-8 (Continued)

PJM WESTERN REGION AND PJM SOUTHERN REGION ENERGY EFFICIENCY PROGRAMS
AND SUM OF ENERGY EFFICIENCY AND LOAD MANAGEMENT - SUMMER (MW)

	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028
PJM WESTERN																
ENERGY EFFICIENCY	573	605	669	669	669	669	669	669	669	669	669	669	669	669	669	669
LOAD MANAGEMENT	3,969	5,849	6,904	6,904	6,904	6,904	6,904	6,904	6,904	6,904	6,904	6,904	6,904	6,904	6,904	6,904
TOTAL	4,542	6,454	7,573	7,573	7,573	7,573	7,573	7,573	7,573	7,573	7,573	7,573	7,573	7,573	7,573	7,573
PJM WESTERN with EKPC																
ENERGY EFFICIENCY	573	605	669	669	669	669	669	669	669	669	669	669	669	669	669	669
LOAD MANAGEMENT	3,969	5,849	6,904	6,904	6,904	6,904	6,904	6,904	6,904	6,904	6,904	6,904	6,904	6,904	6,904	6,904
TOTAL	4,542	6,454	7,573	7,573	7,573	7,573	7,573	7,573	7,573	7,573	7,573	7,573	7,573	7,573	7,573	7,573
DOM																
ENERGY EFFICIENCY	7	51	7	7	7	7	7	7	7	7	7	7	7	7	7	7
LOAD MANAGEMENT	706	1,312	1,333	1,333	1,333	1,333	1,333	1,333	1,333	1,333	1,333	1,333	1,333	1,333	1,333	1,333
TOTAL	713	1,363	1,340	1,340	1,340	1,340	1,340	1,340	1,340	1,340	1,340	1,340	1,340	1,340	1,340	1,340
PJM RTO																
ENERGY EFFICIENCY	841	924	891	891	891	891	891	891	891	891	891	891	891	891	891	891
LOAD MANAGEMENT	10,742	14,220	14,648	14,648	14,648	14,648	14,648	14,648	14,648	14,648	14,648	14,648	14,648	14,648	14,648	14,648
TOTAL	11,583	15,144	15,539	15,539	15,539	15,539	15,539	15,539	15,539	15,539	15,539	15,539	15,539	15,539	15,539	15,539
PJM RTO with EKPC																
ENERGY EFFICIENCY	841	924	891	891	891	891	891	891	891	891	891	891	891	891	891	891
LOAD MANAGEMENT	10,742	14,220	14,648	14,648	14,648	14,648	14,648	14,648	14,648	14,648	14,648	14,648	14,648	14,648	14,648	14,648
TOTAL	11,583	15,144	15,539	15,539	15,539	15,539	15,539	15,539	15,539	15,539	15,539	15,539	15,539	15,539	15,539	15,539

Table B-9
ADJUSTMENTS TO SUMMER PEAK LOAD (MW) FOR
EACH PJM ZONE AND RTO
2013 - 2028

	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028
AE	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
BGE	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DPL	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
JCPL	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
METED	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
PECO	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
PENLC	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
PEPCO	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
PL	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
PS	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
RECO	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
UGI	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
AEP	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
APS	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ATSI	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
COMED	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DAYTON	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DEOK	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DLCO	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DOM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
PJM RTO	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
PJM RTO with EKPC	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Notes:
Adjustment values presented here are reflected in Tables B-1 through B-6 and Tables B-10, B-11 and B12.
Adjustments are large, unanticipated load changes deemed by PJM to not be captured in the forecast model.

Table B-10

**SUMMER COINCIDENT PEAK LOAD (MW) FOR
EACH PJM ZONE, LOCATIONAL DELIVERABILITY AREA AND RTO
2013 - 2028**

	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028
AE	2,619	2,671	2,730	2,782	2,812	2,834	2,852	2,874	2,901	2,921	2,942	2,961	2,981	3,000	3,026	3,048
BGE	6,930	7,050	7,182	7,288	7,363	7,422	7,484	7,552	7,616	7,676	7,744	7,806	7,867	7,934	7,999	8,044
DPL	3,981	4,058	4,140	4,212	4,267	4,310	4,358	4,406	4,457	4,502	4,547	4,593	4,633	4,680	4,719	4,758
JCPL	6,012	6,132	6,263	6,381	6,451	6,493	6,546	6,611	6,667	6,757	6,806	6,843	6,891	6,979	7,030	7,105
METED	2,851	2,922	3,000	3,068	3,119	3,160	3,201	3,246	3,291	3,336	3,378	3,420	3,461	3,505	3,551	3,594
PECO	8,380	8,557	8,746	8,908	9,034	9,147	9,252	9,361	9,472	9,565	9,656	9,757	9,844	9,951	10,055	10,147
PENLC	2,780	2,865	2,960	3,044	3,101	3,143	3,195	3,245	3,296	3,343	3,390	3,433	3,476	3,519	3,564	3,606
PEPCO	6,580	6,654	6,731	6,800	6,850	6,892	6,937	6,986	7,032	7,071	7,109	7,152	7,194	7,232	7,274	7,305
PL	6,969	7,105	7,255	7,383	7,480	7,545	7,631	7,712	7,793	7,874	7,952	8,026	8,098	8,171	8,249	8,324
PS	10,168	10,304	10,464	10,600	10,682	10,736	10,803	10,867	10,942	11,009	11,063	11,120	11,185	11,247	11,320	11,367
RECO	401	406	411	416	418	419	421	423	426	427	429	430	432	433	436	437
UGI	187	190	194	198	200	201	203	204	206	208	210	211	212	214	216	217
AEP	22,822	23,211	23,657	24,014	24,256	24,466	24,669	24,874	25,114	25,289	25,503	25,717	25,909	26,118	26,375	26,577
APS	8,301	8,461	8,637	8,786	8,891	8,977	9,059	9,160	9,261	9,350	9,444	9,527	9,612	9,709	9,807	9,903
ATSI	12,730	12,918	13,127	13,295	13,390	13,471	13,553	13,664	13,771	13,851	13,928	14,012	14,097	14,193	14,296	14,385
COMED	21,777	22,349	22,966	23,504	23,892	24,147	24,435	24,756	25,054	25,319	25,583	25,837	26,098	26,398	26,638	26,897
DAYTON	3,273	3,364	3,471	3,556	3,613	3,655	3,700	3,747	3,796	3,839	3,883	3,931	3,976	4,022	4,066	4,107
DEOK	5,275	5,374	5,489	5,565	5,635	5,685	5,739	5,811	5,852	5,905	5,960	6,016	6,071	6,128	6,179	6,227
DLCO	2,832	2,887	2,947	2,996	3,030	3,057	3,080	3,108	3,137	3,163	3,188	3,211	3,236	3,263	3,290	3,310
EKPC	1,826	1,855	1,889	1,920	1,940	1,958	1,975	1,992	2,011	2,028	2,045	2,064	2,078	2,097	2,115	2,132
DOM	18,858	19,385	19,955	20,415	20,787	21,093	21,426	21,770	22,081	22,359	22,679	22,975	23,297	23,602	23,874	24,180
PJM RTO with EKPC	155,552	158,718	162,214	165,131	167,211	168,811	170,519	172,369	174,176	175,792	177,439	179,042	180,648	182,395	184,079	185,670
PJM MID-ATLANTIC	57,858	58,914	60,076	61,080	61,777	62,302	62,883	63,487	64,099	64,689	65,226	65,752	66,274	66,865	67,439	67,952
EASTERN MID-ATLANTIC	31,561	32,128	32,754	33,299	33,664	33,939	34,232	34,542	34,865	35,181	35,443	35,704	35,966	36,290	36,586	36,862
SOUTHERN MID-ATLANTIC	13,510	13,704	13,913	14,088	14,213	14,314	14,421	14,538	14,648	14,747	14,853	14,958	15,061	15,166	15,273	15,349
MID-ATLANTIC and APS	66,159	67,375	68,713	69,866	70,668	71,279	71,942	72,647	73,360	74,039	74,670	75,279	75,886	76,574	77,246	77,855

Notes:
 Load values for Zones and Locational Deliverability Areas are coincident with the PJM RTO peak.
 Assumes integration of EKPC zone into PJM RTO on 6/1/2013. EKPC load is included in all forecast years.
 This table will be used for the Reliability Pricing Model.

Table B-11

PJM CONTROL AREA - JANUARY 2013
 SUMMER TOTAL INTERNAL DEMAND FORECAST (MW) FOR EACH NERC REGION
 2013 - 2023

	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	Annual Growth Rate (10 yr)
PJM - RELIABILITY FIRST	134,024	136,625	139,497	141,908	143,589	144,857	146,206	147,683	149,158	150,457	151,757	1.3%
		1.9%	2.1%	1.7%	1.2%	0.9%	0.9%	1.0%	1.0%	0.9%	0.9%	
PJM - SERC with EKPC	21,529	22,092	22,719	23,220	23,622	23,956	24,315	24,685	25,017	25,334	25,682	1.8%
		2.6%	2.8%	2.2%	1.7%	1.4%	1.5%	1.5%	1.3%	1.3%	1.4%	
PJM RTO with EKPC	155,553	158,717	162,216	165,128	167,211	168,813	170,521	172,368	174,175	175,791	177,439	1.3%
		2.0%	2.2%	1.8%	1.3%	1.0%	1.0%	1.1%	1.0%	0.9%	0.9%	

Notes:

Projected PJM seasonal peak load at normal peak weather conditions in the absence of any load reductions due to load management, voltage reductions or voluntary curtailments. The above forecasts incorporate all load in the PJM Control Area, including members and non-members. All growth rates are calculated from the first year of the forecast.

Table B-11 (Continued)

PJM CONTROL AREA - JANUARY 2013
 SUMMER TOTAL INTERNAL DEMAND FORECAST (MW) FOR EACH NERC REGION
 2024 - 2028

	2024	2025	2026	2027	2028	Annual Growth Rate (15 yr)
PJM - RELIABILITY FIRST	153,045	154,290	155,701	157,108	158,354	1.1%
	0.8%	0.8%	0.9%	0.9%	0.8%	
PJM - SERC with EKPC	25,997	26,357	26,693	26,971	27,317	1.6%
	1.2%	1.4%	1.3%	1.0%	1.3%	
PJM RTO with EKPC	179,042	180,647	182,394	184,079	185,671	1.2%
	0.9%	0.9%	1.0%	0.9%	0.9%	

Table B-12

PJM CONTROL AREA - JANUARY 2013
 WINTER TOTAL INTERNAL DEMAND FORECAST (MW) FOR EACH NERC REGION
 2012/13 - 2022/23

	12/13	13/14	14/15	15/16	16/17	17/18	18/19	19/20	20/21	21/22	22/23	Annual Growth Rate (10 yr)
PJM - RELIABILITY FIRST	111,170	112,288	114,358	116,464	118,059	118,956	119,754	120,530	121,867	122,957	123,848	1.1%
		1.0%	1.8%	1.8%	1.4%	0.8%	0.7%	0.6%	1.1%	0.9%	0.7%	
PJM - SERC with EKPC	19,640	19,941	20,384	20,874	21,237	21,474	21,729	21,932	22,232	22,484	22,770	1.5%
		1.5%	2.2%	2.4%	1.7%	1.1%	1.2%	0.9%	1.4%	1.1%	1.3%	
PJM RTO with EKPC	130,810	132,229	134,742	137,338	139,296	140,430	141,483	142,462	144,099	145,441	146,618	1.1%
		1.1%	1.9%	1.9%	1.4%	0.8%	0.7%	0.7%	1.1%	0.9%	0.8%	

Notes:

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

The above forecasts incorporate all load in the PJM Control Area, including members and non-members.

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

Table B-12 (Continued)

PJM CONTROL AREA - JANUARY 2013
 WINTER TOTAL INTERNAL DEMAND FORECAST (MW) FOR EACH NERC REGION
 2023/24 - 2027/28

	23/24	24/25	25/26	26/27	27/28	Annual Growth Rate (15 yr)
PJM - RELIABILITY FIRST	124,740	125,304	126,535	127,443	128,511	1.0%
	0.7%	0.5%	1.0%	0.7%	0.8%	
PJM - SERC with EKPC	22,990	23,196	23,431	23,700	23,944	1.3%
	1.0%	0.9%	1.0%	1.1%	1.0%	
PJM RTO with EKPC	147,730	148,500	149,966	151,143	152,455	1.0%
	0.8%	0.5%	1.0%	0.8%	0.9%	

Table C-1

PJM LOCATIONAL DELIVERABILITY AREAS
CENTRAL MID-ATLANTIC: BGE, METED, PEPCO, PL and UGI
SEASONAL PEAKS - MW

BASE (50/50) FORECAST

YEAR	SPRING (WK 14-19)	SUMMER (WK 20-39)	FALL (WK 40-45)	WINTER (WK 46-13)
2013	17,059	24,249	16,761	21,407
2014	17,388	24,639	17,026	21,631
2015	17,689	25,096	17,314	21,956
2016	17,977	25,477	17,551	22,287
2017	18,111	25,743	17,798	22,543
2018	18,256	25,955	18,008	22,719
2019	18,444	26,205	18,163	22,877
2020	18,719	26,448	18,274	23,039
2021	18,909	26,681	18,378	23,236
2022	19,034	26,922	18,647	23,418
2023	19,110	27,135	18,931	23,589
2024	19,449	27,373	19,157	23,757
2025	19,657	27,591	19,287	23,899
2026	19,773	27,816	19,367	24,056
2027	19,894	28,032	19,335	24,240
2028	19,862	28,246	19,732	24,420

EXTREME WEATHER (90/10) FORECAST

YEAR	SPRING (WK 14-19)	SUMMER (WK 20-39)	FALL (WK 40-45)	WINTER (WK 46-13)
2013	18,545	25,494	18,571	22,586
2014	18,880	25,955	18,877	22,745
2015	19,385	26,426	19,188	23,150
2016	19,607	26,779	19,409	23,464
2017	19,755	27,050	19,672	23,726
2018	20,071	27,306	19,962	23,918
2019	20,193	27,565	20,143	24,079
2020	20,548	27,859	20,218	24,182
2021	20,685	28,105	20,401	24,425
2022	20,872	28,312	20,610	24,619
2023	20,966	28,534	20,840	24,797
2024	21,257	28,811	21,122	24,967
2025	21,494	29,092	21,241	25,053
2026	21,678	29,326	21,396	25,283
2027	21,859	29,548	21,481	25,448
2028	21,914	29,726	21,712	25,629

Table C-2

PJM LOCATIONAL DELIVERABILITY AREAS
 WESTERN MID-ATLANTIC: METED, PENLC, PL and UGI
 SEASONAL PEAKS - MW

BASE (50/50) FORECAST

YEAR	SPRING (WK 14-19)	SUMMER (WK 20-39)	FALL (WK 40-45)	WINTER (WK 46-13)
2013	10,492	13,225	10,419	12,942
2014	10,722	13,516	10,667	13,106
2015	10,977	13,855	10,957	13,386
2016	11,199	14,143	11,173	13,676
2017	11,390	14,352	11,319	13,928
2018	11,577	14,495	11,496	14,076
2019	11,751	14,689	11,598	14,225
2020	11,884	14,875	11,783	14,342
2021	12,024	15,047	11,896	14,512
2022	12,143	15,229	12,071	14,686
2023	12,270	15,399	12,209	14,845
2024	12,507	15,559	12,386	14,978
2025	12,626	15,719	12,518	15,089
2026	12,764	15,890	12,662	15,225
2027	12,911	16,052	12,718	15,387
2028	12,989	16,228	12,895	15,554

EXTREME WEATHER (90/10) FORECAST

YEAR	SPRING (WK 14-19)	SUMMER (WK 20-39)	FALL (WK 40-45)	WINTER (WK 46-13)
2013	10,771	13,848	10,566	13,605
2014	11,012	14,183	10,801	13,683
2015	11,378	14,526	11,044	14,042
2016	11,559	14,786	11,285	14,332
2017	11,723	14,974	11,437	14,615
2018	11,964	15,147	11,648	14,773
2019	12,086	15,370	11,798	14,905
2020	12,306	15,586	11,858	14,934
2021	12,416	15,769	11,977	15,189
2022	12,563	15,909	12,218	15,390
2023	12,675	16,055	12,372	15,549
2024	12,883	16,273	12,586	15,687
2025	13,061	16,477	12,682	15,688
2026	13,204	16,642	12,791	15,921
2027	13,339	16,809	12,831	16,068
2028	13,412	16,913	13,056	16,266

Table C-3

PJM LOCATIONAL DELIVERABILITY AREAS
 EASTERN MID-ATLANTIC: AE, DPL, JCPL, PECO, PS and RECO
 SEASONAL PEAKS - MW

BASE (50/50) FORECAST

YEAR	SPRING (WK 14-19)	SUMMER (WK 20-39)	FALL (WK 40-45)	WINTER (WK 46-13)
2013	18,779	32,622	20,113	22,613
2014	19,126	33,161	20,491	22,839
2015	19,521	33,827	20,732	23,241
2016	19,786	34,382	20,863	23,652
2017	20,087	34,750	21,340	23,979
2018	20,391	35,045	21,878	24,175
2019	20,604	35,351	22,101	24,374
2020	20,826	35,671	21,998	24,520
2021	21,335	35,980	22,042	24,754
2022	21,217	36,298	22,197	24,975
2023	21,327	36,578	22,640	25,169
2024	22,221	36,855	23,205	25,335
2025	22,333	37,140	23,265	25,470
2026	22,439	37,438	23,266	25,650
2027	22,618	37,737	23,296	25,869
2028	22,327	38,056	23,697	26,086

EXTREME WEATHER (90/10) FORECAST

YEAR	SPRING (WK 14-19)	SUMMER (WK 20-39)	FALL (WK 40-45)	WINTER (WK 46-13)
2013	22,429	34,618	23,139	23,634
2014	22,878	35,288	23,523	23,784
2015	23,675	35,968	23,956	24,210
2016	23,796	36,481	24,268	24,609
2017	23,834	36,868	24,662	25,043
2018	24,418	37,082	25,140	25,235
2019	24,636	37,523	25,345	25,396
2020	25,184	37,940	25,357	25,470
2021	25,386	38,258	25,645	25,705
2022	25,414	38,509	25,788	26,008
2023	25,348	38,809	26,138	26,243
2024	25,931	39,119	26,559	26,403
2025	26,291	39,490	26,586	26,416
2026	26,603	39,786	26,807	26,633
2027	26,825	40,087	27,043	26,813
2028	26,520	40,363	27,301	27,117

Table C-4

PJM LOCATIONAL DELIVERABILITY AREAS
SOUTHERN MID-ATLANTIC: BGE and PEPCO
SEASONAL PEAKS - MW

BASE (50/50) FORECAST

YEAR	SPRING (WK 14-19)	SUMMER (WK 20-39)	FALL (WK 40-45)	WINTER (WK 46-13)
2013	8,958	14,020	9,179	11,375
2014	9,104	14,239	9,306	11,472
2015	9,279	14,455	9,366	11,595
2016	9,396	14,586	9,415	11,741
2017	9,423	14,710	9,605	11,849
2018	9,539	14,776	9,763	11,933
2019	9,604	14,936	9,827	11,989
2020	9,754	15,079	9,779	12,059
2021	9,815	15,159	9,836	12,127
2022	9,877	15,259	9,920	12,206
2023	9,852	15,360	10,124	12,280
2024	10,043	15,480	10,223	12,361
2025	10,148	15,601	10,278	12,412
2026	10,231	15,713	10,328	12,460
2027	10,249	15,799	10,257	12,535
2028	10,214	15,891	10,476	12,610

EXTREME WEATHER (90/10) FORECAST

YEAR	SPRING (WK 14-19)	SUMMER (WK 20-39)	FALL (WK 40-45)	WINTER (WK 46-13)
2013	10,231	14,657	10,483	12,046
2014	10,397	14,874	10,635	12,080
2015	10,646	15,100	10,785	12,276
2016	10,754	15,269	10,848	12,437
2017	10,803	15,412	10,997	12,541
2018	10,931	15,537	11,134	12,618
2019	10,970	15,633	11,212	12,678
2020	11,158	15,776	11,260	12,682
2021	11,226	15,902	11,365	12,843
2022	11,314	15,986	11,398	12,913
2023	11,339	16,110	11,511	12,985
2024	11,468	16,217	11,633	13,054
2025	11,570	16,351	11,688	13,040
2026	11,651	16,458	11,770	13,191
2027	11,737	16,565	11,844	13,258
2028	11,756	16,663	11,901	13,325

Table C-5

**PJM LOCATIONAL DELIVERABILITY AREAS
MID-ATLANTIC and APS: AE, APS, BGE, DPL, JCPL, METED, PECO, PENLC, PEPSCO, PL, PS, RECO and UGI
SEASONAL PEAKS - MW**

BASE (50/50) FORECAST

YEAR	SPRING (WK 14-19)	SUMMER (WK 20-39)	FALL (WK 40-45)	WINTER (WK 46-13)
2013	44,446	68,311	45,027	55,015
2014	45,582	69,533	45,867	55,522
2015	46,666	70,894	46,722	56,542
2016	47,259	72,049	47,410	57,546
2017	47,772	72,862	48,138	58,500
2018	48,306	73,495	48,815	58,890
2019	48,805	74,176	49,287	59,434
2020	49,792	74,864	49,518	59,801
2021	50,217	75,565	49,847	60,387
2022	50,659	76,269	50,685	61,050
2023	50,823	76,890	51,511	61,580
2024	51,730	77,558	52,196	61,931
2025	52,469	78,152	52,605	62,310
2026	52,928	78,836	52,887	62,784
2027	53,131	79,488	52,676	63,346
2028	53,149	80,117	53,838	63,958

EXTREME WEATHER (90/10) FORECAST

YEAR	SPRING (WK 14-19)	SUMMER (WK 20-39)	FALL (WK 40-45)	WINTER (WK 46-13)
2013	49,980	71,996	50,898	57,802
2014	51,010	73,373	51,797	58,208
2015	52,249	74,783	52,742	59,421
2016	52,918	75,878	53,502	60,334
2017	53,545	76,742	54,254	61,568
2018	54,312	77,357	55,179	61,939
2019	54,870	78,257	55,695	62,251
2020	55,734	79,038	55,850	62,679
2021	56,344	79,726	56,440	63,217
2022	56,612	80,281	56,992	64,170
2023	57,132	80,971	57,678	64,694
2024	58,039	81,840	58,557	65,057
2025	58,584	82,593	58,787	65,229
2026	59,137	83,242	59,261	65,730
2027	59,666	83,889	59,627	66,218
2028	59,715	84,397	60,301	67,150

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Table D-1

**SUMMER EXTREME WEATHER (90/10) PEAK LOAD FOR
EACH PJM MID-ATLANTIC ZONE AND GEOGRAPHIC REGION
2013 - 2028**

	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028
AE	2,889	2,950	3,012	3,059	3,092	3,121	3,137	3,166	3,188	3,207	3,230	3,253	3,278	3,299	3,323	3,347
BGE	7,515	7,643	7,781	7,885	7,968	8,037	8,094	8,172	8,249	8,300	8,374	8,439	8,515	8,581	8,647	8,709
DPL	4,268	4,360	4,445	4,524	4,576	4,629	4,676	4,737	4,788	4,841	4,885	4,932	4,990	5,032	5,076	5,118
JCPL	6,692	6,834	6,976	7,088	7,159	7,183	7,288	7,366	7,430	7,483	7,535	7,600	7,678	7,737	7,800	7,851
METED	3,089	3,172	3,252	3,310	3,365	3,411	3,456	3,513	3,558	3,592	3,639	3,687	3,744	3,788	3,832	3,868
PECO	9,186	9,381	9,593	9,747	9,886	10,009	10,116	10,268	10,376	10,450	10,561	10,664	10,785	10,887	10,988	11,087
PENLC	3,011	3,102	3,200	3,276	3,335	3,378	3,438	3,494	3,543	3,583	3,631	3,679	3,730	3,774	3,815	3,850
PEPCO	7,142	7,232	7,320	7,385	7,444	7,500	7,539	7,604	7,653	7,686	7,736	7,778	7,836	7,878	7,918	7,954
PL	7,543	7,700	7,861	7,984	8,056	8,139	8,255	8,357	8,443	8,508	8,557	8,678	8,771	8,847	8,928	8,959
PS	11,131	11,305	11,478	11,597	11,685	11,675	11,832	11,925	11,997	12,048	12,116	12,185	12,271	12,341	12,410	12,468
RECO	452	459	464	466	470	465	474	478	479	480	482	485	488	490	491	492
UGI	205	209	213	216	218	219	221	223	225	226	228	230	232	233	235	236
DIVERSITY - MID-ATLANTIC(-)	0	25	21	0	0	0	0	29	63	0	0	1	0	0	17	23
PJM MID-ATLANTIC	63,123	64,322	65,574	66,537	67,254	67,766	68,526	69,274	69,866	70,404	70,974	71,609	72,318	72,887	73,446	73,916
FE-EAST	12,792	13,107	13,428	13,674	13,859	13,972	14,182	14,373	14,531	14,658	14,805	14,966	15,152	15,299	15,447	15,569
PLGRP	7,748	7,909	8,073	8,199	8,274	8,358	8,476	8,580	8,667	8,734	8,785	8,907	9,003	9,080	9,163	9,195

Table D-1

**SUMMER EXTREME WEATHER (90/10) PEAK LOAD FOR
EACH PJM WESTERN AND PJM SOUTHERN ZONE, GEOGRAPHIC REGION AND RTO
2013 - 2028**

	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028
AEP	24,747	25,211	25,700	26,095	26,388	26,630	26,796	27,056	27,307	27,567	27,811	27,975	28,229	28,453	28,707	29,027
APS	8,961	9,136	9,322	9,472	9,595	9,702	9,775	9,887	9,993	10,079	10,190	10,275	10,381	10,477	10,581	10,686
ATSI	13,722	13,944	14,180	14,301	14,410	14,530	14,628	14,770	14,860	14,904	14,999	15,128	15,236	15,353	15,450	15,485
COMED	24,313	24,943	25,644	26,215	26,619	26,964	27,227	27,548	27,864	28,131	28,446	28,736	28,993	29,270	29,538	29,891
DAYTON	3,570	3,665	3,780	3,869	3,934	3,985	4,020	4,073	4,123	4,169	4,218	4,263	4,313	4,359	4,407	4,457
DEOK	5,751	5,862	5,983	6,108	6,161	6,231	6,278	6,339	6,403	6,487	6,522	6,569	6,629	6,688	6,748	6,815
DLCO	3,124	3,184	3,248	3,298	3,344	3,379	3,390	3,422	3,451	3,475	3,515	3,529	3,559	3,585	3,610	3,649
EKPC	2,025	2,061	2,098	2,126	2,150	2,175	2,191	2,214	2,233	2,250	2,270	2,292	2,313	2,332	2,350	2,370
DIVERSITY - WESTERN(-)	281	396	557	376	337	450	324	482	472	349	377	327	388	419	422	437
PJM WESTERN	83,907	85,549	87,300	88,982	90,114	90,971	91,790	92,613	93,529	94,463	95,324	96,148	96,952	97,766	98,619	99,573
DIVERSITY - WESTERN with EKPC(-)	343	455	505	378	369	492	366	510	523	399	417	375	430	479	482	482
PJM WESTERN with EKPC	85,870	87,551	89,450	91,106	92,232	93,104	93,939	94,799	95,711	96,663	97,554	98,392	99,223	100,038	100,909	101,898
DOM	20,128	20,691	21,302	21,792	22,184	22,543	22,842	23,210	23,553	23,849	24,192	24,510	24,856	25,167	25,476	25,786
DIVERSITY - INTERREGIONAL(-)	2,886	2,961	2,916	2,942	2,992	2,974	3,134	3,221	3,279	3,179	3,209	3,311	3,443	3,444	3,478	3,352
PJM RTO	164,272	167,601	171,260	174,369	176,560	178,306	180,024	181,876	183,669	185,537	187,281	188,956	190,683	192,376	194,063	195,923
DIVERSITY - INTERREGIONAL with EKPC(-)	2,894	2,974	3,038	3,006	3,049	3,003	3,160	3,263	3,299	3,195	3,235	3,333	3,472	3,455	3,489	3,377
PJM RTO with EKPC	166,227	169,590	173,288	176,429	178,621	180,410	182,147	184,020	185,831	187,721	189,485	191,178	192,925	194,637	196,342	198,223

Table D-2

WINTER EXTREME WEATHER (90/10) PEAK LOAD FOR
EACH PJM MID-ATLANTIC ZONE AND GEOGRAPHIC REGION
2012/13 - 2027/28

	12/13	13/14	14/15	15/16	16/17	17/18	18/19	19/20	20/21	21/22	22/23	23/24	24/25	25/26	26/27	27/28
AE	1,852	1,856	1,893	1,924	1,953	1,957	1,965	1,965	1,986	2,000	2,014	2,020	2,015	2,036	2,042	2,056
BGE	6,276	6,275	6,369	6,448	6,510	6,524	6,537	6,525	6,610	6,655	6,690	6,699	6,672	6,745	6,783	6,827
DPL	3,604	3,617	3,700	3,761	3,806	3,826	3,843	3,858	3,920	3,955	3,988	4,003	4,005	4,058	4,088	4,123
JCPL	4,053	4,076	4,190	4,261	4,325	4,349	4,382	4,396	4,455	4,495	4,531	4,551	4,565	4,616	4,656	4,698
METED	2,716	2,743	2,822	2,883	2,946	2,971	3,001	3,019	3,072	3,120	3,162	3,183	3,196	3,254	3,281	3,334
PECO	6,909	6,969	7,146	7,307	7,461	7,531	7,583	7,621	7,758	7,860	7,960	8,009	8,004	8,131	8,204	8,310
PENLC	2,976	3,018	3,128	3,231	3,324	3,359	3,409	3,434	3,509	3,565	3,628	3,654	3,675	3,742	3,785	3,840
PEPCO	5,771	5,805	5,908	6,003	6,078	6,111	6,141	6,157	6,245	6,302	6,349	6,371	6,368	6,446	6,486	6,545
PL	7,705	7,714	7,897	8,053	8,180	8,226	8,275	8,261	8,418	8,517	8,592	8,624	8,591	8,739	8,803	8,906
PS	7,053	7,085	7,220	7,332	7,397	7,428	7,462	7,463	7,571	7,606	7,648	7,668	7,661	7,754	7,805	7,847
RECO	238	239	240	241	242	243	244	245	246	247	248	249	250	251	251	252
UGI	208	208	212	216	219	219	220	220	223	225	226	227	226	229	230	232
DIVERSITY - MID-ATLANTIC(-)	486	391	503	643	589	567	479	303	653	617	607	558	297	605	626	634
PJM MID-ATLANTIC	48,875	49,214	50,222	51,017	51,852	52,177	52,583	52,861	53,360	53,930	54,429	54,700	54,931	55,396	55,788	56,336
FE-EAST	9,725	9,834	10,081	10,312	10,528	10,665	10,761	10,841	10,979	11,121	11,254	11,371	11,422	11,549	11,663	11,799
PLGRP	7,913	7,922	8,109	8,263	8,383	8,445	8,495	8,481	8,636	8,724	8,795	8,850	8,817	8,966	9,030	9,115

Table D-2

WINTER EXTREME WEATHER (90/10) PEAK LOAD FOR
EACH PJM WESTERN AND PJM SOUTHERN ZONE, GEOGRAPHIC REGION AND RTO
2012/13 - 2027/28

	12/13	13/14	14/15	15/16	16/17	17/18	18/19	19/20	20/21	21/22	22/23	23/24	24/25	25/26	26/27	27/28
AEP	24,534	24,560	25,222	25,640	25,863	26,014	26,157	26,124	26,644	26,780	26,964	27,089	27,029	27,490	27,741	27,887
APS	9,056	9,152	9,389	9,587	9,746	9,825	9,898	9,958	10,124	10,254	10,361	10,431	10,457	10,628	10,723	10,859
ATSI	11,077	11,086	11,236	11,362	11,449	11,492	11,522	11,501	11,624	11,692	11,715	11,759	11,735	11,852	11,895	11,952
COMED	16,487	16,579	17,033	17,442	17,796	17,922	18,092	18,057	18,397	18,642	18,842	18,953	18,907	19,216	19,385	19,599
DAYTON	3,036	3,066	3,164	3,240	3,280	3,305	3,326	3,344	3,410	3,432	3,470	3,486	3,502	3,565	3,589	3,614
DEOK	4,707	4,713	4,809	4,871	4,899	4,926	4,935	4,943	5,016	5,044	5,071	5,087	5,079	5,147	5,171	5,206
DLCO	2,271	2,273	2,320	2,350	2,368	2,376	2,382	2,385	2,415	2,430	2,443	2,447	2,444	2,476	2,487	2,502
EKPC	2,626	2,632	2,671	2,701	2,720	2,728	2,733	2,735	2,770	2,786	2,800	2,804	2,797	2,829	2,843	2,861
DIVERSITY - WESTERN(-)	1,108	752	925	1,129	1,368	1,352	1,306	918	1,173	1,263	1,441	1,423	1,009	1,182	1,251	1,323
PJM WESTERN	70,060	70,677	72,248	73,363	74,033	74,508	75,006	75,394	76,457	77,011	77,425	77,829	78,144	79,192	79,740	80,296
DIVERSITY - WESTERN with EKPC(-)	1,293	889	1,077	1,290	1,570	1,559	1,504	1,065	1,341	1,547	1,652	1,637	1,176	1,351	1,422	1,613
PJM WESTERN with EKPC	72,501	73,172	74,767	75,903	76,551	77,029	77,541	77,982	79,059	79,513	80,014	80,419	80,774	81,852	82,412	82,867
DOM	18,677	18,826	19,348	19,829	20,293	20,493	20,691	20,762	21,148	21,482	21,800	21,974	21,977	22,338	22,572	22,903
DIVERSITY - INTERREGIONAL(-)	1,769	1,715	823	659	843	838	2,035	1,729	672	895	909	885	1,734	791	781	996
PJM RTO	135,843	137,002	140,995	143,550	145,335	146,340	146,245	147,288	150,293	151,528	152,745	153,618	153,318	156,135	157,319	158,539
DIVERSITY - INTERREGIONAL with EKPC(-)	1,772	1,770	743	695	794	941	2,051	1,837	705	798	911	996	1,817	783	756	842
PJM RTO with EKPC	138,281	139,442	143,594	146,054	147,902	148,758	148,764	149,768	152,862	154,127	155,332	156,097	155,865	158,803	160,016	161,264

Table E-1

**ANNUAL NET ENERGY (GWh) AND GROWTH RATES FOR
EACH PJM MID-ATLANTIC ZONE AND GEOGRAPHIC REGION
2013 - 2023**

	ESTIMATED 2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	Annual Growth Rate (10 yr)
AE	11,070	11,408	11,597	11,831	12,058	12,153	12,240	12,313	12,435	12,524	12,610	12,692	1.1%
		3.1%	1.7%	2.0%	1.9%	0.8%	0.7%	0.6%	1.0%	0.7%	0.7%	0.7%	
BGE	33,578	34,756	35,250	35,819	36,425	36,677	36,941	37,180	37,571	37,824	38,119	38,401	1.0%
		3.5%	1.4%	1.6%	1.7%	0.7%	0.7%	0.6%	1.1%	0.7%	0.8%	0.7%	
DPL	18,950	19,462	19,765	20,097	20,458	20,644	20,837	21,010	21,275	21,475	21,679	21,870	1.2%
		2.7%	1.6%	1.7%	1.8%	0.9%	0.9%	0.8%	1.3%	0.9%	0.9%	0.9%	
JCPL	23,486	24,416	24,966	25,583	26,196	26,491	26,762	26,998	27,360	27,631	27,918	28,181	1.4%
		4.0%	2.3%	2.5%	2.4%	1.1%	1.0%	0.9%	1.3%	1.0%	1.0%	0.9%	
METED	15,706	16,320	16,731	17,202	17,668	17,927	18,185	18,407	18,747	18,979	19,255	19,504	1.8%
		3.9%	2.5%	2.8%	2.7%	1.5%	1.4%	1.2%	1.8%	1.2%	1.5%	1.3%	
PECO	40,730	42,362	43,347	44,471	45,591	46,262	46,907	47,506	48,279	48,800	49,413	49,976	1.7%
		4.0%	2.3%	2.6%	2.5%	1.5%	1.4%	1.3%	1.6%	1.1%	1.3%	1.1%	
PENLC	18,065	18,857	19,539	20,338	21,098	21,542	21,951	22,321	22,812	23,170	23,580	23,955	2.4%
		4.4%	3.6%	4.1%	3.7%	2.1%	1.9%	1.7%	2.2%	1.6%	1.8%	1.6%	
PEPCO	31,502	32,972	33,373	33,809	34,309	34,526	34,782	35,004	35,363	35,565	35,817	36,043	0.9%
		4.7%	1.2%	1.3%	1.5%	0.6%	0.7%	0.6%	1.0%	0.6%	0.7%	0.6%	
PL	40,769	42,340	43,186	44,175	45,168	45,679	46,200	46,643	47,346	47,772	48,306	48,790	1.4%
		3.9%	2.0%	2.3%	2.2%	1.1%	1.1%	1.0%	1.5%	0.9%	1.1%	1.0%	
PS	45,275	47,248	48,011	48,848	49,705	50,040	50,366	50,656	51,200	51,511	51,890	52,203	1.0%
		4.4%	1.6%	1.7%	1.8%	0.7%	0.7%	0.6%	1.1%	0.6%	0.7%	0.6%	
RECO	1,548	1,562	1,579	1,595	1,617	1,620	1,627	1,629	1,644	1,645	1,656	1,658	0.6%
		0.9%	1.1%	1.0%	1.4%	0.2%	0.4%	0.1%	0.9%	0.1%	0.7%	0.1%	
UGI	1,055	1,075	1,096	1,121	1,145	1,155	1,166	1,178	1,190	1,199	1,211	1,221	1.3%
		1.9%	2.0%	2.3%	2.1%	0.9%	1.0%	1.0%	1.0%	0.8%	1.0%	0.8%	
PJM MID-ATLANTIC	281,734	292,778	298,440	304,889	311,438	314,716	317,964	320,845	325,222	328,095	331,454	334,494	1.3%
		3.9%	1.9%	2.2%	2.1%	1.1%	1.0%	0.9%	1.4%	0.9%	1.0%	0.9%	
FE-EAST	57,257	59,593	61,236	63,123	64,962	65,960	66,898	67,726	68,919	69,780	70,753	71,640	1.9%
		4.1%	2.8%	3.1%	2.9%	1.5%	1.4%	1.2%	1.8%	1.2%	1.4%	1.3%	
PLGRP	41,824	43,415	44,282	45,296	46,313	46,834	47,366	47,821	48,536	48,971	49,517	50,011	1.4%
		3.8%	2.0%	2.3%	2.2%	1.1%	1.1%	1.0%	1.5%	0.9%	1.1%	1.0%	

Notes:
Estimated 2012 includes weather-normalized data through August.
All average growth rates are calculated from the first year of the forecast.

Table E-1 (Continued)

ANNUAL NET ENERGY (GWh) AND GROWTH RATES FOR
EACH PJM MID-ATLANTIC ZONE AND GEOGRAPHIC REGION
2024 - 2028

	2024	2025	2026	2027	2028	Annual Growth Rate (15 yr)
AE	12,807 0.9%	12,848 0.3%	12,934 0.7%	13,016 0.6%	13,146 1.0%	0.9%
BGE	38,772 1.0%	38,941 0.4%	39,211 0.7%	39,477 0.7%	39,877 1.0%	0.9%
DPL	22,114 1.1%	22,240 0.6%	22,415 0.8%	22,577 0.7%	22,822 1.1%	1.1%
JCPL	28,495 1.1%	28,689 0.7%	28,965 1.0%	29,243 1.0%	29,621 1.3%	1.3%
METED	19,796 1.5%	20,002 1.0%	20,267 1.3%	20,532 1.3%	20,853 1.6%	1.6%
PECO	50,657 1.4%	51,080 0.8%	51,641 1.1%	52,201 1.1%	52,944 1.4%	1.5%
PENLC	24,380 1.8%	24,674 1.2%	25,039 1.5%	25,399 1.4%	25,814 1.6%	2.1%
PEPCO	36,371 0.9%	36,504 0.4%	36,710 0.6%	36,906 0.5%	37,229 0.9%	0.8%
PL	49,390 1.2%	49,736 0.7%	50,233 1.0%	50,721 1.0%	51,350 1.2%	1.3%
PS	52,601 0.8%	52,821 0.4%	53,172 0.7%	53,520 0.7%	54,031 1.0%	0.9%
RECO	1,666 0.5%	1,669 0.2%	1,676 0.4%	1,682 0.4%	1,692 0.6%	0.5%
UGI	1,233 1.0%	1,240 0.6%	1,248 0.6%	1,260 1.0%	1,275 1.2%	1.1%
PJM MID-ATLANTIC	338,282 1.1%	340,444 0.6%	343,511 0.9%	346,534 0.9%	350,654 1.2%	1.2%
FE-EAST	72,671 1.4%	73,365 1.0%	74,271 1.2%	75,174 1.2%	76,288 1.5%	1.7%
PLGRP	50,623 1.2%	50,976 0.7%	51,481 1.0%	51,981 1.0%	52,625 1.2%	1.3%

Table E-1
ANNUAL NET ENERGY (GWh) AND GROWTH RATES FOR
EACH PJM WESTERN AND PJM SOUTHERN ZONE, GEOGRAPHIC REGION AND RTO
2013 - 2023

	ESTIMATED 2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	Annual Growth Rate (10 yr)
AEP	136,556	139,064	141,238	143,685	146,142	147,141	148,272	149,182	150,906	151,727	152,946	154,024	1.0%
		1.8%	1.6%	1.7%	1.7%	0.7%	0.8%	0.6%	1.2%	0.5%	0.8%	0.7%	
APS	48,287	50,153	51,092	52,142	53,228	53,727	54,267	54,745	55,523	55,997	56,581	57,121	1.3%
		3.9%	1.9%	2.1%	2.1%	0.9%	1.0%	0.9%	1.4%	0.9%	1.0%	1.0%	
ATSI	68,787	70,733	71,791	72,949	74,098	74,506	74,969	75,300	76,157	76,610	77,142	77,553	0.9%
		2.8%	1.5%	1.6%	1.6%	0.6%	0.6%	0.4%	1.1%	0.6%	0.7%	0.5%	
COMED	101,128	104,931	108,057	111,666	115,207	117,128	118,768	120,211	122,307	123,766	125,434	126,953	1.9%
		3.8%	3.0%	3.3%	3.2%	1.7%	1.4%	1.2%	1.7%	1.2%	1.3%	1.2%	
DAYTON	17,413	17,735	18,278	18,951	19,565	19,897	20,165	20,377	20,750	21,012	21,312	21,579	2.0%
		1.8%	3.1%	3.7%	3.2%	1.7%	1.3%	1.1%	1.8%	1.3%	1.4%	1.3%	
DEOK	27,066	28,112	28,577	29,117	29,666	29,937	30,203	30,426	30,804	31,055	31,343	31,595	1.2%
		3.9%	1.7%	1.9%	1.9%	0.9%	0.9%	0.7%	1.2%	0.8%	0.9%	0.8%	
DLCO	15,078	15,193	15,506	15,858	16,204	16,366	16,521	16,647	16,861	16,988	17,149	17,291	1.3%
		0.8%	2.1%	2.3%	2.2%	1.0%	0.9%	0.8%	1.3%	0.8%	0.9%	0.8%	
EKPC	10,284	10,409	10,524	10,647	10,790	10,844	10,911	10,964	11,070	11,120	11,190	11,254	0.8%
		1.2%	1.1%	1.2%	1.3%	0.5%	0.6%	0.5%	1.0%	0.5%	0.6%	0.6%	
PJM WESTERN	414,315	425,921	434,539	444,368	454,110	458,702	463,165	466,888	473,308	477,155	481,907	486,116	1.3%
		2.8%	2.0%	2.3%	2.2%	1.0%	1.0%	0.8%	1.4%	0.8%	1.0%	0.9%	
PJM WESTERN with EKPC	424,599	436,330	445,063	455,015	464,900	469,546	474,076	477,852	484,378	488,275	493,097	497,370	1.3%
		2.8%	2.0%	2.2%	2.2%	1.0%	1.0%	0.8%	1.4%	0.8%	1.0%	0.9%	
DOM	94,969	97,454	100,194	103,257	106,331	108,107	109,784	111,392	113,464	115,041	116,818	118,510	2.0%
		2.6%	2.8%	3.1%	3.0%	1.7%	1.6%	1.5%	1.9%	1.4%	1.5%	1.4%	
PJM RTO	791,018	816,153	833,173	852,514	871,879	881,525	890,913	899,125	911,994	920,291	930,179	939,120	1.4%
		3.2%	2.1%	2.3%	2.3%	1.1%	1.1%	0.9%	1.4%	0.9%	1.1%	1.0%	
PJM RTO with EKPC	801,302	826,562	843,697	863,161	882,669	892,369	901,824	910,089	923,064	931,411	941,369	950,374	1.4%
		3.2%	2.1%	2.3%	2.3%	1.1%	1.1%	0.9%	1.4%	0.9%	1.1%	1.0%	

Notes:
 Estimated 2012 includes weather-normalized data through August.
 All average growth rates are calculated from the first year of the forecast.

Table E-1 (Continued)

ANNUAL NET ENERGY (GWh) AND GROWTH RATES FOR
EACH PJM WESTERN AND PJM SOUTHERN ZONE, GEOGRAPHIC REGION AND RTO
2024 - 2028

	2024	2025	2026	2027	2028	Annual Growth Rate (15 yr)
AEP	155,482	156,200	157,394	158,583	160,257	1.0%
	0.9%	0.5%	0.8%	0.8%	1.1%	
APS	57,800	58,191	58,756	59,308	60,061	1.2%
	1.2%	0.7%	1.0%	0.9%	1.3%	
ATSI	78,117	78,441	78,970	79,482	80,156	0.8%
	0.7%	0.4%	0.7%	0.6%	0.8%	
COMED	128,700	129,906	131,427	132,917	134,747	1.7%
	1.4%	0.9%	1.2%	1.1%	1.4%	
DAYTON	21,881	22,102	22,388	22,667	23,012	1.8%
	1.4%	1.0%	1.3%	1.2%	1.5%	
DEOK	31,914	32,098	32,368	32,629	32,988	1.1%
	1.0%	0.6%	0.8%	0.8%	1.1%	
DLCO	17,462	17,562	17,709	17,855	18,052	1.2%
	1.0%	0.6%	0.8%	0.8%	1.1%	
EKPC	11,348	11,382	11,448	11,508	11,611	0.7%
	0.8%	0.3%	0.6%	0.5%	0.9%	
PJM WESTERN	491,356	494,500	499,012	503,441	509,273	1.2%
	1.1%	0.6%	0.9%	0.9%	1.2%	
PJM WESTERN with EKPC	502,704	505,882	510,460	514,949	520,884	1.2%
	1.1%	0.6%	0.9%	0.9%	1.2%	
DOM	120,443	121,730	123,321	124,905	126,950	1.8%
	1.6%	1.1%	1.3%	1.3%	1.6%	
PJM RTO	950,081	956,674	965,844	974,880	986,877	1.3%
	1.2%	0.7%	1.0%	0.9%	1.2%	
PJM RTO with EKPC	961,429	968,056	977,292	986,388	998,488	1.3%
	1.2%	0.7%	1.0%	0.9%	1.2%	

Table E-2

**MONTHLY NET ENERGY FORECAST (GWh) FOR
EACH PJM MID-ATLANTIC ZONE AND GEOGRAPHIC REGION**

	AE	BGE	DPL	JCPL	METED	PECO	PENLC	PEPCO	PL	PS	RECO	UGI	PJM MID-ATLANTIC
Jan 2013	975	3,250	1,806	2,131	1,507	3,789	1,740	2,989	4,095	4,014	129	108	26,533
Feb 2013	856	2,823	1,579	1,860	1,332	3,326	1,543	2,606	3,589	3,540	112	94	23,260
Mar 2013	863	2,763	1,524	1,894	1,348	3,374	1,598	2,553	3,581	3,674	118	93	23,383
Apr 2013	801	2,468	1,371	1,752	1,236	3,118	1,470	2,348	3,194	3,484	112	80	21,434
May 2013	852	2,578	1,437	1,846	1,275	3,235	1,502	2,481	3,247	3,672	122	80	22,327
Jun 2013	1,003	3,015	1,684	2,144	1,338	3,627	1,488	2,945	3,345	4,192	142	82	25,005
Jul 2013	1,264	3,481	1,982	2,598	1,502	4,218	1,609	3,375	3,738	4,903	168	94	28,932
Aug 2013	1,230	3,401	1,924	2,487	1,478	4,100	1,618	3,270	3,689	4,749	161	91	28,198
Sep 2013	920	2,735	1,542	1,924	1,262	3,338	1,493	2,672	3,239	3,813	129	78	23,145
Oct 2013	856	2,572	1,446	1,864	1,305	3,302	1,565	2,454	3,326	3,711	125	83	22,609
Nov 2013	838	2,603	1,459	1,837	1,289	3,259	1,542	2,444	3,386	3,599	118	88	22,462
Dec 2013	950	3,067	1,708	2,079	1,448	3,676	1,689	2,835	3,911	3,897	126	104	25,490
	AE	BGE	DPL	JCPL	METED	PECO	PENLC	PEPCO	PL	PS	RECO	UGI	MID-ATLANTIC
Jan 2014	984	3,281	1,828	2,164	1,536	3,859	1,789	3,022	4,156	4,059	130	109	26,917
Feb 2014	865	2,852	1,600	1,892	1,358	3,390	1,587	2,635	3,645	3,581	113	95	23,613
Mar 2014	873	2,796	1,546	1,929	1,379	3,448	1,649	2,584	3,649	3,723	119	94	23,789
Apr 2014	815	2,502	1,392	1,792	1,264	3,187	1,520	2,375	3,250	3,536	113	82	21,828
May 2014	866	2,613	1,456	1,887	1,304	3,306	1,553	2,505	3,305	3,725	123	81	22,724
Jun 2014	1,019	3,061	1,709	2,193	1,374	3,712	1,543	2,985	3,419	4,263	144	84	25,506
Jul 2014	1,286	3,539	2,014	2,658	1,546	4,320	1,675	3,417	3,827	4,991	171	96	29,540
Aug 2014	1,249	3,441	1,947	2,531	1,507	4,174	1,668	3,289	3,743	4,798	162	93	28,602
Sep 2014	939	2,785	1,573	1,979	1,300	3,437	1,554	2,714	3,320	3,900	131	81	23,713
Oct 2014	875	2,616	1,472	1,915	1,340	3,389	1,627	2,486	3,400	3,777	126	85	23,108
Nov 2014	855	2,642	1,483	1,883	1,319	3,339	1,597	2,473	3,448	3,659	119	89	22,906
Dec 2014	971	3,122	1,745	2,143	1,504	3,786	1,777	2,888	4,024	3,999	128	107	26,194
	AE	BGE	DPL	JCPL	METED	PECO	PENLC	PEPCO	PL	PS	RECO	UGI	MID-ATLANTIC
Jan 2015	1,000	3,317	1,854	2,210	1,571	3,941	1,851	3,055	4,228	4,109	130	111	27,377
Feb 2015	881	2,894	1,628	1,938	1,395	3,476	1,650	2,675	3,725	3,645	114	97	24,118
Mar 2015	890	2,842	1,574	1,981	1,422	3,547	1,723	2,624	3,744	3,801	121	97	24,366
Apr 2015	834	2,549	1,419	1,843	1,300	3,278	1,585	2,410	3,328	3,604	115	84	22,349
May 2015	886	2,657	1,481	1,938	1,339	3,396	1,617	2,534	3,376	3,790	124	83	23,221
Jun 2015	1,042	3,118	1,741	2,251	1,418	3,817	1,611	3,024	3,513	4,349	146	86	26,116
Jul 2015	1,309	3,594	2,043	2,714	1,585	4,420	1,740	3,451	3,909	5,065	172	98	30,100
Aug 2015	1,273	3,496	1,976	2,588	1,547	4,276	1,733	3,325	3,824	4,873	163	95	29,169
Sep 2015	959	2,828	1,597	2,026	1,336	3,522	1,617	2,740	3,393	3,958	132	83	24,191
Oct 2015	893	2,658	1,494	1,961	1,373	3,473	1,687	2,516	3,465	3,836	127	86	23,569
Nov 2015	874	2,691	1,512	1,933	1,361	3,433	1,667	2,517	3,540	3,730	121	92	23,471
Dec 2015	990	3,175	1,778	2,200	1,555	3,892	1,857	2,938	4,130	4,088	130	109	26,842

Table E-2

**MONTHLY NET ENERGY FORECAST (GWh) FOR
EACH PJM WESTERN AND PJM SOUTHERN ZONE, GEOGRAPHIC REGION AND RTO**

	AEP	APS	ATSI	COMED	DAYTON	DEOK	DLCO	EKPC	PJM WESTERN	PJM WESTERN (w/ EKPC)	DOM	PJM RTO	PJM RTO (w/ EKPC)
Jan 2013	13,217	4,891	6,371	9,174	1,613	2,519	1,323	1,106	39,108	40,214	9,171	74,812	75,918
Feb 2013	11,551	4,287	5,678	8,094	1,416	2,197	1,169	941	34,392	35,333	7,929	65,581	66,522
Mar 2013	11,577	4,254	5,821	8,349	1,420	2,188	1,219	857	34,828	35,685	7,631	65,842	66,699
Apr 2013	10,471	3,767	5,475	7,851	1,327	2,057	1,149	715	32,097	32,812	6,855	60,386	61,101
May 2013	10,796	3,843	5,665	8,172	1,380	2,164	1,213	735	33,233	33,968	7,244	62,804	63,539
Jun 2013	11,276	3,979	5,795	8,826	1,493	2,475	1,300	837	35,144	35,981	8,540	68,689	69,526
Jul 2013	12,422	4,397	6,450	10,418	1,690	2,793	1,470	934	39,640	40,574	9,625	78,197	79,131
Aug 2013	12,400	4,373	6,420	10,101	1,677	2,751	1,444	928	39,166	40,094	9,394	76,758	77,686
Sep 2013	10,708	3,794	5,584	8,292	1,384	2,214	1,212	748	33,188	33,936	7,750	64,083	64,831
Oct 2013	10,963	3,900	5,756	8,370	1,410	2,180	1,215	734	33,794	34,528	7,233	63,636	64,370
Nov 2013	11,071	4,013	5,645	8,226	1,389	2,151	1,190	829	33,685	34,514	7,354	63,501	64,330
Dec 2013	12,612	4,655	6,073	9,058	1,536	2,423	1,289	1,045	37,646	38,691	8,728	71,864	72,909
	AEP	APS	ATSI	COMED	DAYTON	DEOK	DLCO	EKPC	WESTERN	WESTERN	DOM	PJM RTO	PJM RTO
Jan 2014	13,383	4,967	6,434	9,375	1,645	2,548	1,343	1,114	39,695	40,809	9,376	75,988	77,102
Feb 2014	11,697	4,357	5,730	8,272	1,444	2,223	1,187	949	34,910	35,859	8,118	66,641	67,590
Mar 2014	11,755	4,333	5,890	8,559	1,455	2,221	1,243	866	35,456	36,322	7,833	67,078	67,944
Apr 2014	10,603	3,828	5,539	8,075	1,365	2,088	1,172	722	32,670	33,392	7,055	61,553	62,275
May 2014	10,931	3,900	5,731	8,407	1,419	2,195	1,236	742	33,819	34,561	7,444	63,987	64,729
Jun 2014	11,455	4,054	5,893	9,106	1,540	2,518	1,328	846	35,894	36,740	8,771	70,171	71,017
Jul 2014	12,662	4,488	6,572	10,771	1,750	2,847	1,504	945	40,594	41,539	9,895	80,029	80,974
Aug 2014	12,524	4,430	6,472	10,343	1,717	2,782	1,468	935	39,736	40,671	9,611	77,949	78,884
Sep 2014	10,913	3,877	5,684	8,582	1,436	2,263	1,241	759	33,996	34,755	8,005	65,714	66,473
Oct 2014	11,142	3,977	5,842	8,658	1,461	2,220	1,243	743	34,543	35,286	7,470	65,121	65,864
Nov 2014	11,228	4,088	5,714	8,478	1,434	2,186	1,213	839	34,341	35,180	7,587	64,834	65,673
Dec 2014	12,945	4,793	6,290	9,431	1,612	2,486	1,328	1,064	38,885	39,949	9,029	74,108	75,172
	AEP	APS	ATSI	COMED	DAYTON	DEOK	DLCO	EKPC	WESTERN	WESTERN	DOM	PJM RTO	PJM RTO
Jan 2015	13,564	5,056	6,500	9,625	1,690	2,582	1,366	1,125	40,383	41,508	9,622	77,382	78,507
Feb 2015	11,912	4,452	5,816	8,536	1,492	2,263	1,213	960	35,684	36,644	8,364	68,166	69,126
Mar 2015	12,001	4,434	6,005	8,881	1,516	2,268	1,274	878	36,379	37,257	8,092	68,837	69,715
Apr 2015	10,795	3,913	5,628	8,365	1,420	2,131	1,200	732	33,452	34,184	7,302	63,103	63,835
May 2015	11,097	3,970	5,819	8,703	1,474	2,236	1,264	749	34,563	35,312	7,682	65,466	66,215
Jun 2015	11,687	4,145	6,012	9,456	1,606	2,575	1,362	857	36,843	37,700	9,046	72,005	72,862
Jul 2015	12,855	4,568	6,669	11,094	1,810	2,898	1,536	955	41,430	42,385	10,170	81,700	82,655
Aug 2015	12,722	4,510	6,567	10,667	1,777	2,835	1,500	946	40,578	41,524	9,886	79,633	80,579
Sep 2015	11,079	3,950	5,771	8,865	1,489	2,299	1,269	766	34,722	35,488	8,238	67,151	67,917
Oct 2015	11,297	4,045	5,918	8,932	1,511	2,257	1,269	750	35,229	35,979	7,699	66,497	67,247
Nov 2015	11,443	4,184	5,821	8,778	1,490	2,232	1,243	850	35,191	36,041	7,843	66,505	67,355
Dec 2015	13,233	4,915	6,423	9,764	1,676	2,541	1,362	1,079	39,914	40,993	9,313	76,069	77,148

Table E-3

MONTHLY NET ENERGY FORECAST (GWh) FOR
FE-EAST AND PLGRP

	FE_EAST	PLGRP
Jan 2013	5,378	4,203
Feb 2013	4,735	3,683
Mar 2013	4,840	3,674
Apr 2013	4,458	3,274
May 2013	4,623	3,327
Jun 2013	4,970	3,427
Jul 2013	5,709	3,832
Aug 2013	5,583	3,780
Sep 2013	4,679	3,317
Oct 2013	4,734	3,409
Nov 2013	4,668	3,474
Dec 2013	5,216	4,015

	FE_EAST	PLGRP
Jan 2014	5,489	4,265
Feb 2014	4,837	3,740
Mar 2014	4,957	3,743
Apr 2014	4,576	3,332
May 2014	4,744	3,386
Jun 2014	5,110	3,503
Jul 2014	5,879	3,923
Aug 2014	5,706	3,836
Sep 2014	4,833	3,401
Oct 2014	4,882	3,485
Nov 2014	4,799	3,537
Dec 2014	5,424	4,131

	FE_EAST	PLGRP
Jan 2015	5,632	4,339
Feb 2015	4,983	3,822
Mar 2015	5,126	3,841
Apr 2015	4,728	3,412
May 2015	4,894	3,459
Jun 2015	5,280	3,599
Jul 2015	6,039	4,007
Aug 2015	5,868	3,919
Sep 2015	4,979	3,476
Oct 2015	5,021	3,551
Nov 2015	4,961	3,632
Dec 2015	5,612	4,239

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**Table F-1
PJM RTO HISTORICAL PEAKS
(MW)**

SUMMER

YEAR	NORMALIZED BASE	NORMALIZED COOLING	NORMALIZED TOTAL	UNRESTRICTED PEAK	PEAK DATE	TIME
1998				131,726	Tuesday, July 21, 1998	17:00
1999	88,933			139,685	Friday, July 30, 1999	17:00
2000	90,958			130,098	Wednesday, August 9, 2000	17:00
2001	92,064			149,294	Thursday, August 9, 2001	16:00
2002	92,661			149,009	Thursday, August 1, 2002	17:00
2003	93,576			143,563	Thursday, August 21, 2003	17:00
2004	95,001			137,592	Tuesday, August 3, 2004	17:00
2005	95,677	54,703	150,380	153,384	Tuesday, July 26, 2005	16:00
2006	95,236	57,174	152,410	165,103	Wednesday, August 2, 2006	17:00
2007	96,631	57,479	154,110	160,065	Wednesday, August 8, 2007	16:00
2008	96,918	57,852	154,770	148,803	Monday, June 9, 2008	17:00
2009	94,450	56,550	151,000	143,324	Monday, August 10, 2009	16:00
2010	93,006	58,744	151,750	155,371	Wednesday, July 7, 2010	17:00
2011	93,277	58,523	151,800	163,721	Thursday, July 21, 2011	17:00
2012	92,858	59,547	152,405	156,319	Tuesday, July 17, 2012	17:00

WINTER

YEAR	NORMALIZED BASE	NORMALIZED HEATING	NORMALIZED TOTAL	UNRESTRICTED PEAK	PEAK DATE	TIME
97/98				102,595	Monday, December 8, 1997	19:00
98/99	88,312			114,330	Tuesday, January 5, 1999	19:00
99/00	89,281			116,717	Thursday, January 27, 2000	20:00
00/01	91,279			116,296	Wednesday, December 20, 2000	19:00
01/02	92,316			110,444	Wednesday, January 2, 2002	19:00
02/03	92,533			127,692	Thursday, January 23, 2003	19:00
03/04	93,704			120,784	Monday, January 26, 2004	19:00
04/05	94,384			129,211	Monday, December 20, 2004	19:00
05/06	94,708	30,262	124,970	125,041	Wednesday, December 14, 2005	19:00
06/07	96,196	29,424	125,620	134,551	Monday, February 5, 2007	20:00
07/08	97,259	30,341	127,600	126,293	Thursday, January 3, 2008	19:00
08/09	96,393	32,147	128,540	131,847	Friday, January 16, 2009	19:00
09/10	93,530	33,140	126,670	123,249	Monday, January 4, 2010	19:00
10/11	91,872	35,128	127,000	130,131	Tuesday, December 14, 2010	19:00
11/12	92,260	35,760	128,020	122,566	Tuesday, January 3, 2012	19:00

Notes:

Normalized values for 2005 - 2012 are calculated by PJM staff using a methodology consistent with the PJM Load Forecast Model.
 Normalized base values are calculated by PJM staff using a two-period average of peak loads on non-heating/non-cooling days.
 All times are shown in hour ending Eastern Prevailing Time.
 All historic peak values reflect the membership of the PJM RTO as January 1, 2012.

Table F-2
PJM RTO HISTORICAL NET ENERGY
(GWH)

YEAR	ENERGY	GROWTH RATE
1998	710,095	1.3%
1999	730,986	2.9%
2000	746,574	2.1%
2001	744,672	-0.3%
2002	771,810	3.6%
2003	770,248	-0.2%
2004	786,656	2.1%
2005	812,839	3.3%
2006	792,659	-2.5%
2007	822,589	3.8%
2008	811,192	-1.4%
2009	770,653	-5.0%
2010	808,853	5.0%
2011	795,160	-1.7%

Table G-1

ANNUALIZED AVERAGE GROWTH OF INDEXED ECONOMIC VARIABLE
FOR EACH PJM ZONE AND RTO

	5-Year (2013-18)	10-Year (2013-23)	15-Year (2013-28)
AE	1.8%	1.3%	1.1%
BGE	2.1%	1.7%	1.5%
DPL	2.5%	2.0%	1.8%
JCPL	1.9%	1.4%	1.3%
METED	2.2%	1.8%	1.6%
PECO	2.2%	1.8%	1.6%
PENLC	2.1%	1.7%	1.5%
PEPCO	2.1%	1.7%	1.5%
PL	2.1%	1.7%	1.5%
PS	1.9%	1.5%	1.3%
RECO	1.7%	1.2%	1.1%
UGI	1.4%	1.1%	1.0%
AEP	2.2%	1.7%	1.5%
APS	2.2%	1.8%	1.6%
ATSI	2.1%	1.6%	1.5%
COMED	2.3%	1.8%	1.5%
DAYTON	1.9%	1.4%	1.3%
DEOK	2.1%	1.7%	1.5%
DLCO	2.1%	1.6%	1.4%
EKPC	2.1%	1.7%	1.5%
DOM	2.0%	1.7%	1.5%
PJM RTO	2.1%	1.7%	1.5%

Source: Moody's Analytics, November, 2012

Notes:

Values presented are annualized compound average growth rates.

Indexed economic variable is a combination of U.S. Gross Domestic Product, Gross Metropolitan Product, Real Personal Income, Population, Households, and Non-Manufacturing Employment.