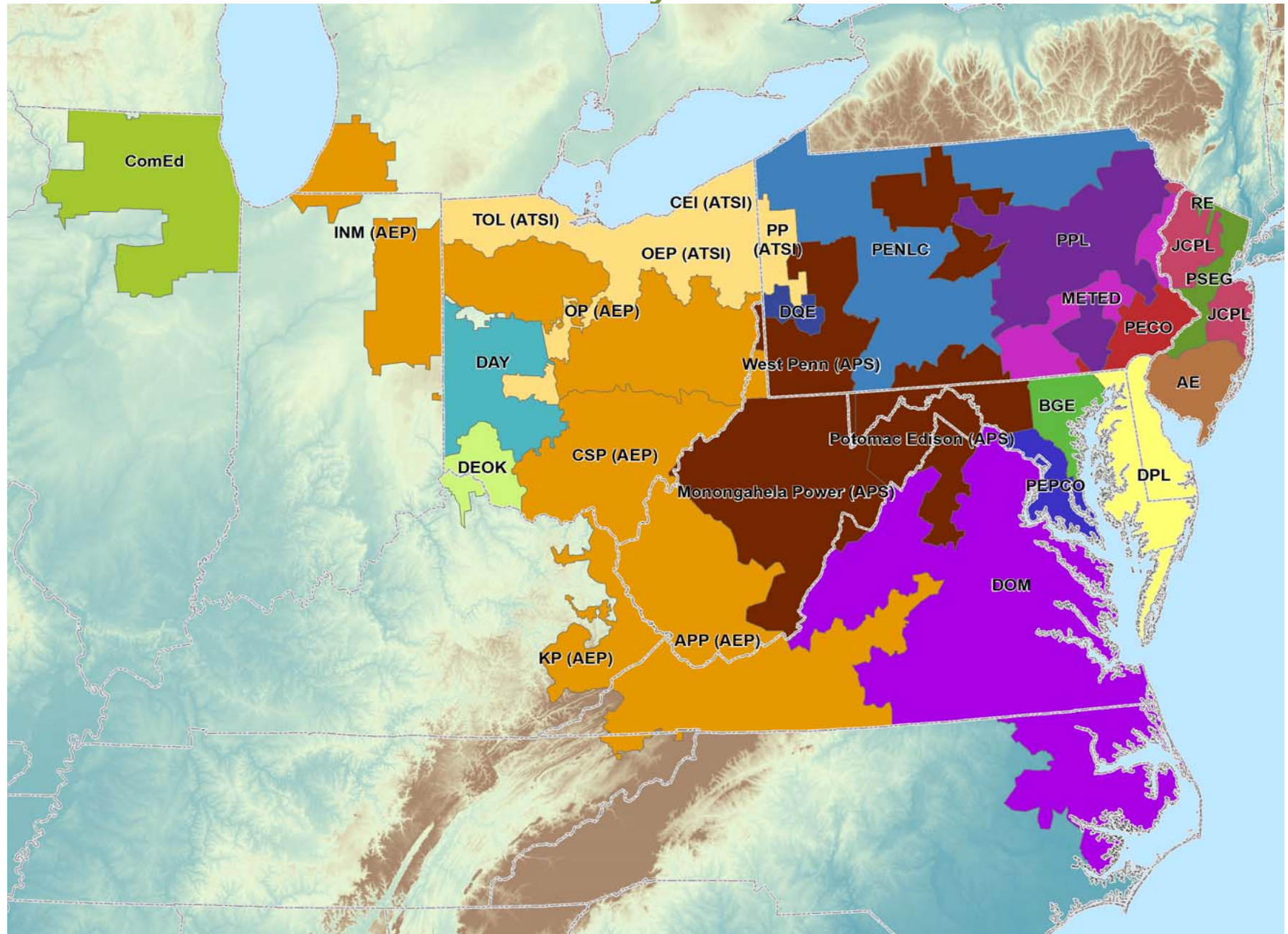


# PJM Load Forecast Report

## January 2012



Prepared by PJM Resource Adequacy Planning Department



## TABLE OF CONTENTS

	TABLE NUMBER	CHART PAGE	TABLE PAGE
EXECUTIVE SUMMARY			1
ECONOMIC FORECAST SUMMARY			3
FORECAST COMPARISON:			
Each Zone and PJM RTO – Comparison to Prior Summer Peak Forecasts	A-1		26
Each Zone and PJM RTO – Comparison to Prior Winter Peak Forecasts	A-2		28
PEAK LOAD FORECAST AND ANNUAL GROWTH RATES:			
Summer Peak Forecasts and Growth Rates of each Zone, Geographic Region and PJM RTO	B-1	3, 5-25	34
Winter Peak Forecasts and Growth Rates of each Zone, Geographic Region and PJM RTO	B-2	4, 5-25	38
Spring Peak Forecasts of each Zone, Geographic Region and PJM RTO	B-3		42
Fall Peak Forecasts of each Zone, Geographic Region and PJM RTO	B-4		44
Monthly Peak Forecasts of each Zone, Geographic Region and PJM RTO	B-5		46
Monthly Peak Forecasts of FE/GPU and PLGrp	B-6		48
Load Management Placed Under PJM Coordination by Zone, used in Planning	B-7		49
Energy Efficiency Programs used in Planning	B-8		51
Adjustments to Summer Peak Forecasts	B-9		52
Summer Coincident Peak Load Forecasts of each Zone, Locational Deliverability Area and PJM RTO (RPM Forecast)	B-10		54
Seasonal Unrestricted PJM Control Area Peak Forecasts of each NERC Region	B-11,B-12		30

	<b>TABLE NUMBER</b>	<b>CHART PAGE</b>	<b>TABLE PAGE</b>
<b>LOCATIONAL DELIVERABILITY AREA</b>			
<b>SEASONAL PEAKS:</b>			
Central Mid-Atlantic: BGE, MetEd, PEPCO, PL and UGI Seasonal Peaks	C-1		55
Western Mid-Atlantic: MetEd, PENLC, PL and UGI Seasonal Peaks	C-2		56
Eastern Mid-Atlantic: AE, DPL, JCPL, PECO, PS and RECO Seasonal Peaks	C-3		57
Southern Mid-Atlantic: BGE and PEPCO Seasonal Peaks	C-4		58
Mid-Atlantic and APS: AE, APS, BGE, DPL, JCPL, MetEd, PECO, PNLC, PEPCO, PS, RECO and UGI Seasonal Peaks	C-5		59
<b>EXTREME WEATHER (90/10) PEAK LOAD FORECASTS:</b>			
Summer 90/10 Peak Forecasts of each Zone, Geographic Region and PJM RTO	D-1		60
Winter 90/10 Peak Forecasts of each Zone, Geographic Region and PJM RTO	D-2		62
<b>NET ENERGY FORECAST AND ANNUAL GROWTH RATES:</b>			
Annual Net Energy Forecasts of each Zone, Geographic Region and PJM RTO	E-1		64
Monthly Net Energy Forecasts of each Zone, Geographic Region and PJM RTO	E-2		68
Monthly Net Energy Forecasts of FE/GPU and PLGrp	E-3		70
<b>PJM HISTORICAL DATA:</b>			
Historical RTO Summer and Winter Peaks	F-1		71
Historical RTO Net Energy	F-2		72
<b>ECONOMIC GROWTH:</b>			
Average Economic Growth of each Zone and RTO	G-1		73

## 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)
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

# 2012 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 Duke Energy Ohio/Kentucky (DEOK), which was integrated into the PJM RTO on January 1, 2012. The report also reflects the integration of the ATSI zone on June 1, 2011.
- A new summary table has been added to the report this year, providing summer peak details for years and areas of general interest. The NERC regional forecast tables have been relocated and are now labeled as Tables B-11 and B-12.
- A summary report of the economic assumptions used to produce the load forecast has been added to the report. The report was provided by Moody's Analytics.
- All load models were estimated with historical data from January 1998 through August 2011. The models were simulated with weather data from years 1974 through 2010, generating 481 scenarios. The economic forecast used was Moody's Analytics' December 2011 release.
- This year's forecast reflects PJM's adoption of an independent consultant's recommendation to replace the load model's previous economic driver (Gross Metropolitan Product) with a variable that incorporates six economic measures (Gross Domestic Product, Gross Metropolitan Product, Real Personal Income, Population, Households, and Non-Manufacturing Employment).
- The combination of the new economic driver and a downward revision to the economic outlook for the PJM area has resulted in lower peak and energy forecasts in this year's report, compared to the same year in last year's report.
- The PJM RTO weather normalized summer peak for 2011 was 151,995 MW. The projection for the 2012 PJM RTO summer peak is 153,782 MW, an increase of 1,787 MW, or 1.2%, from the 2011 normalized peak.
- Summer peak load growth for the PJM RTO is projected to average 1.4% per year over the next 10 years, and 1.3% over the next 15 years. The PJM RTO summer peak is forecasted to be 176,420 MW in 2022, a 10-year increase of 22,638 MW, and

reaches 185,294 MW in 2027, a 15-year increase of 31,512 MW. Annualized 10-year growth rates for individual zones range from 0.9% to 1.9%.

- Winter peak load growth for PJM RTO is projected to average 1.2% per year over the next 10-year period, and 1.1% over the next 15-years. The PJM RTO winter peak load in 2021/22 is forecasted to be 144,836 MW, a 10-year increase of 15,996 MW, and reaches 150,901 MW in 2026/27, a 15-year increase of 22,061 MW. Annualized 10-year growth rates for individual zones range from 0.6% to 1.6%.
- Compared to the 2011 Load Report, the new PJM RTO summer peak forecast shows the following changes for three years of interest:
  - The next delivery year – 2012            -4,821 MW (-3.0%)
  - The next RPM auction year – 2015   -3,338 MW (-2.0%)
  - The next RTEP study year – 2017    -2,000 MW (-1.2%)
- Assumptions for future Load Management (LM) have increased significantly from the 2011 Load Report (from approximately 9,000 MW to 14,000 MW). Energy Efficiency (EE) impacts have increased from approximately 550 MW to 800MW. 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 of approximately 61%.

**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**

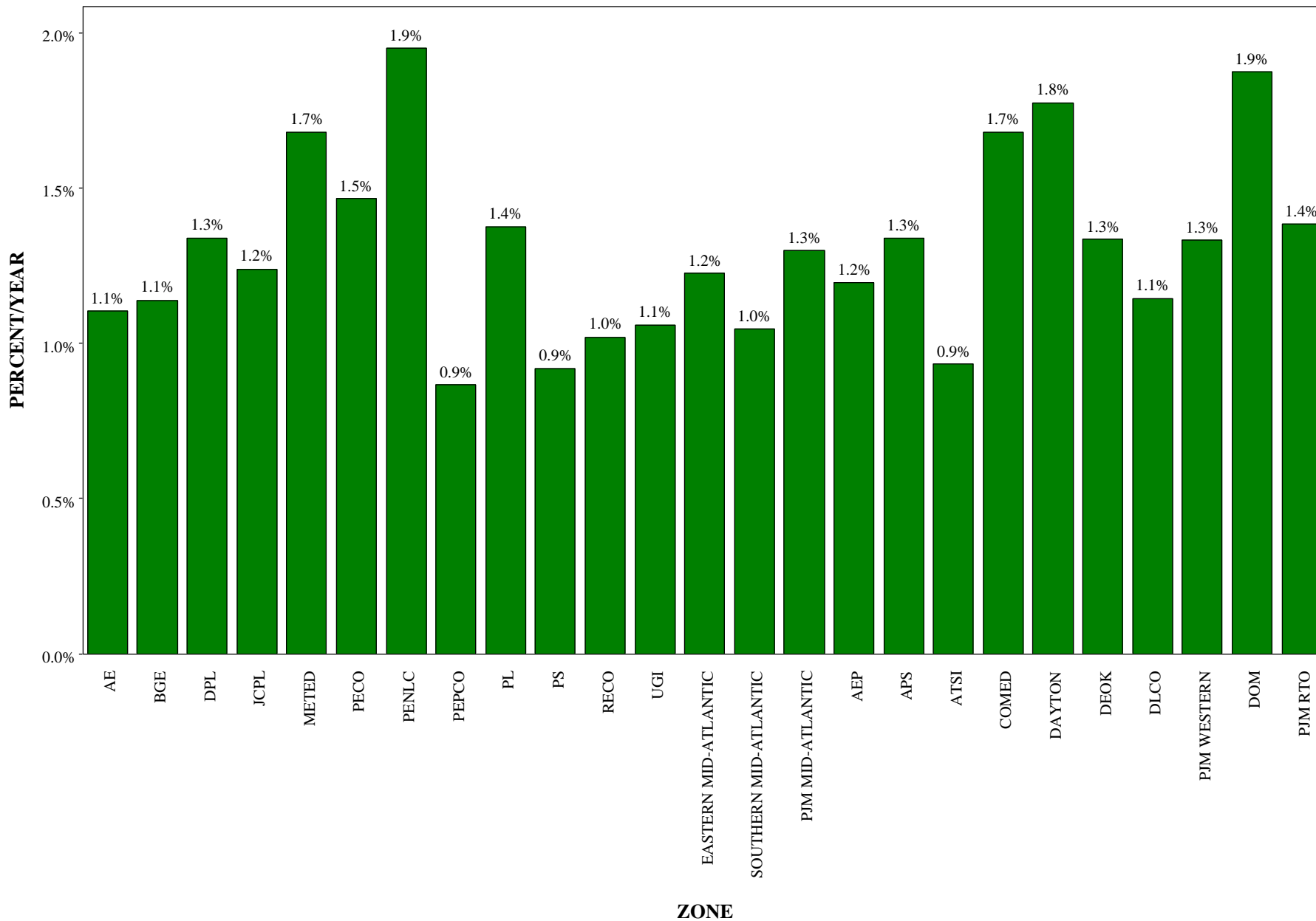
**SUMMER PEAK LOAD (MW) AND GROWTH RATES FOR  
PJM RTO AND SELECTED GEOGRAPHIC REGIONS**

	<b>METERED 2011</b>	<b>UNRESTRICTED 2011</b>	<b>NORMAL 2011</b>		<b>THIS YEAR 2012</b>	<b>RPM YEAR 2015</b>	<b>RTEP YEAR 2017</b>
<b>PJM RTO</b>	163,684	163,762	151,995		153,782	163,168	167,433
				Growth Rate	1.2%		
Demand Resources + Energy Efficiency PJM RTO - Restricted					-9,137	-14,969	-14,969
					144,645	148,199	152,464
<b>PJM MID-ATLANTIC</b>	61,662	63,115	59,320		59,457	63,083	64,471
				Growth Rate	0.2%		
Demand Resources + Energy Efficiency MID-ATL - Restricted					-4,969	-7,204	-7,204
					54,488	55,879	57,267
<b>EASTERN MID-ATLANTIC</b>	34,001	34,513	32,320		32,605	34,396	35,175
				Growth Rate	0.9%		
Demand Resources + Energy Efficiency EMAAC - Restricted					-1,808	-2,801	-2,801
					30,797	31,595	32,374
<b>SOUTHERN MID-ATLANTIC</b>	14,066	14,599	14,030		13,990	14,685	14,912
				Growth Rate	-0.3%		
Demand Resources + Energy Efficiency SWMAAC - Restricted					-1,878	-2,318	-2,318
					12,112	12,367	12,594

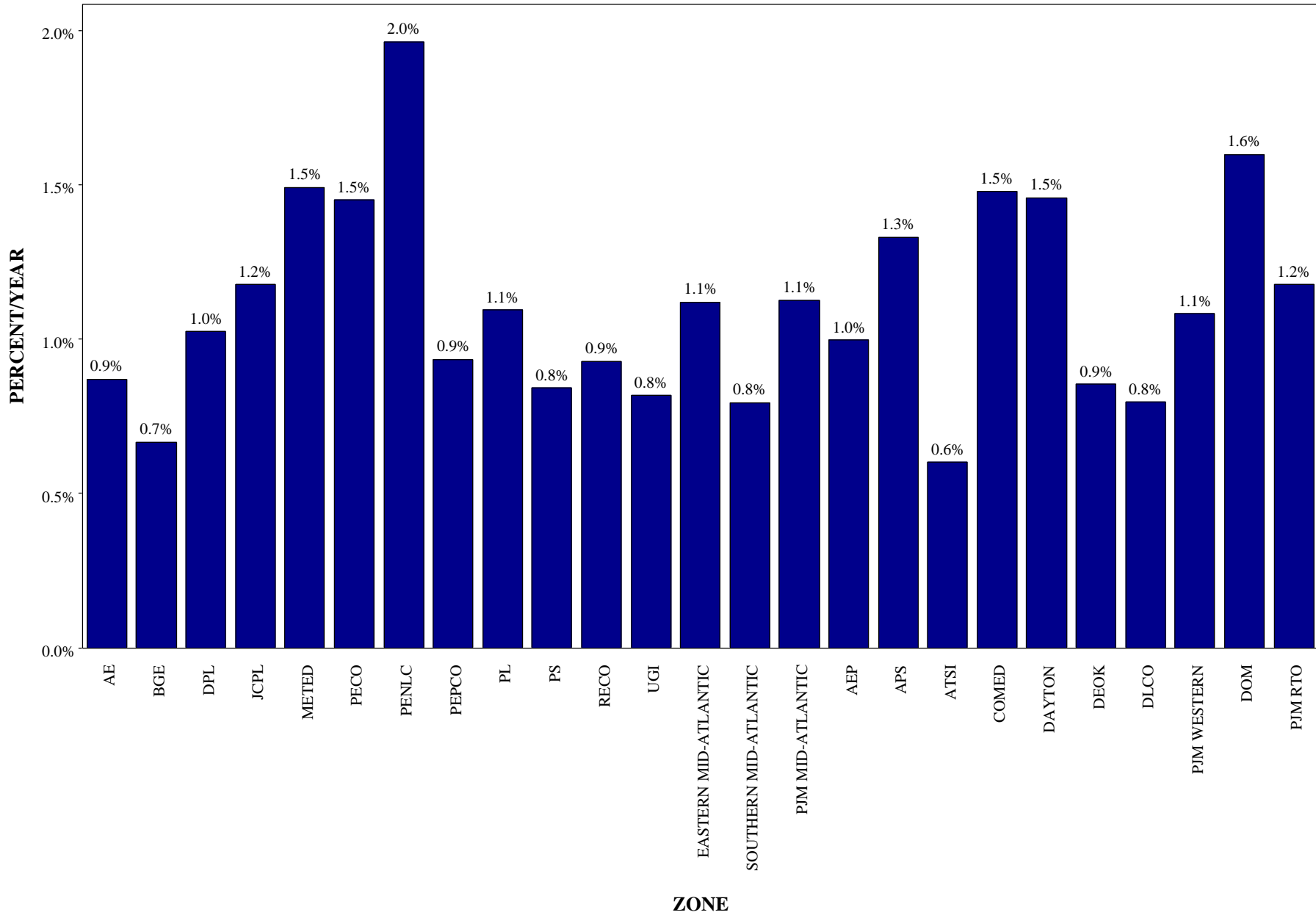
Note:

Normal 2011 and all forecast values are non-coincident as estimated by PJM staff.  
All values reflect the membership of the PJM RTO as of January 1, 2012.

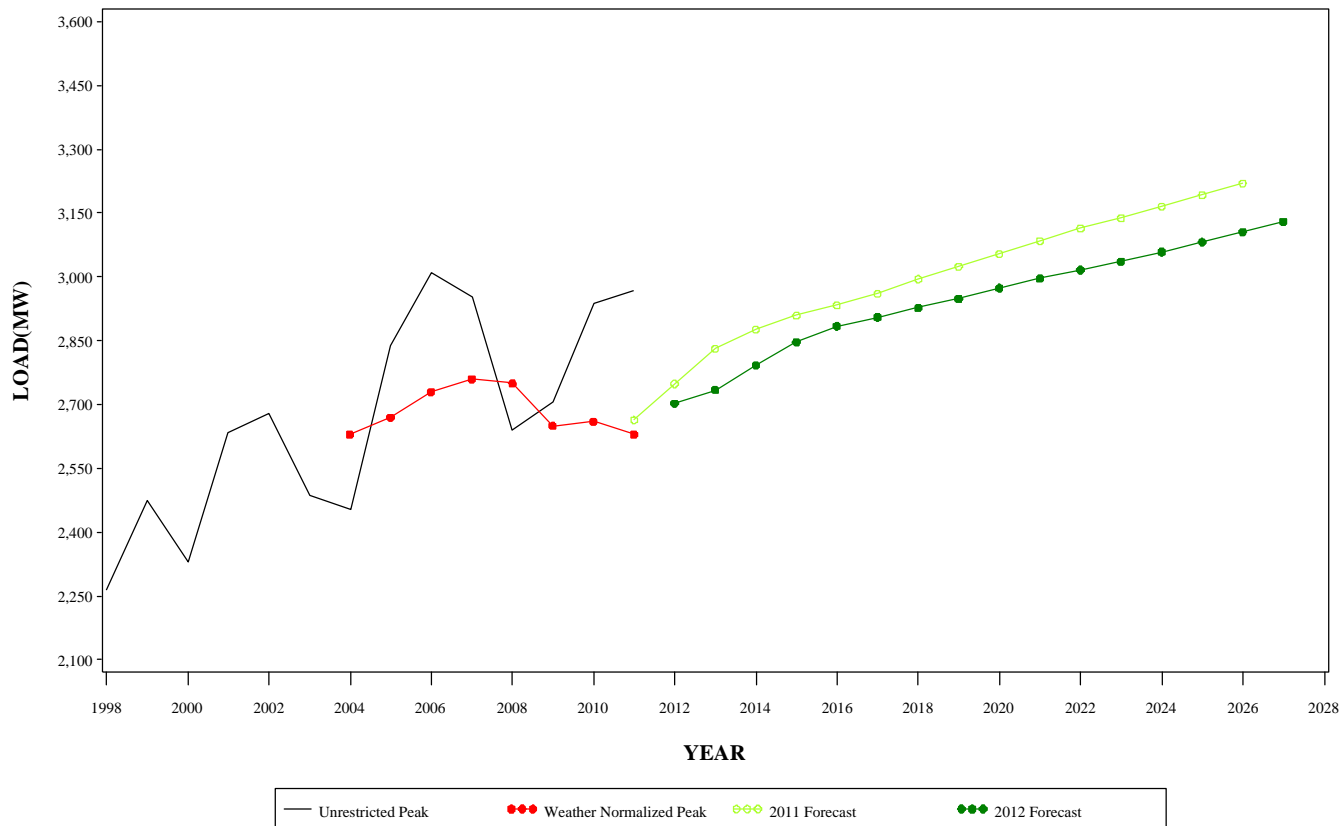
**PJM SUMMER PEAK LOAD GROWTH RATE  
2012 - 2022**



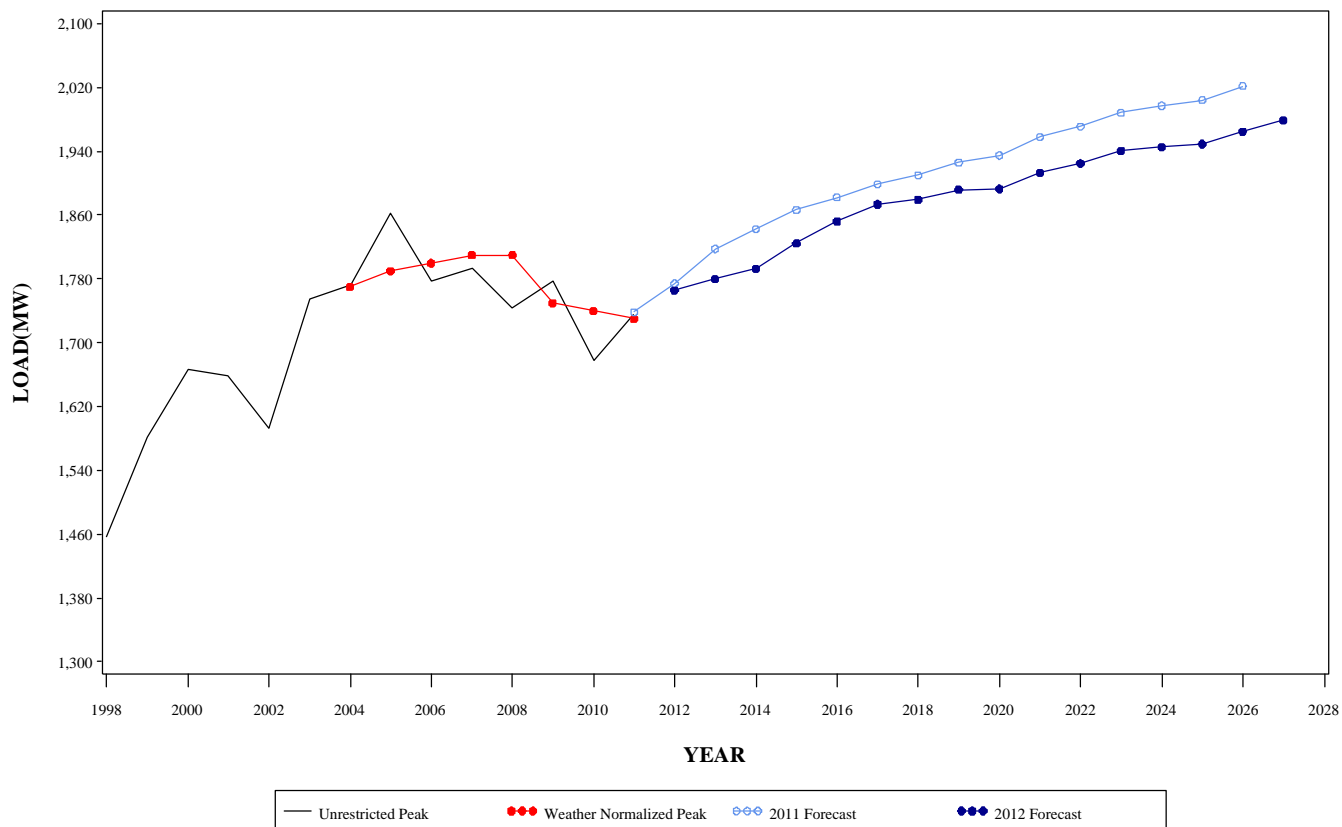
**PJM WINTER PEAK LOAD GROWTH RATE  
2012 - 2022**



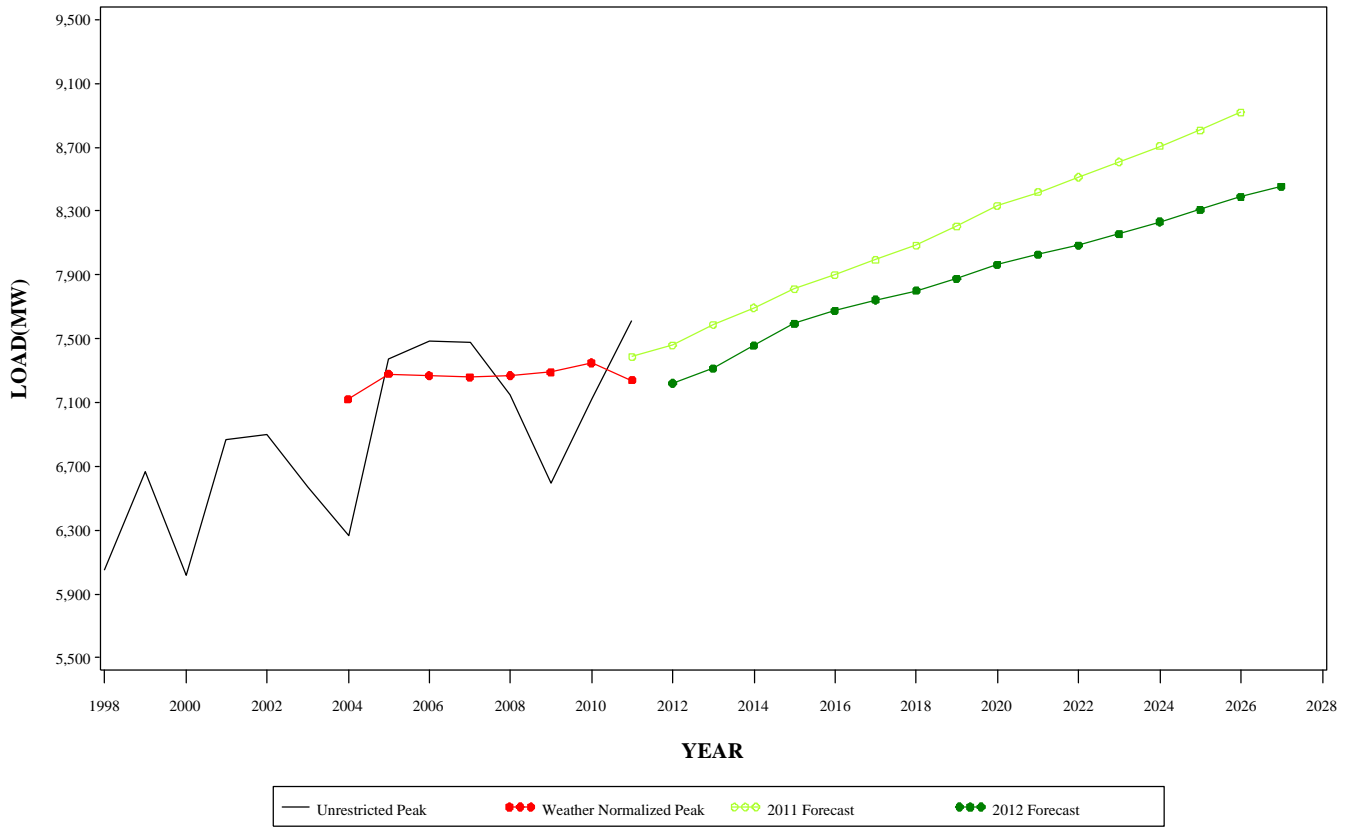
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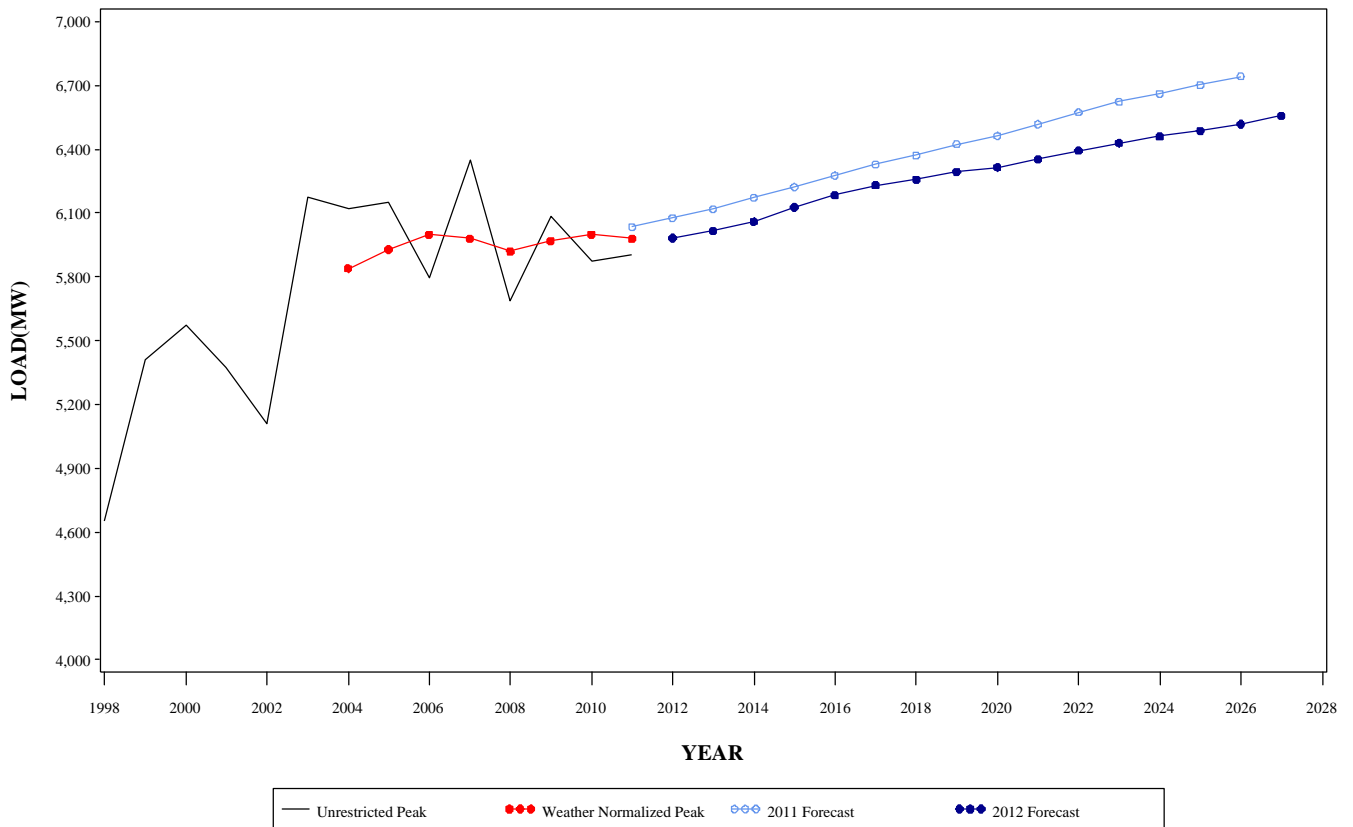
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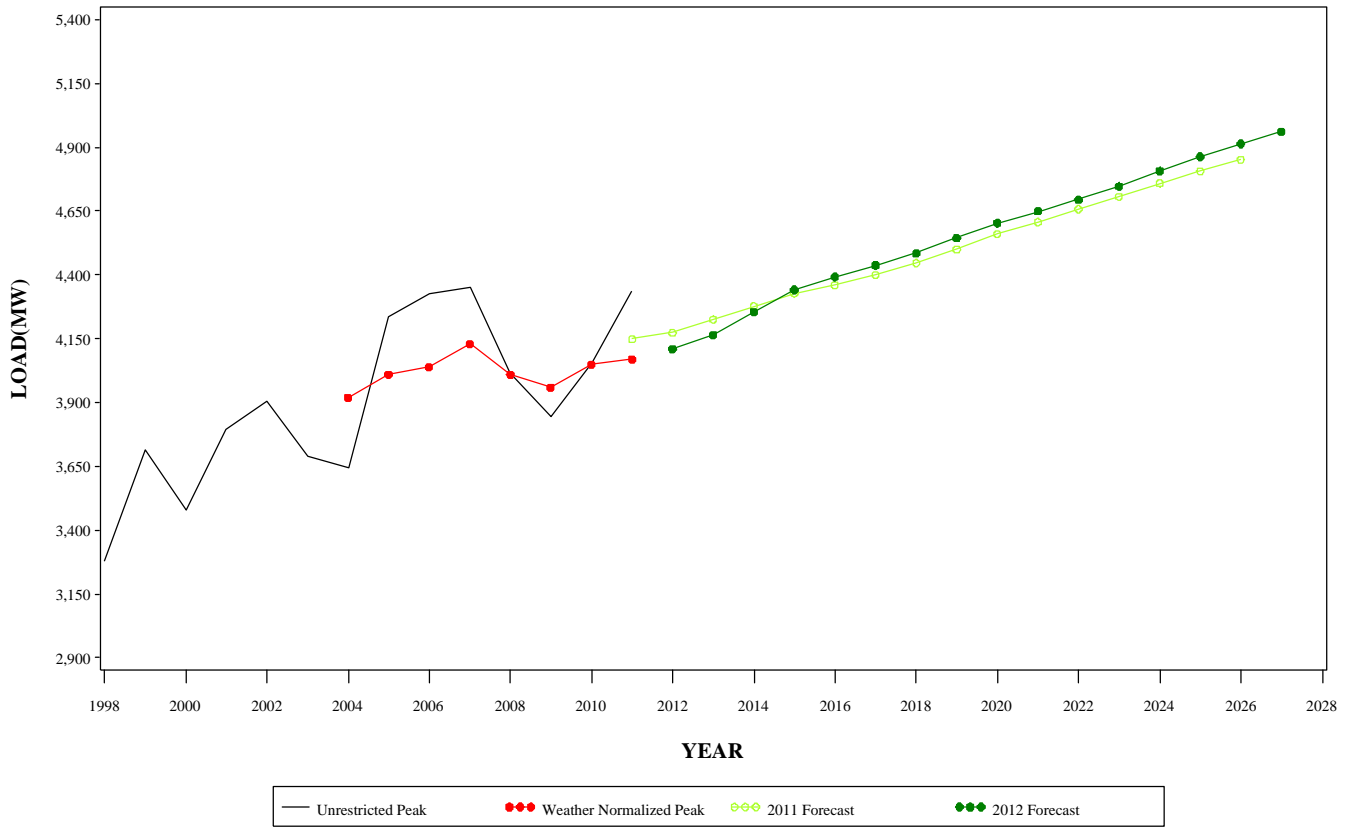
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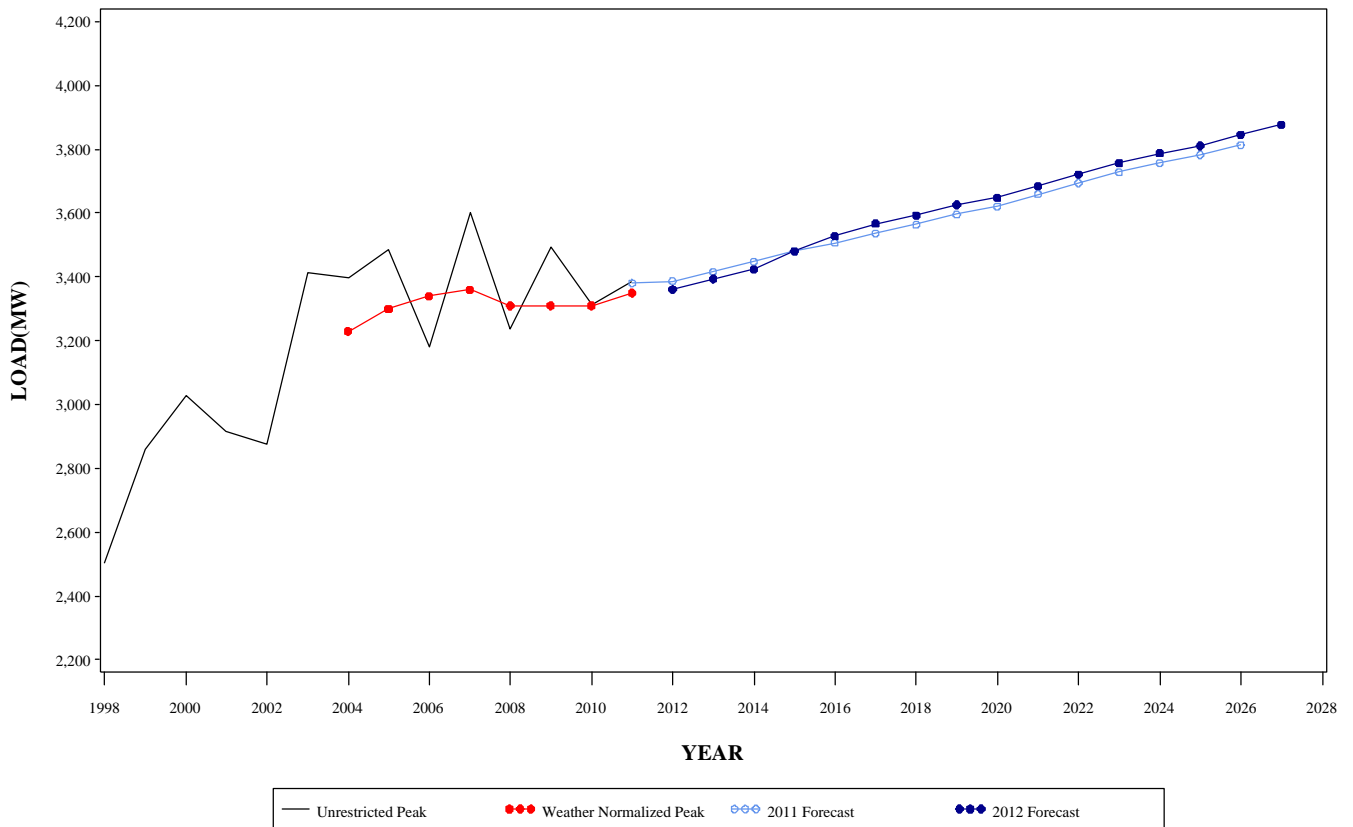
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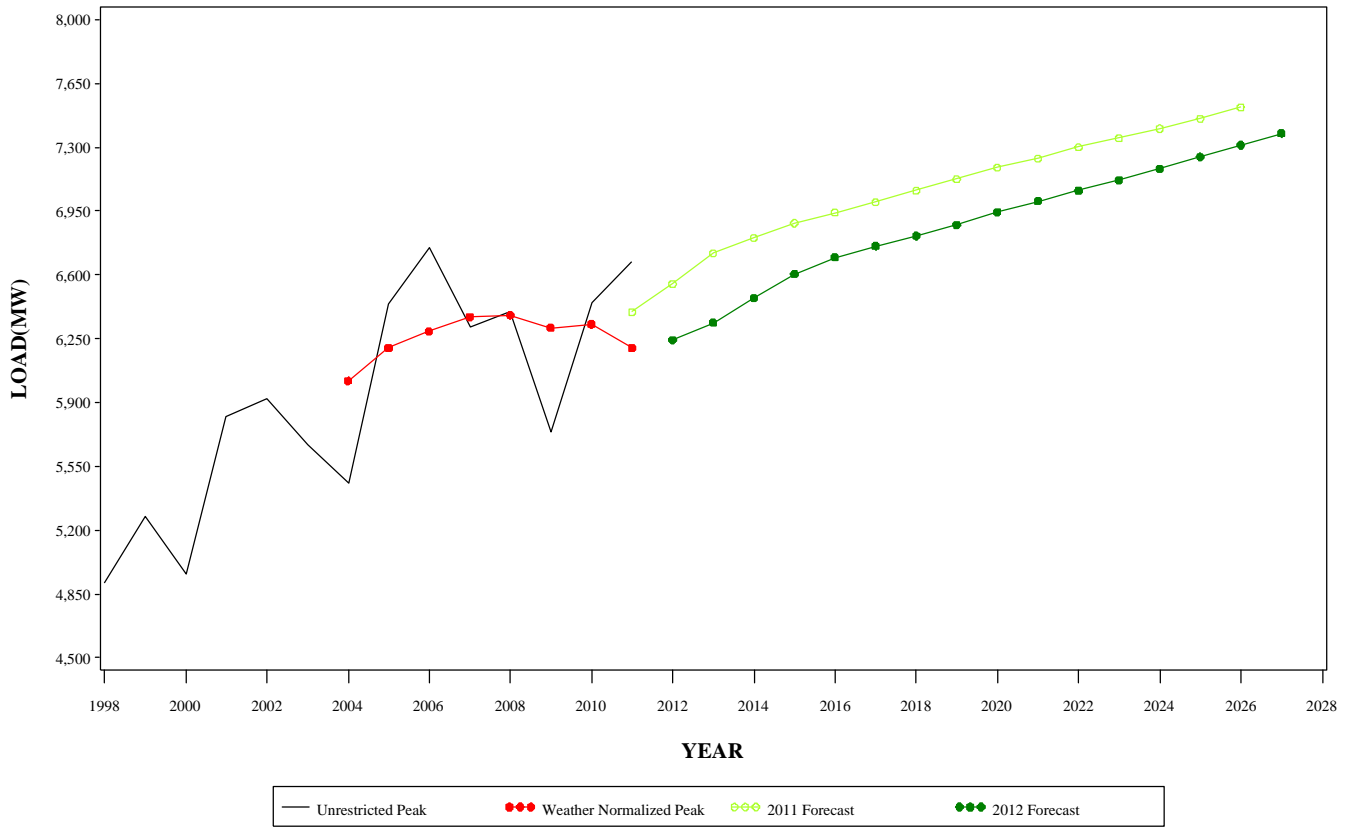
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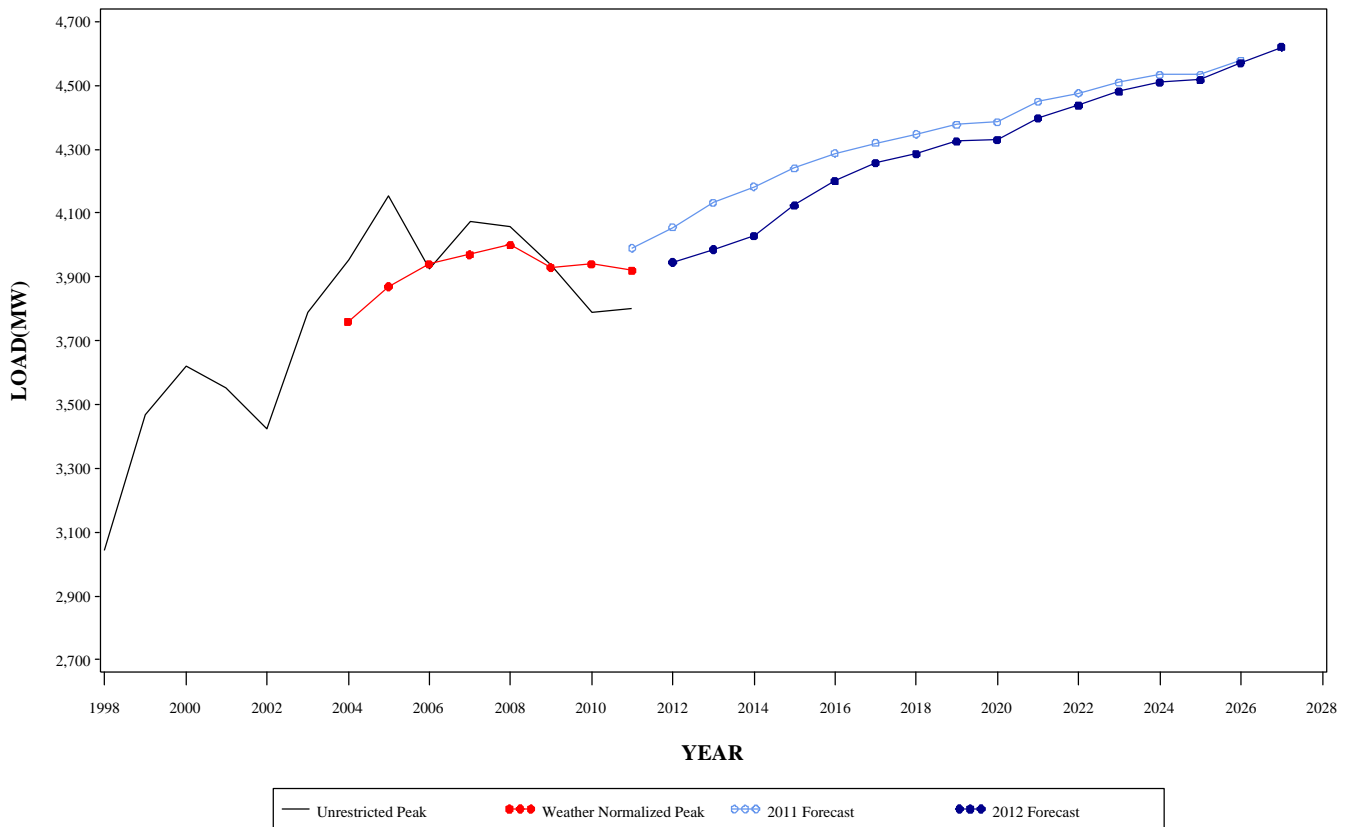
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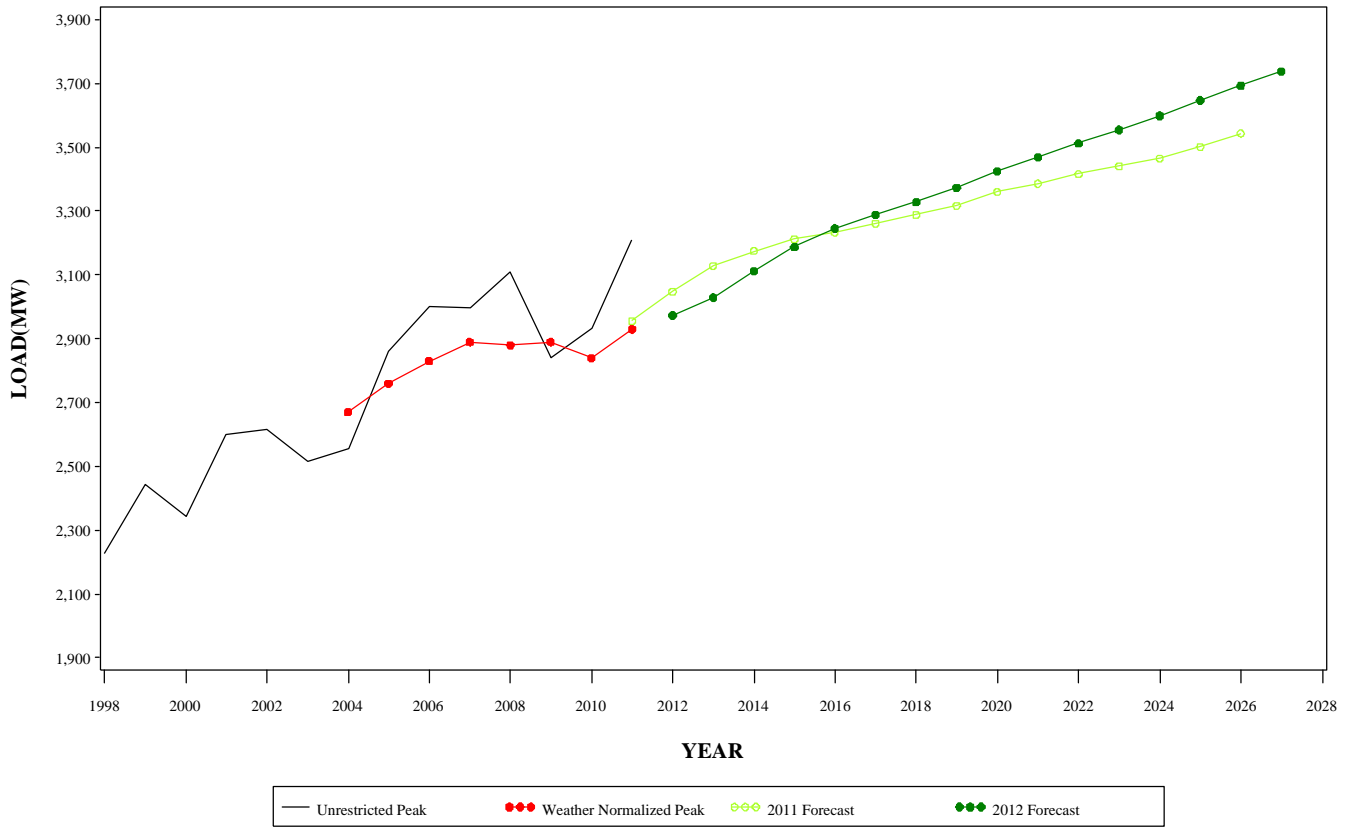
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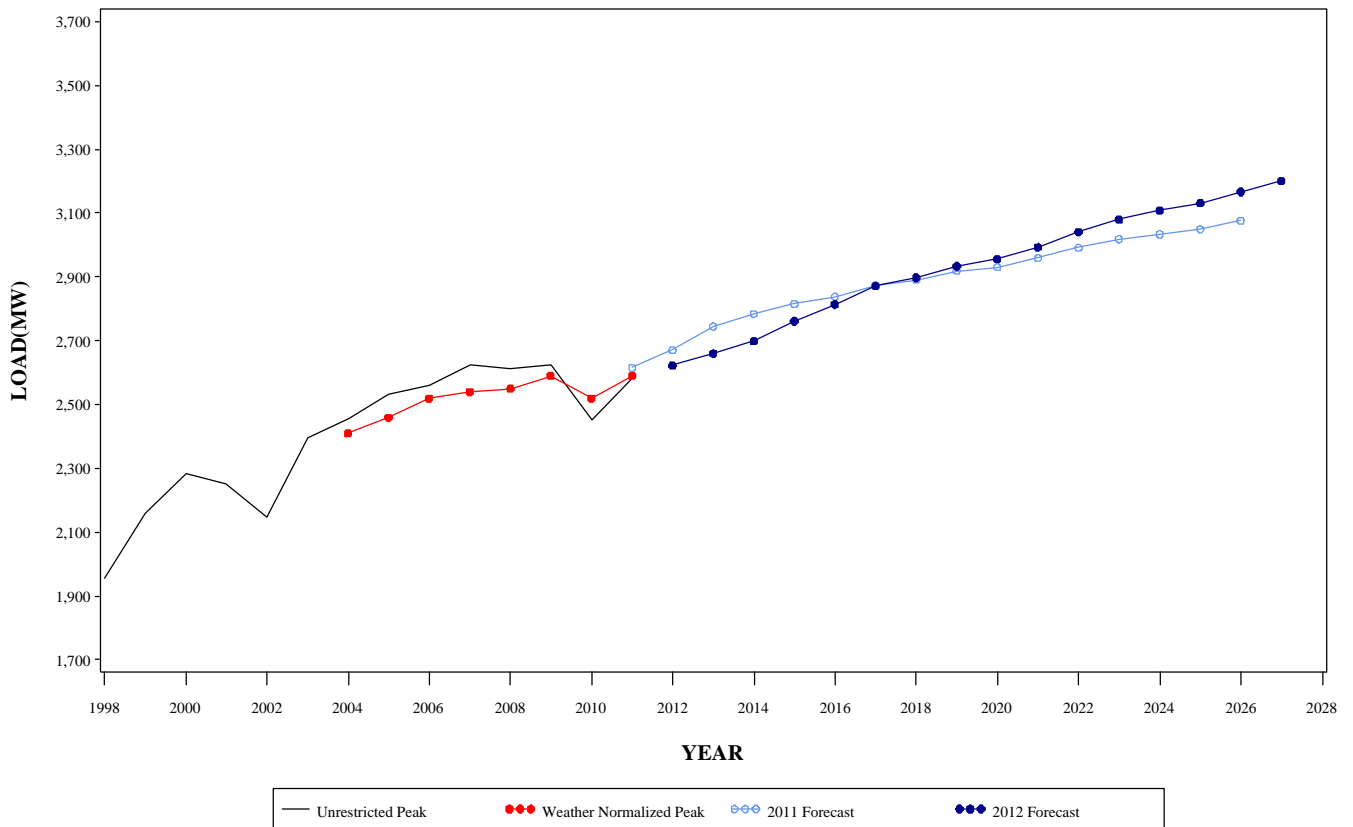
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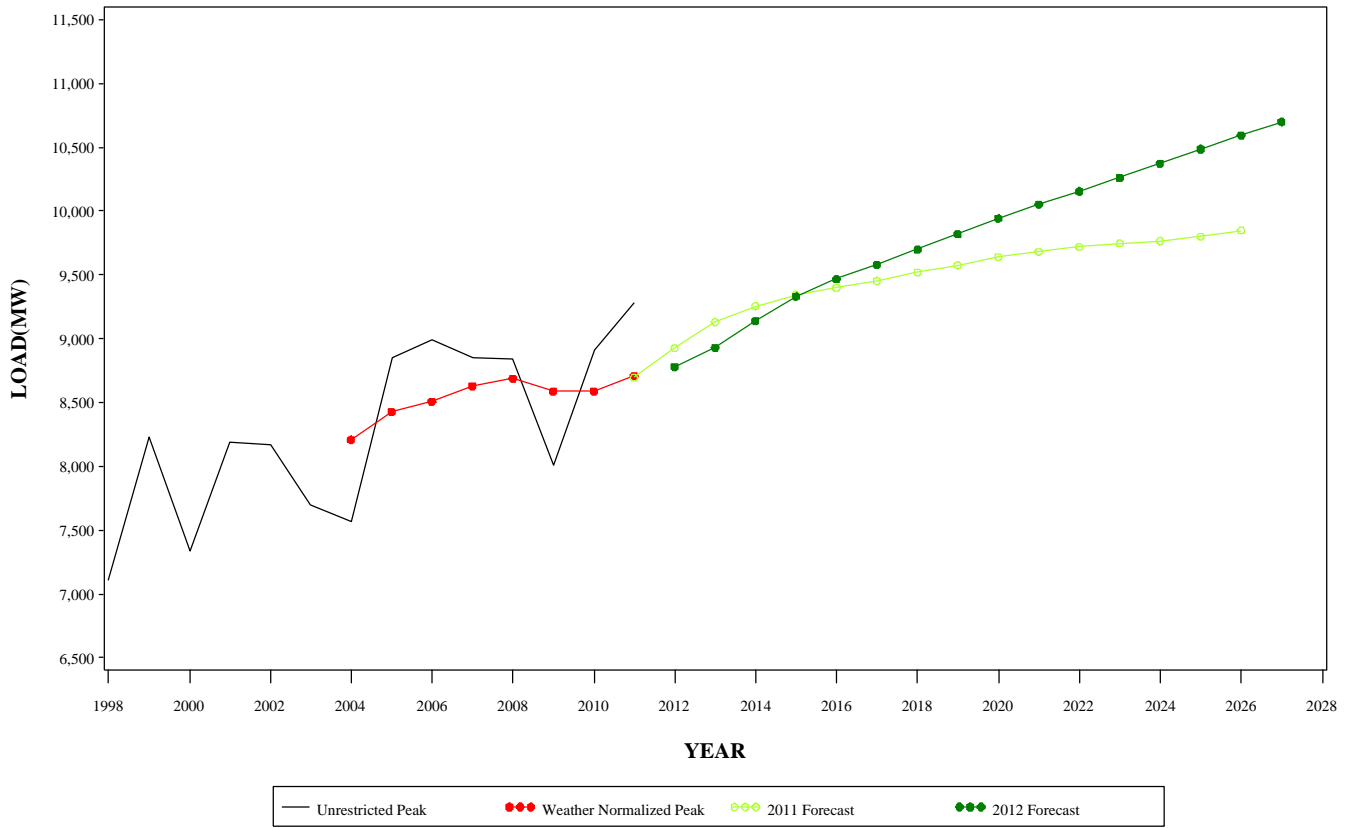
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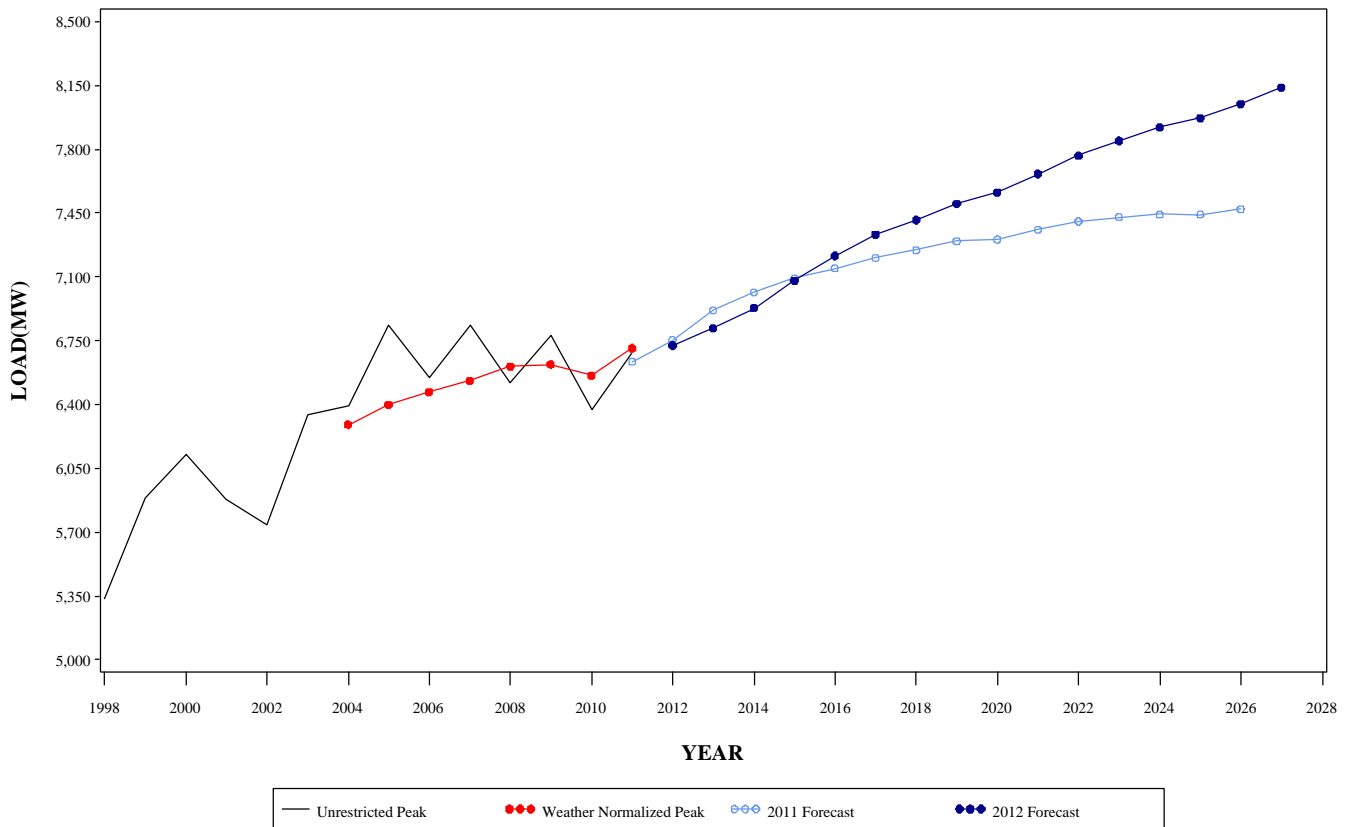
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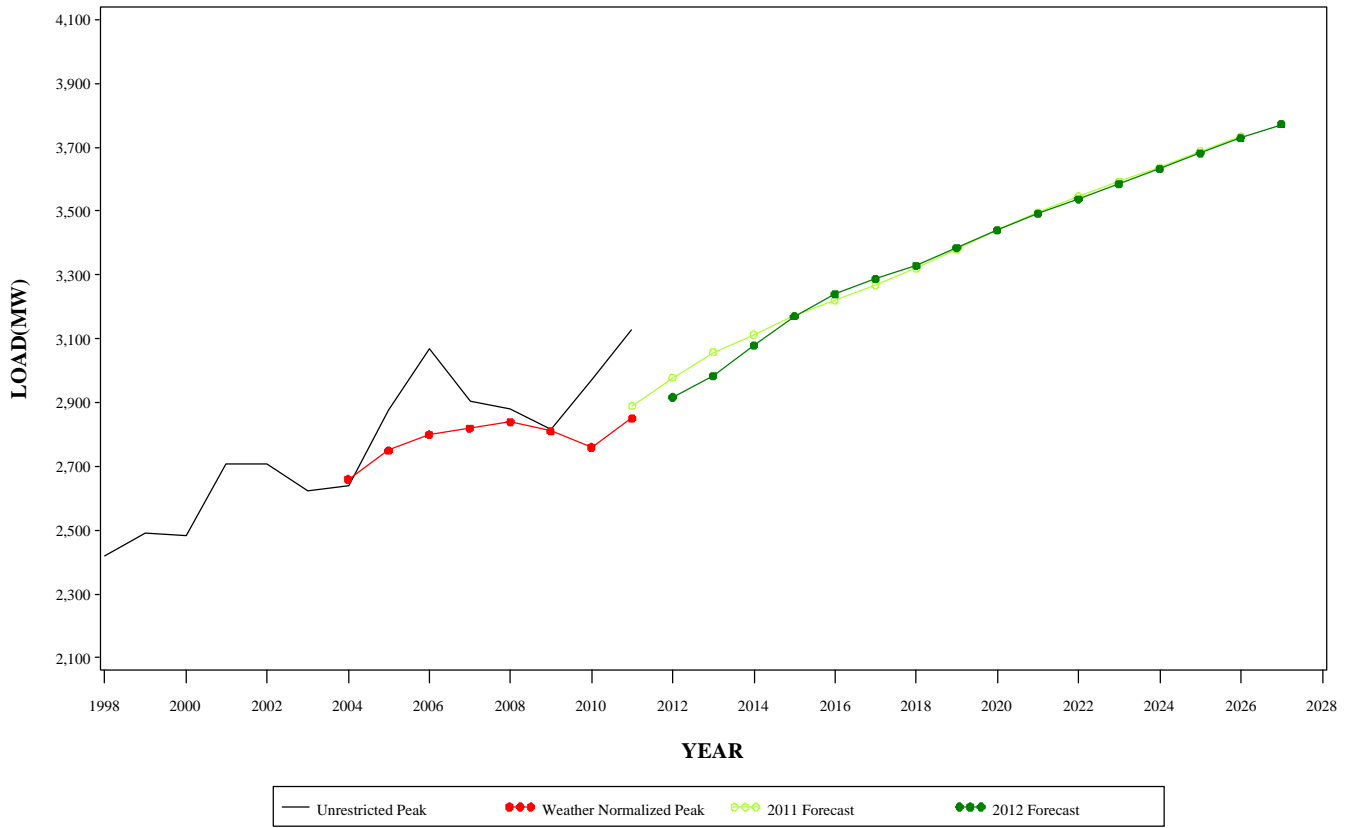
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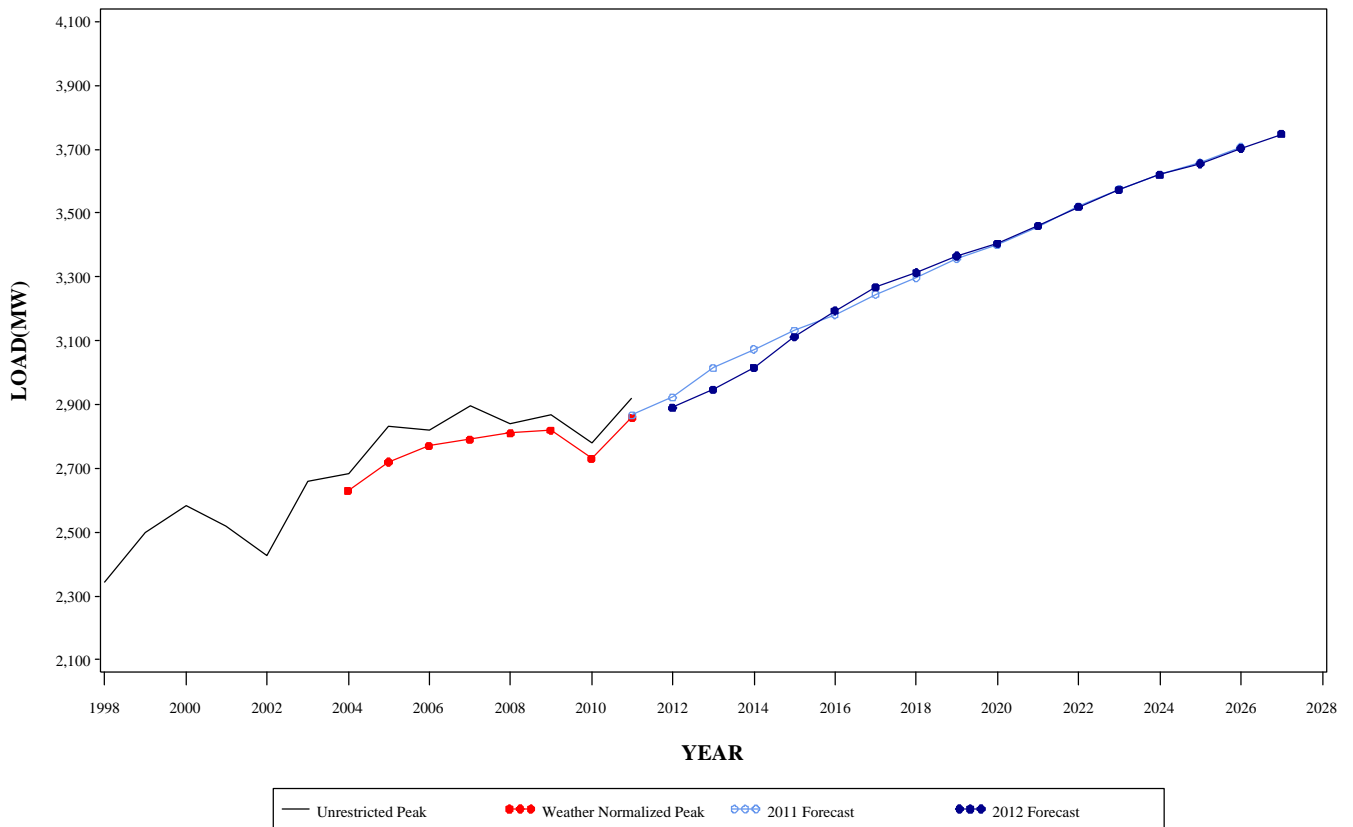
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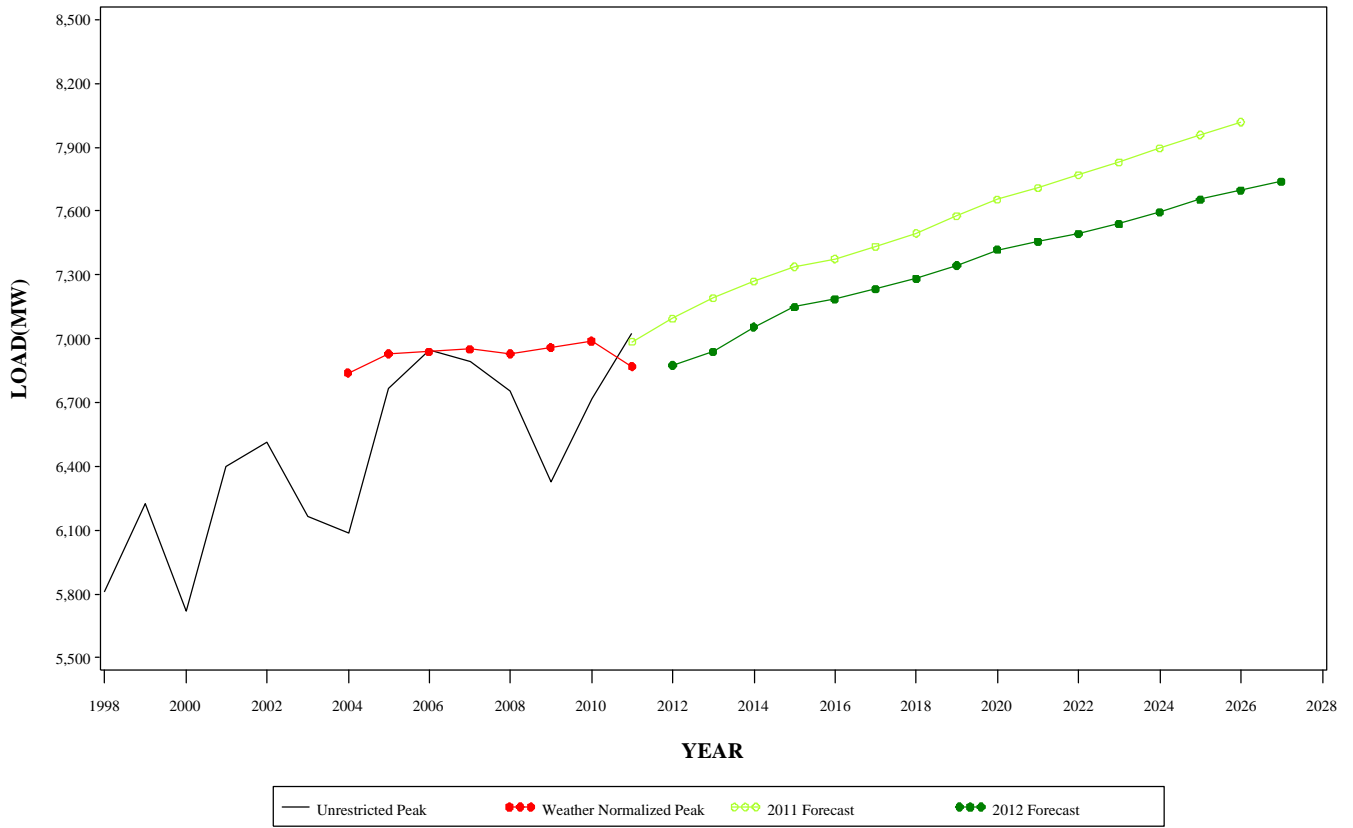
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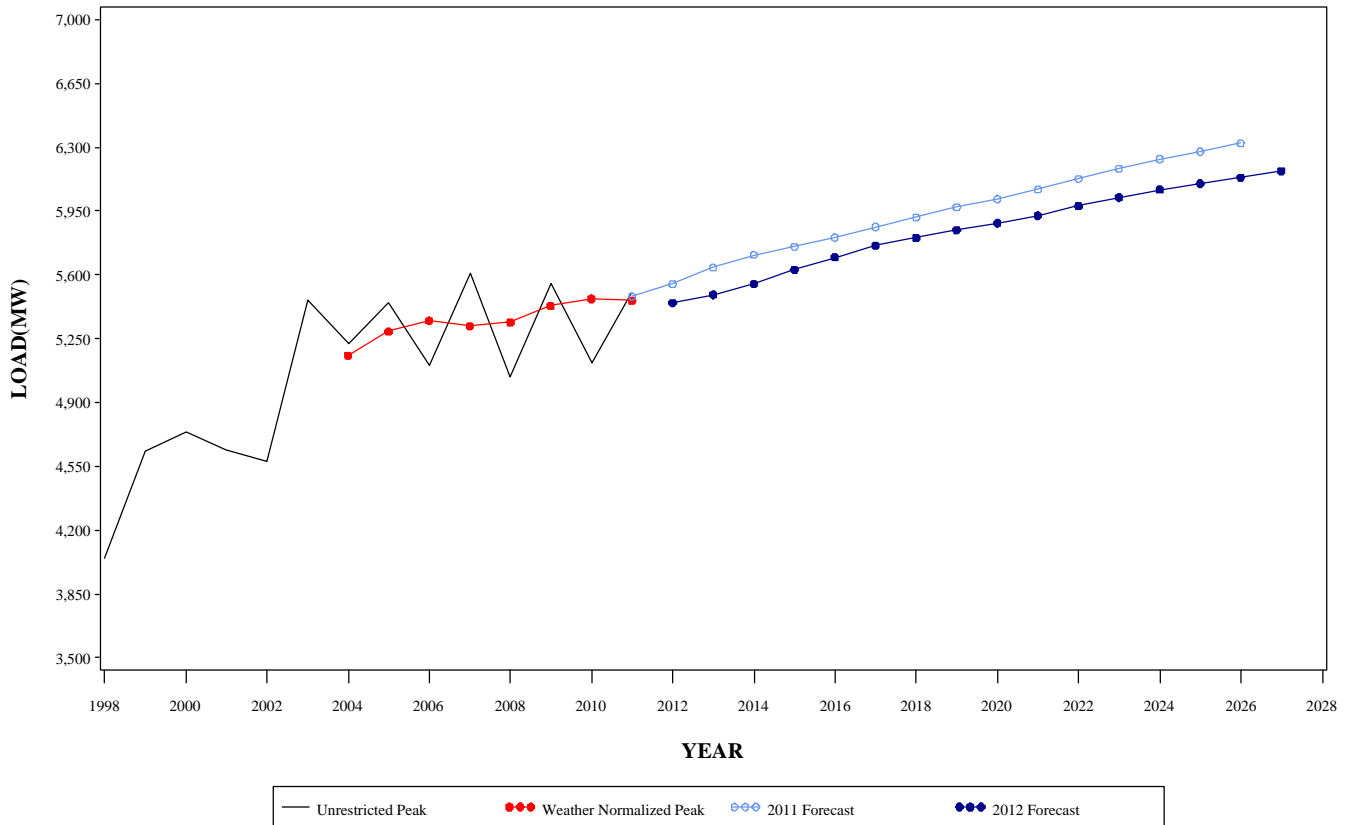
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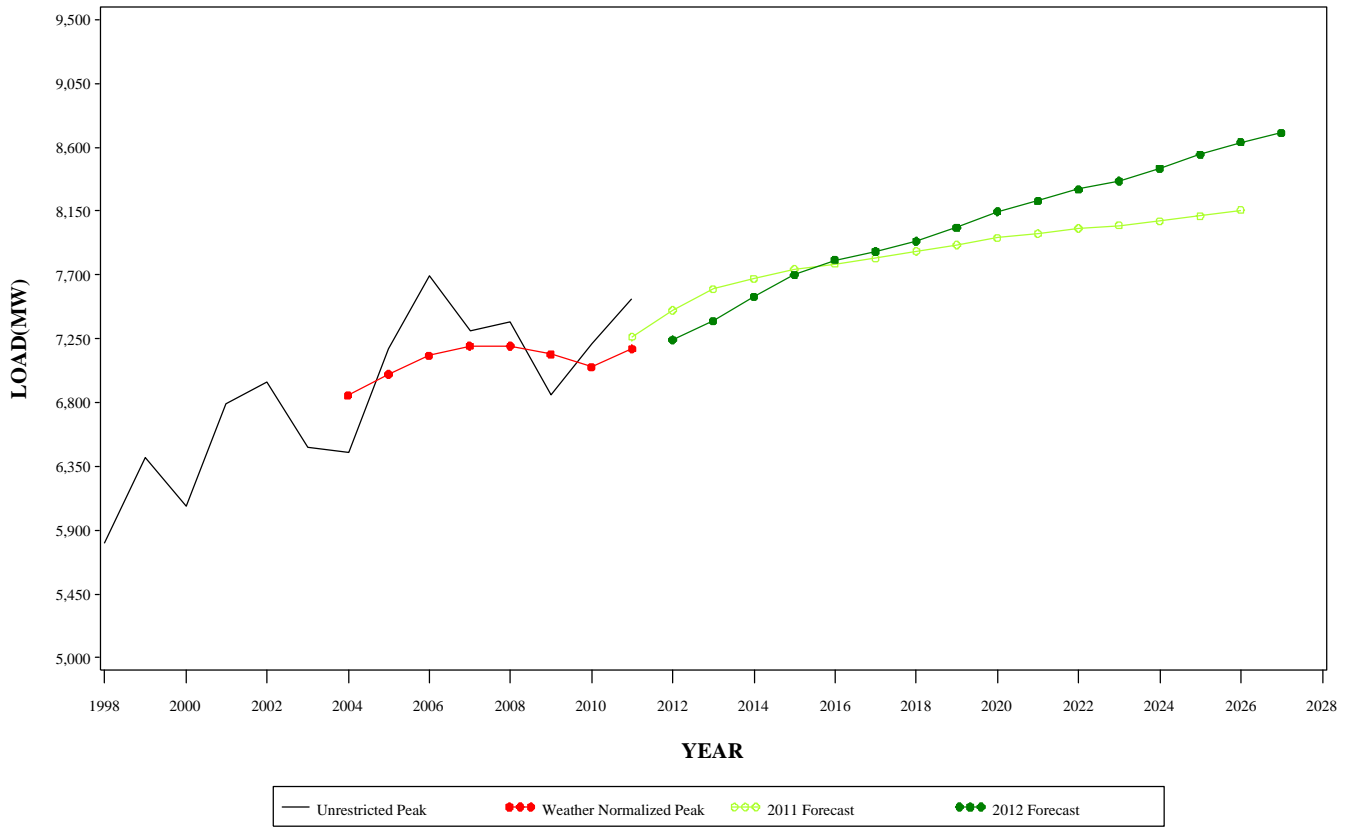
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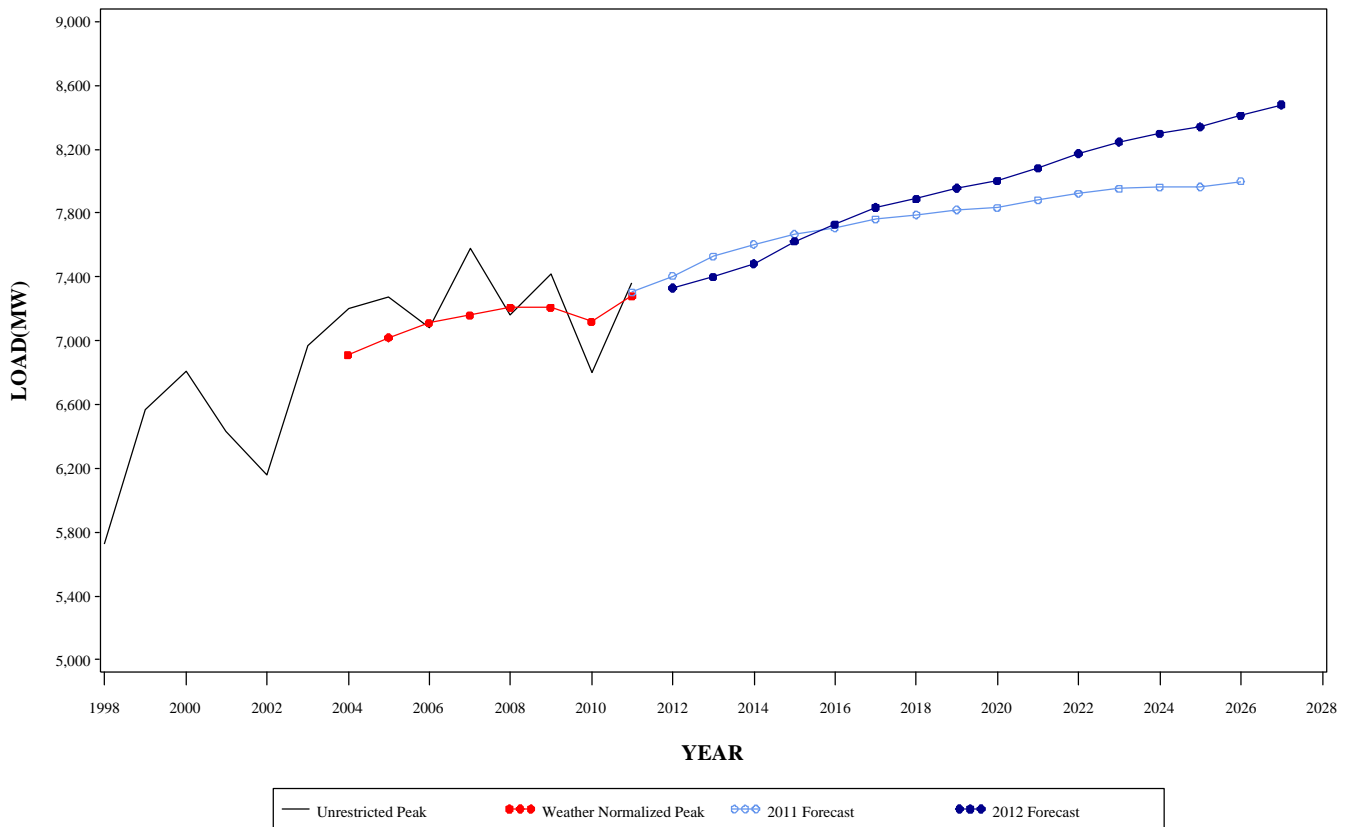
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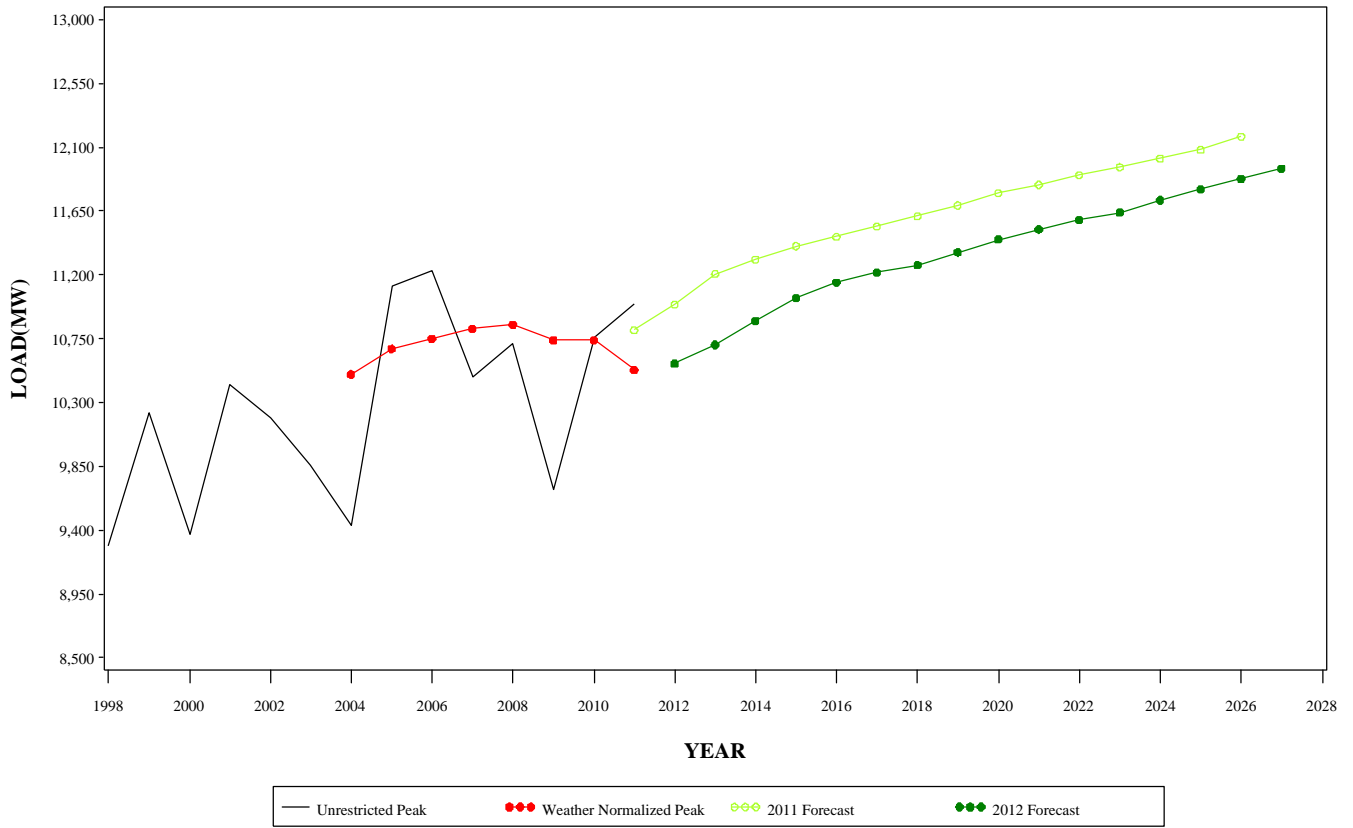
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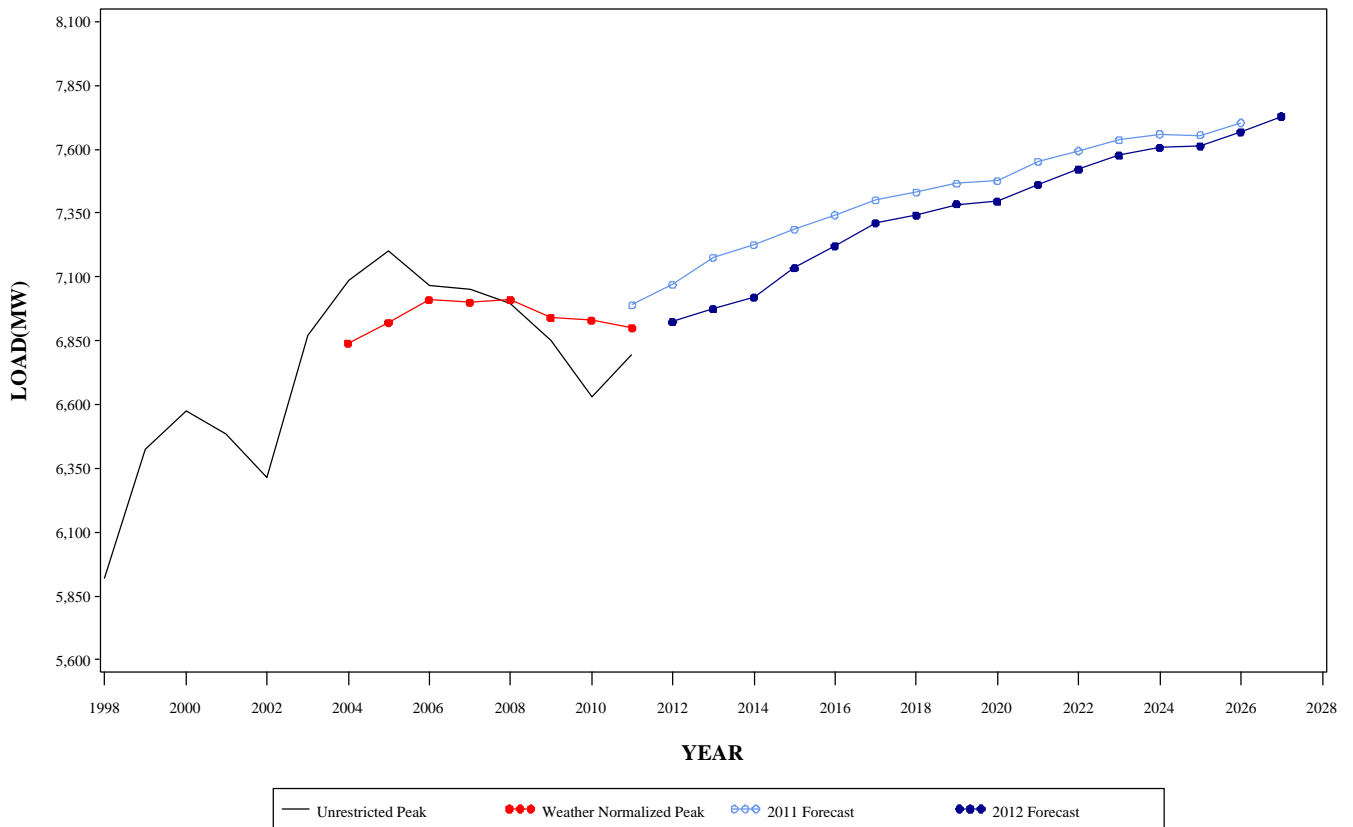
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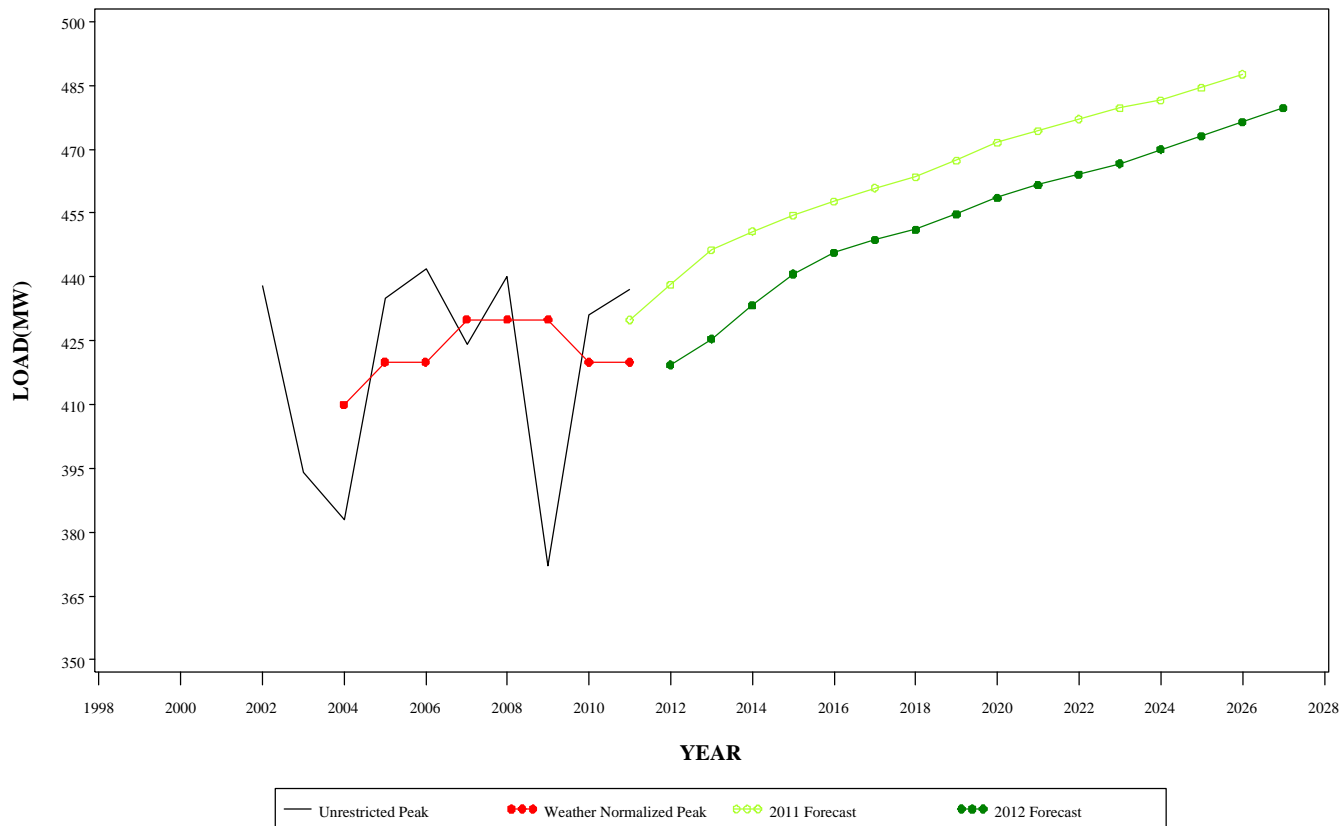
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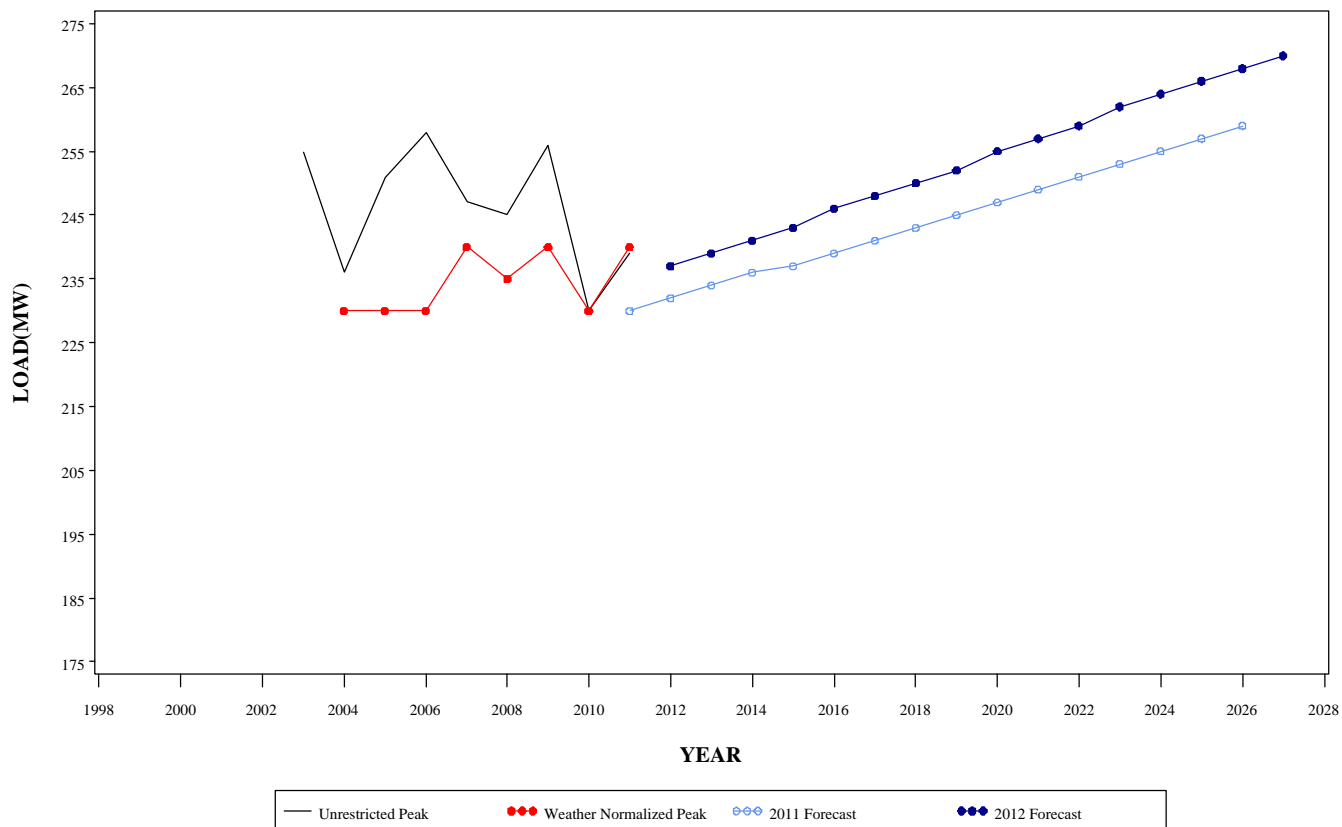
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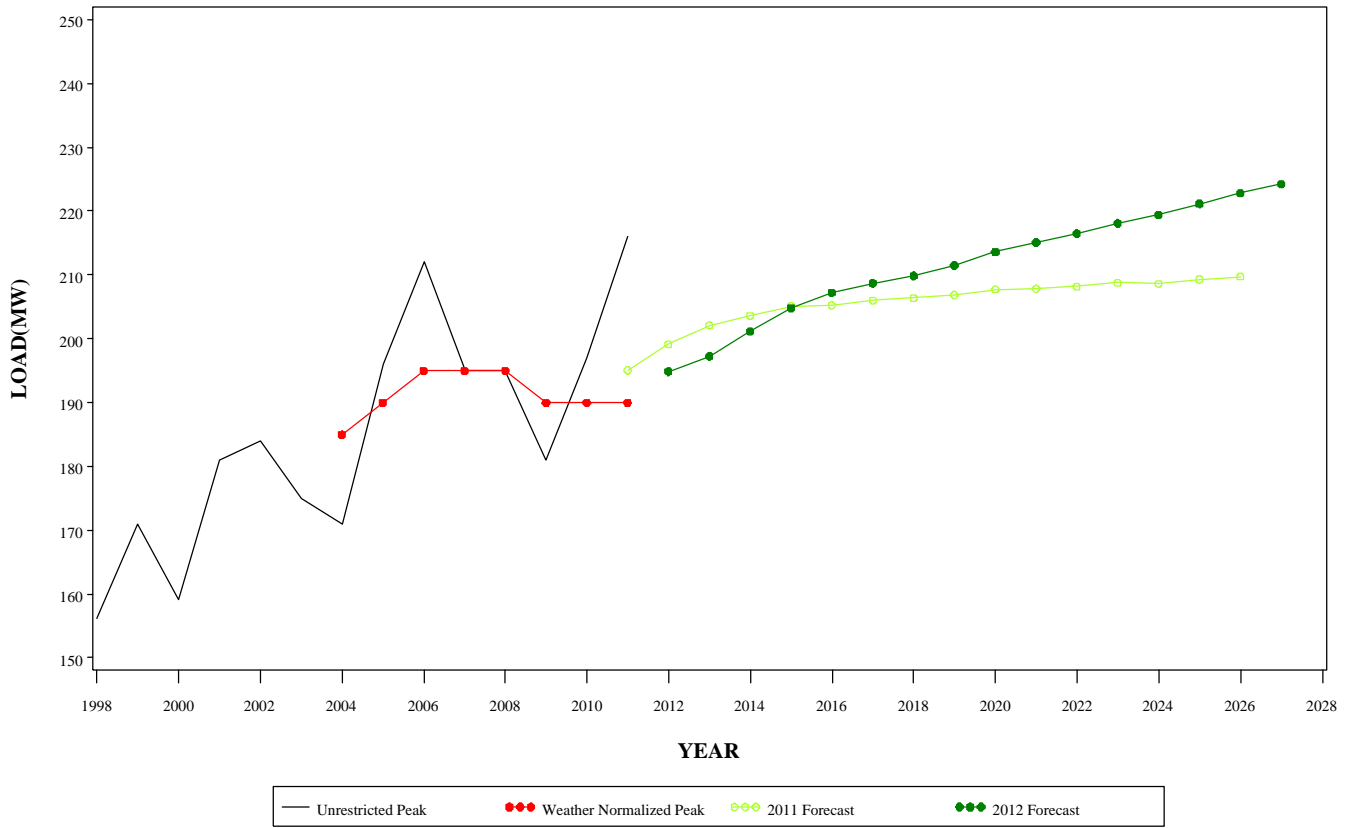
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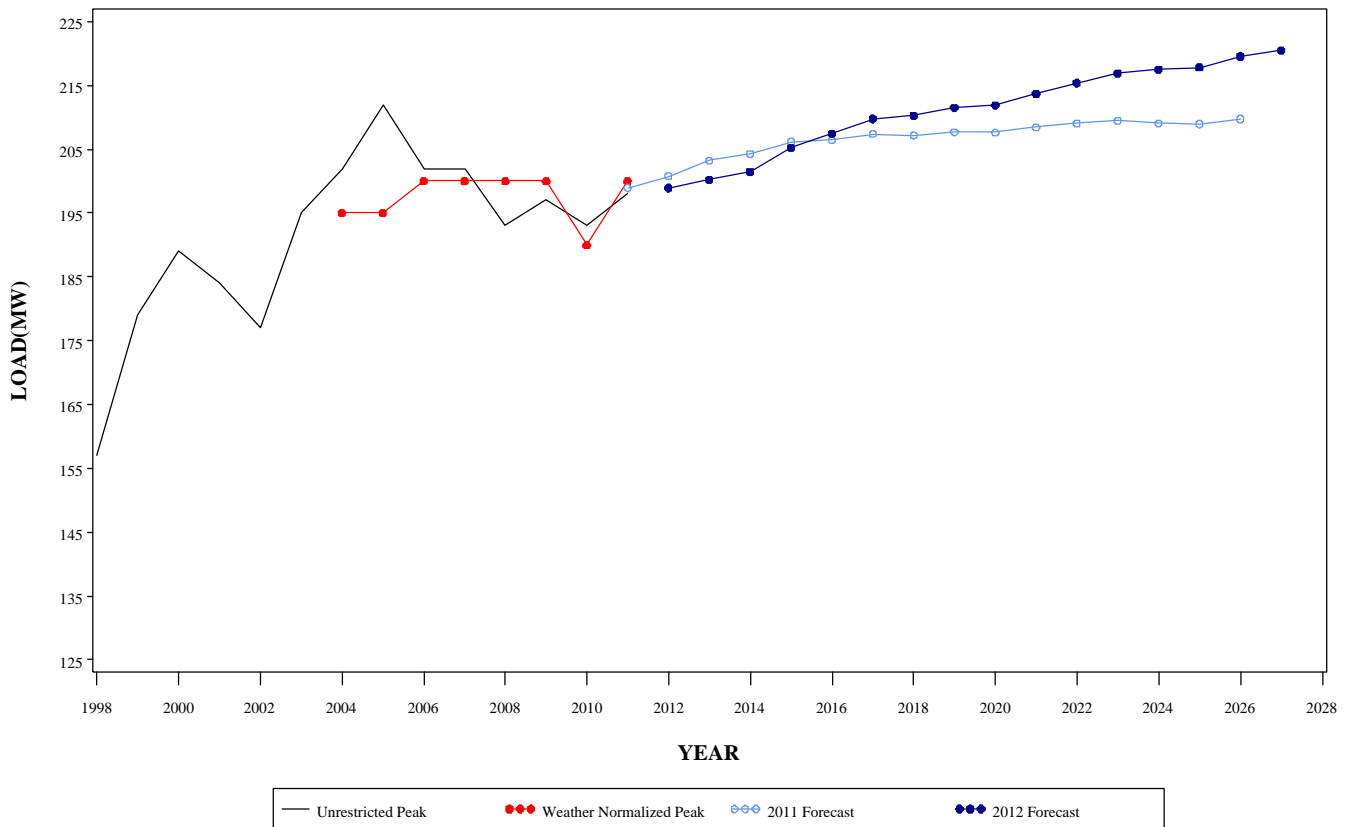
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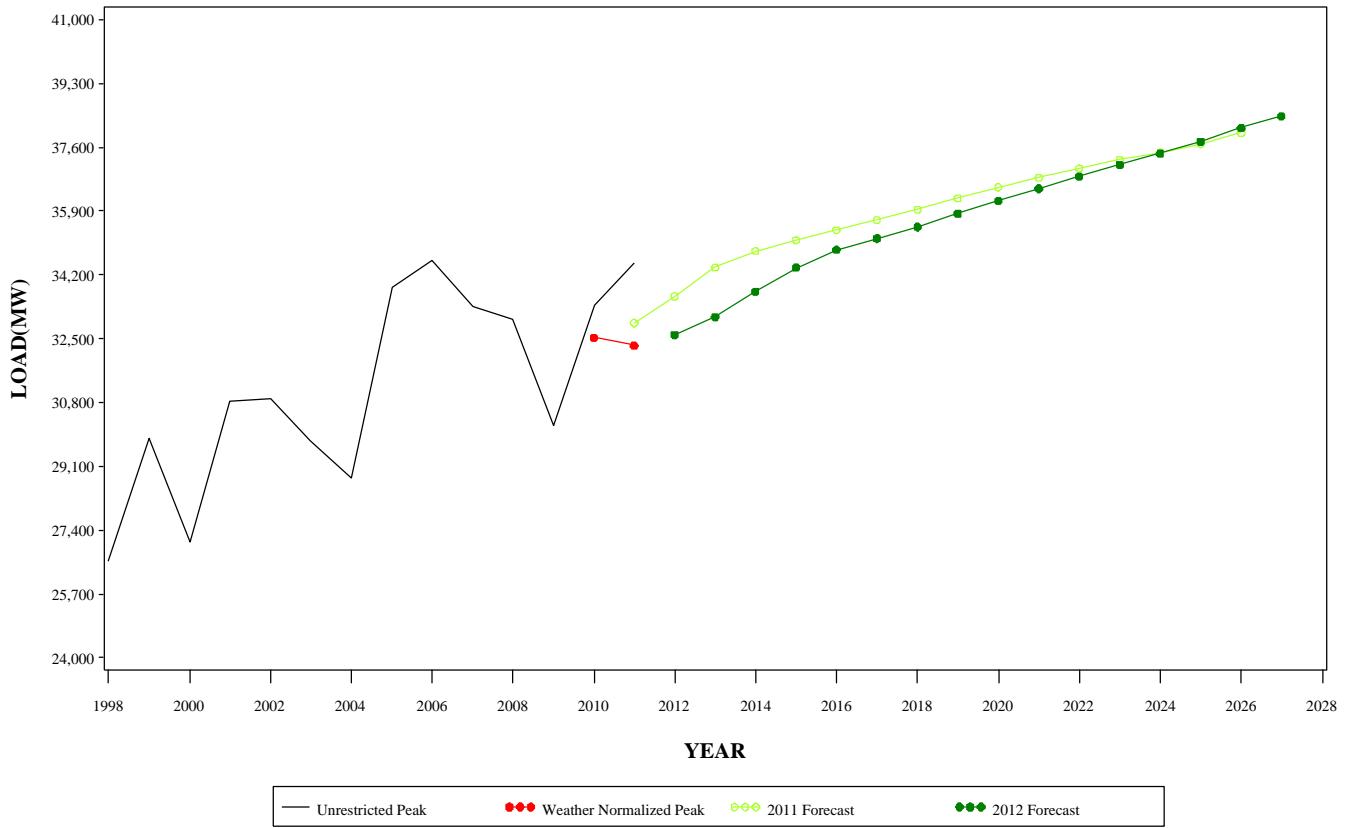
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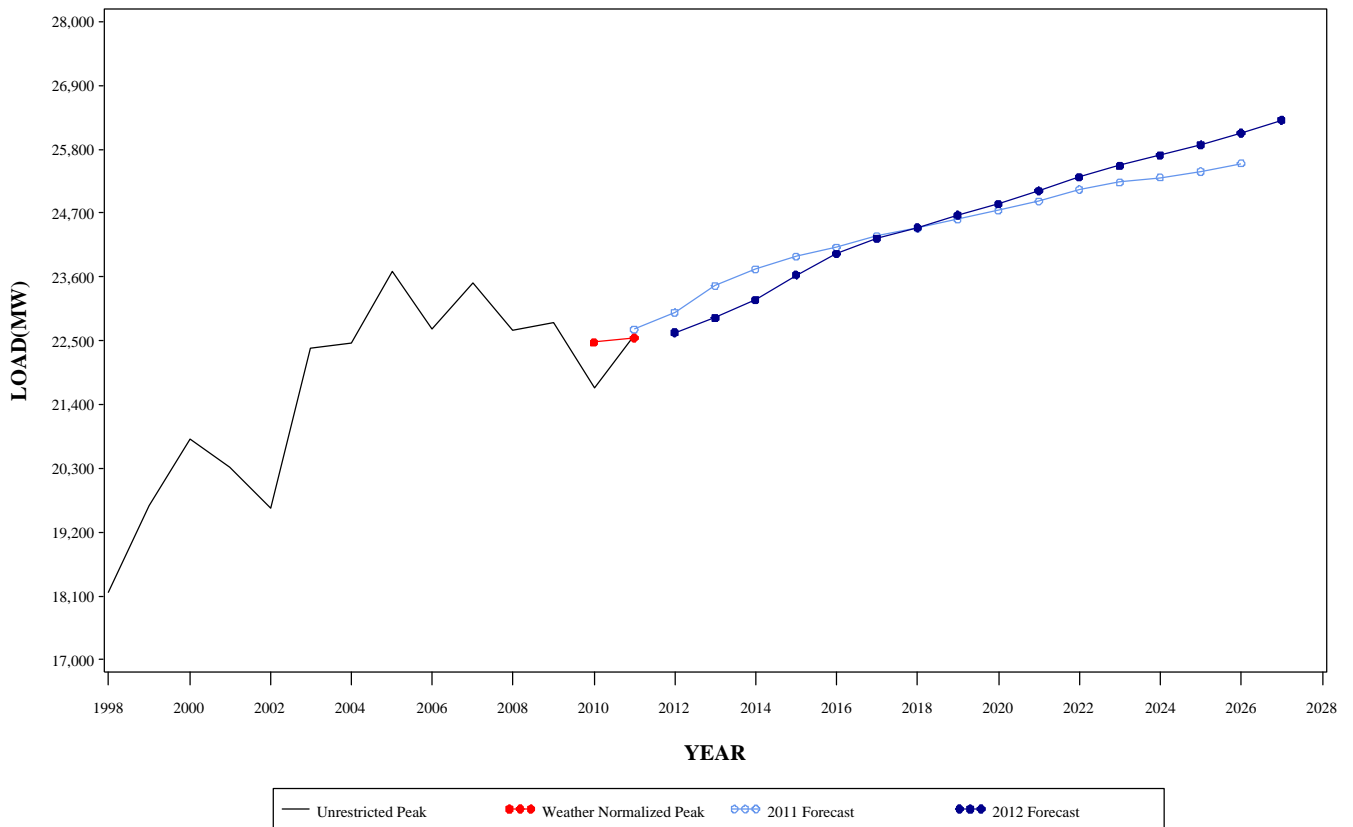
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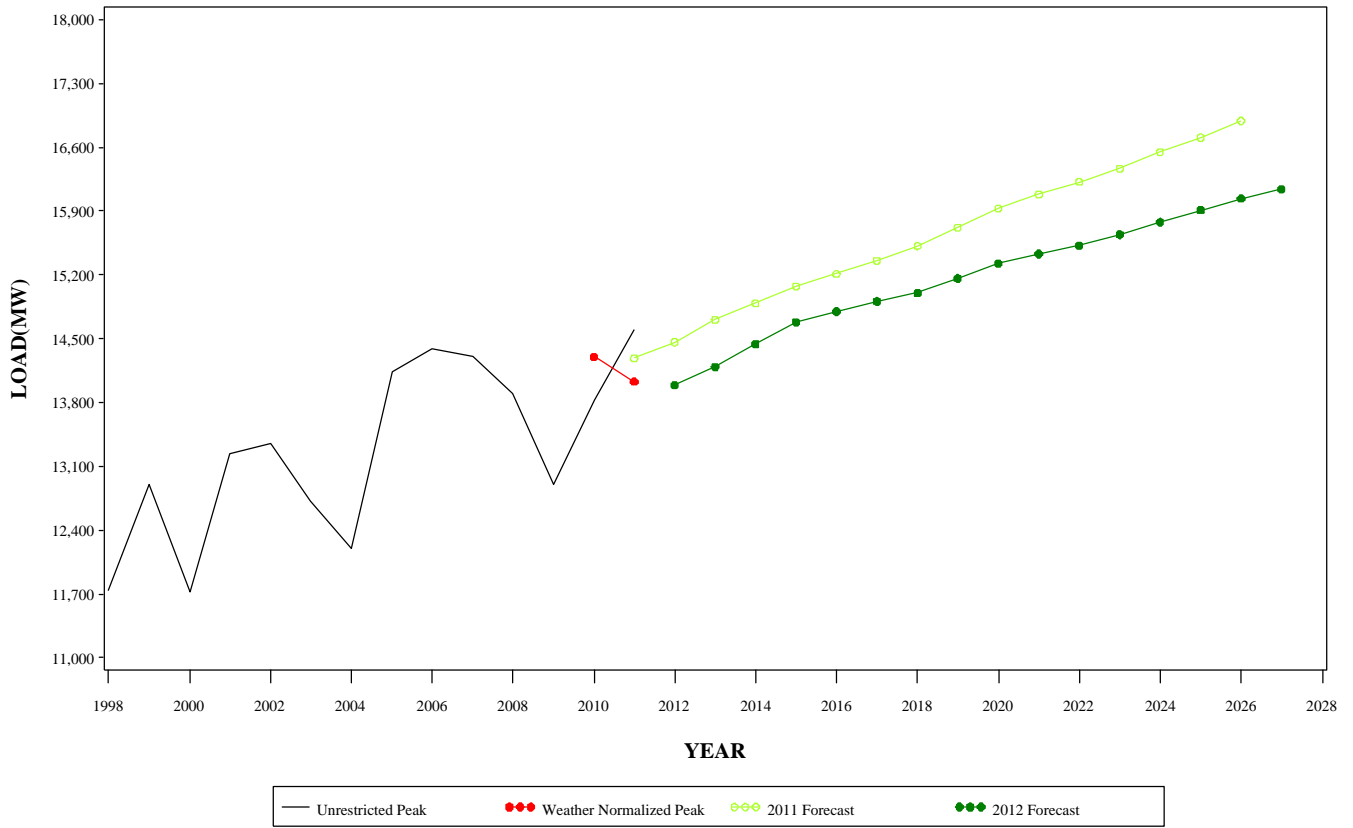
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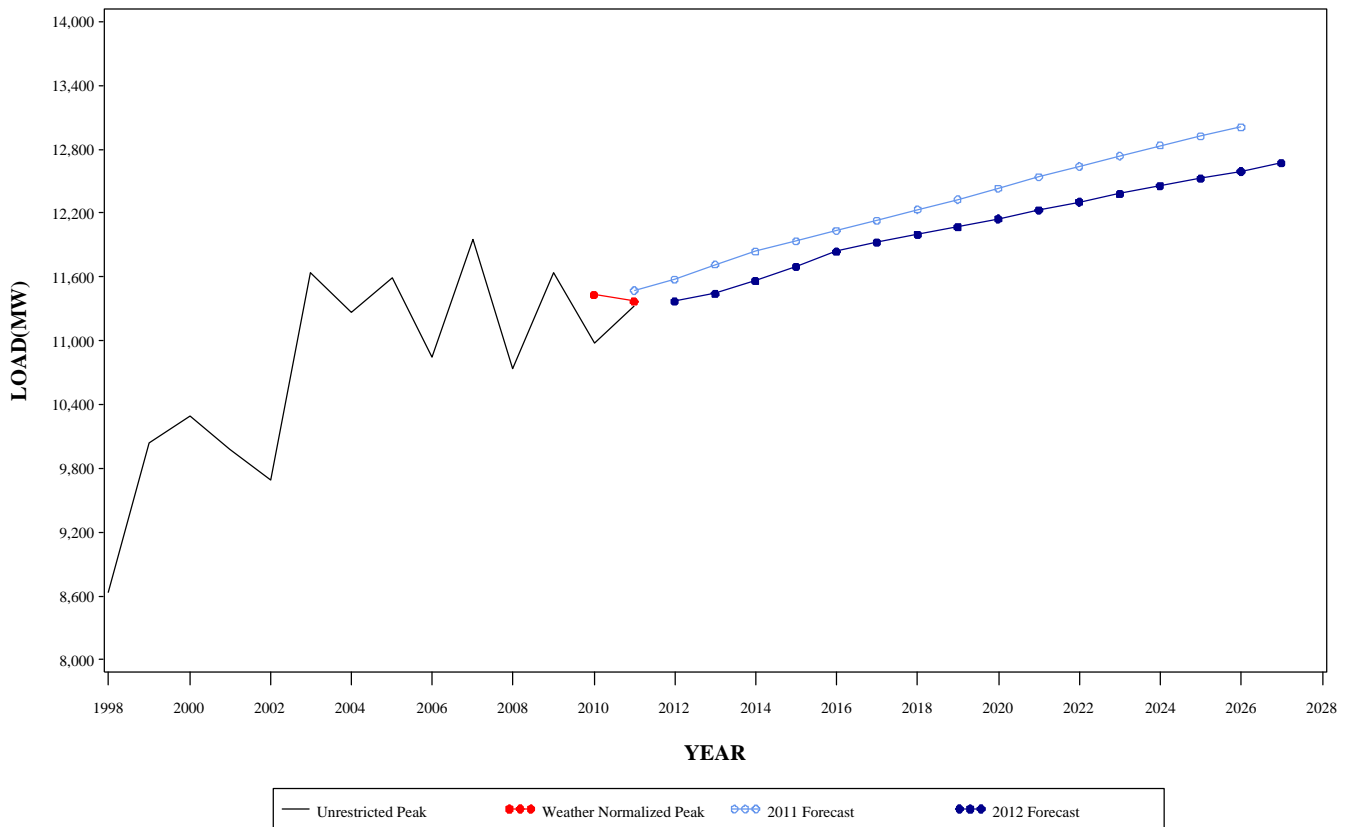
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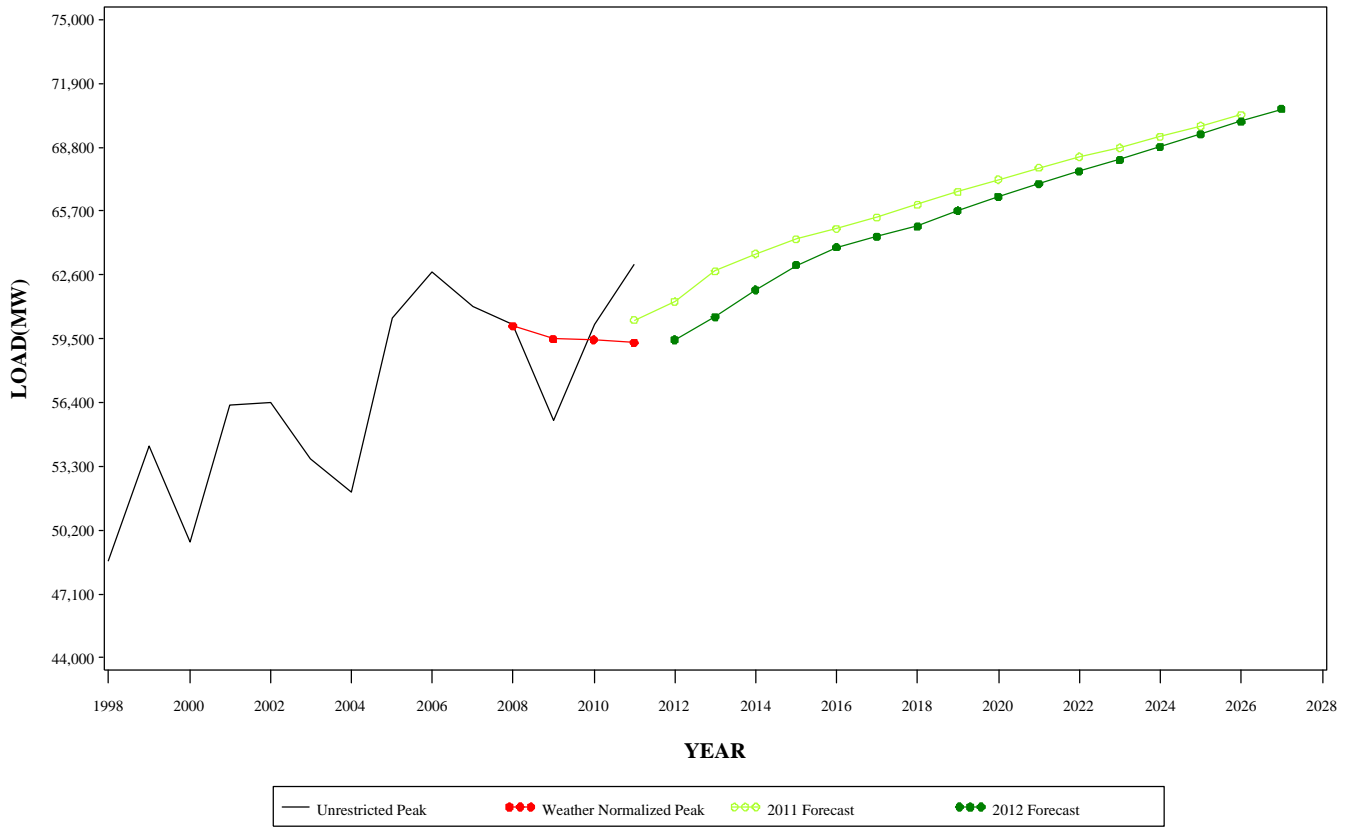
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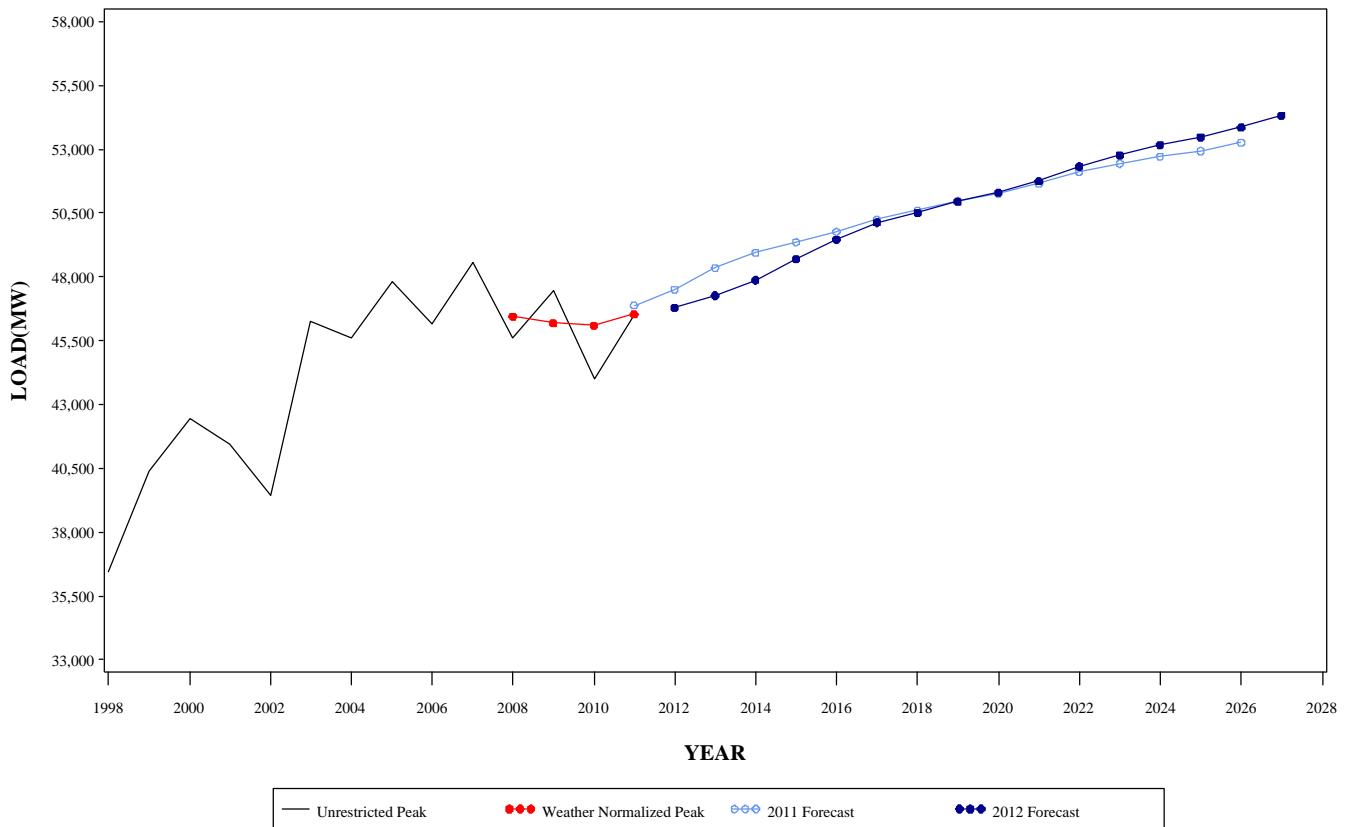
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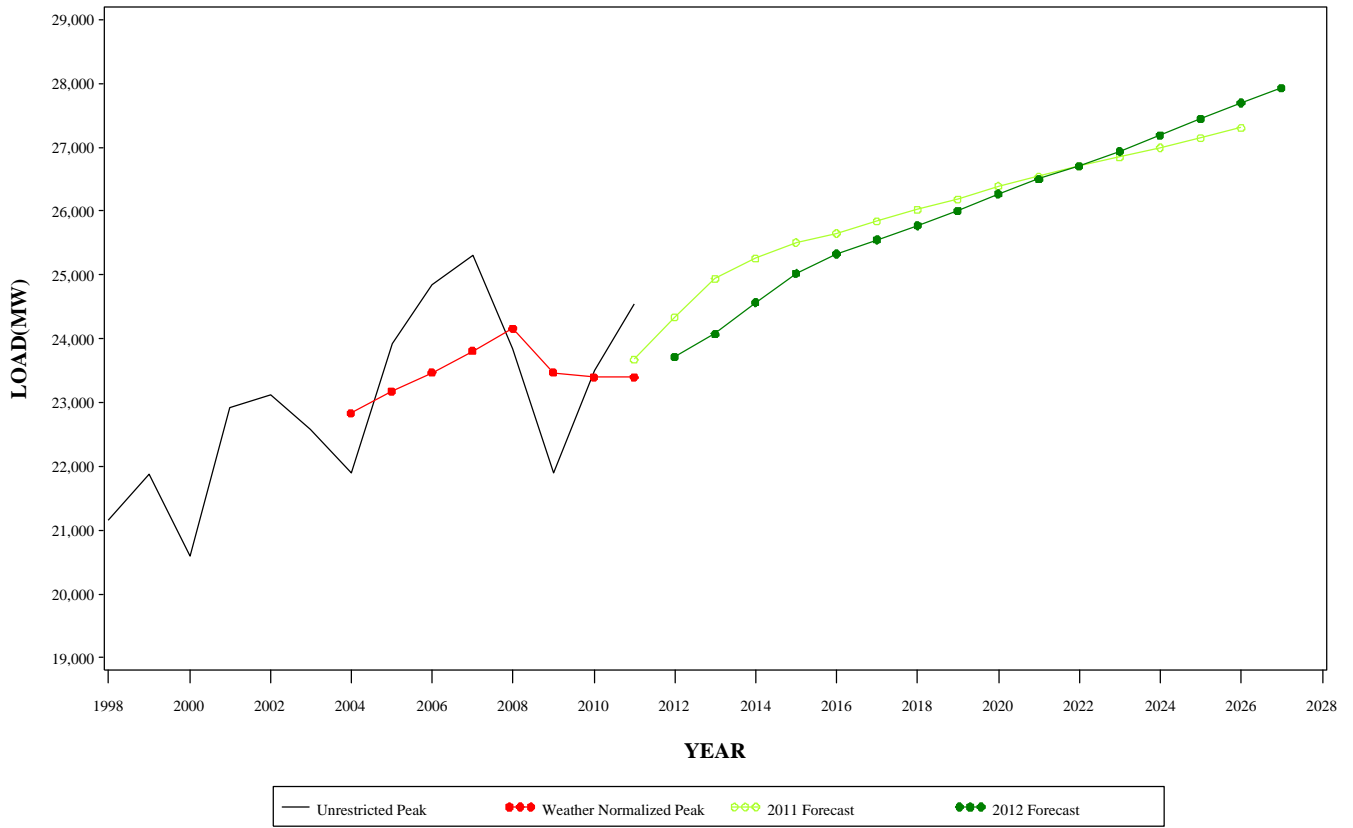
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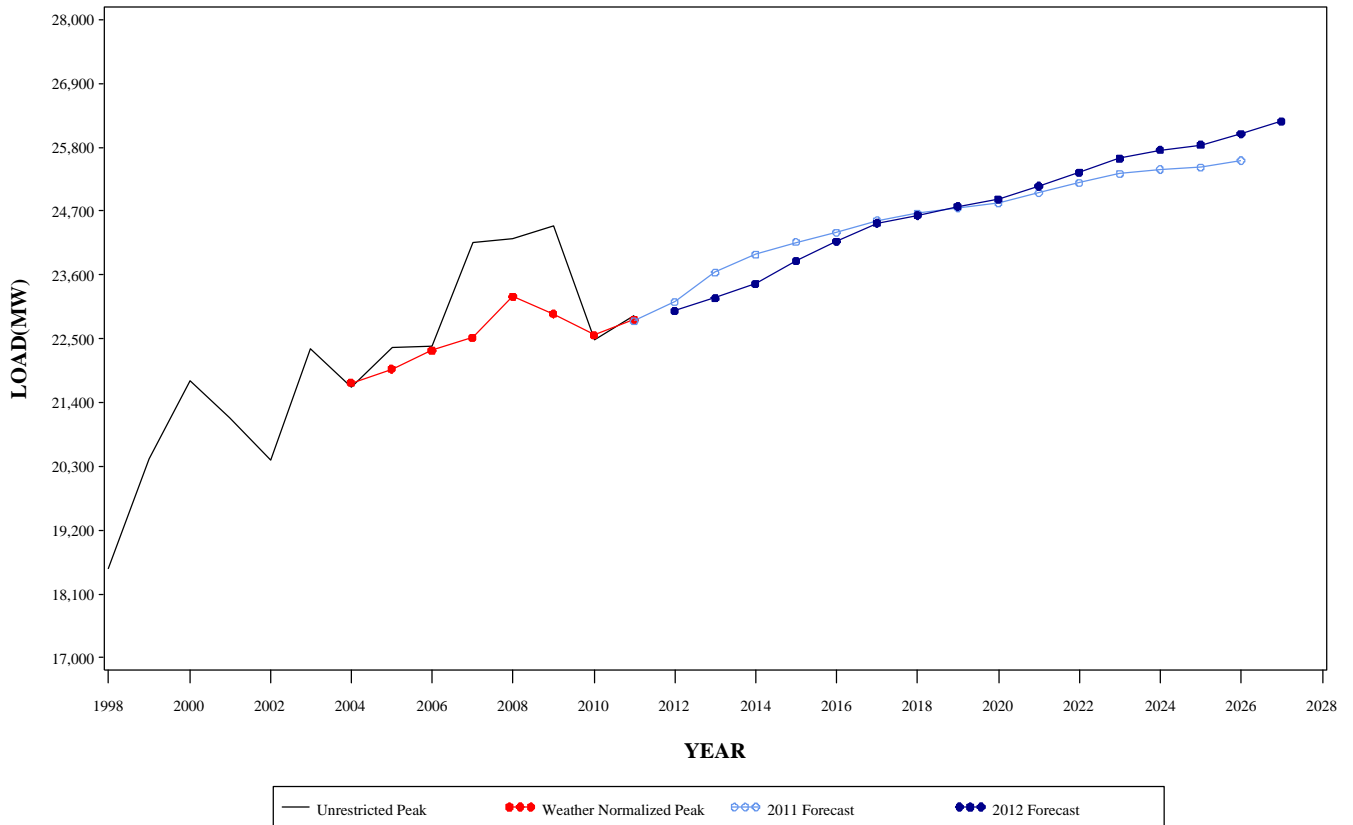
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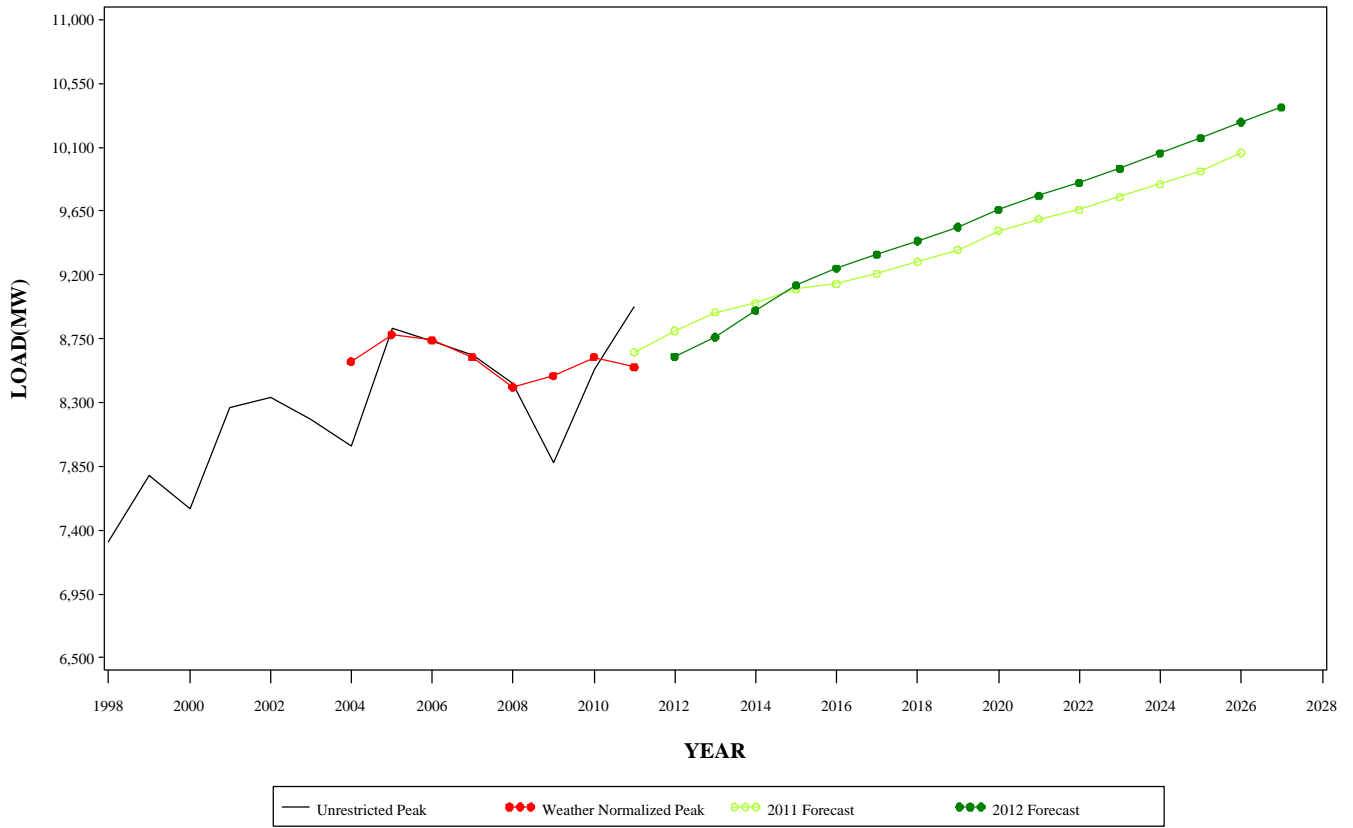
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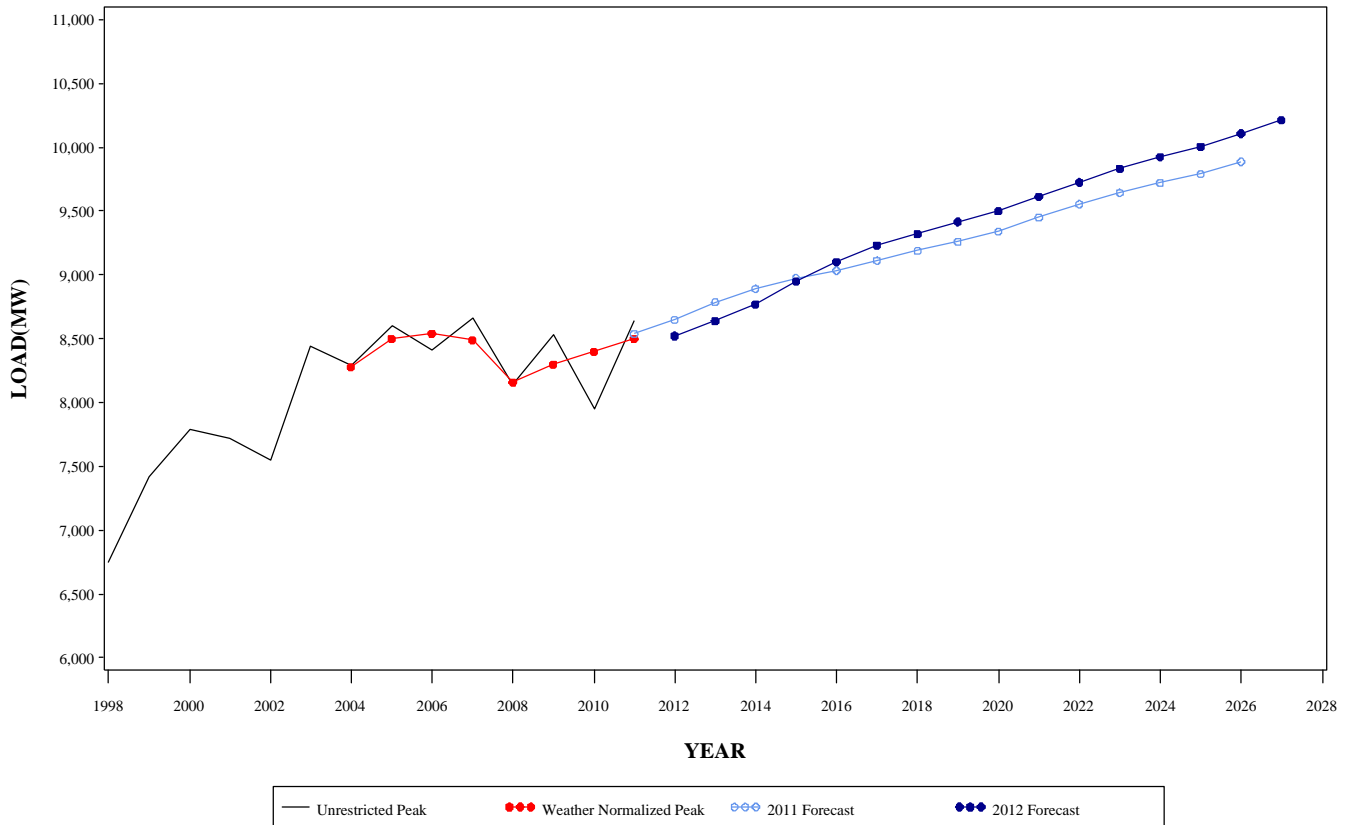
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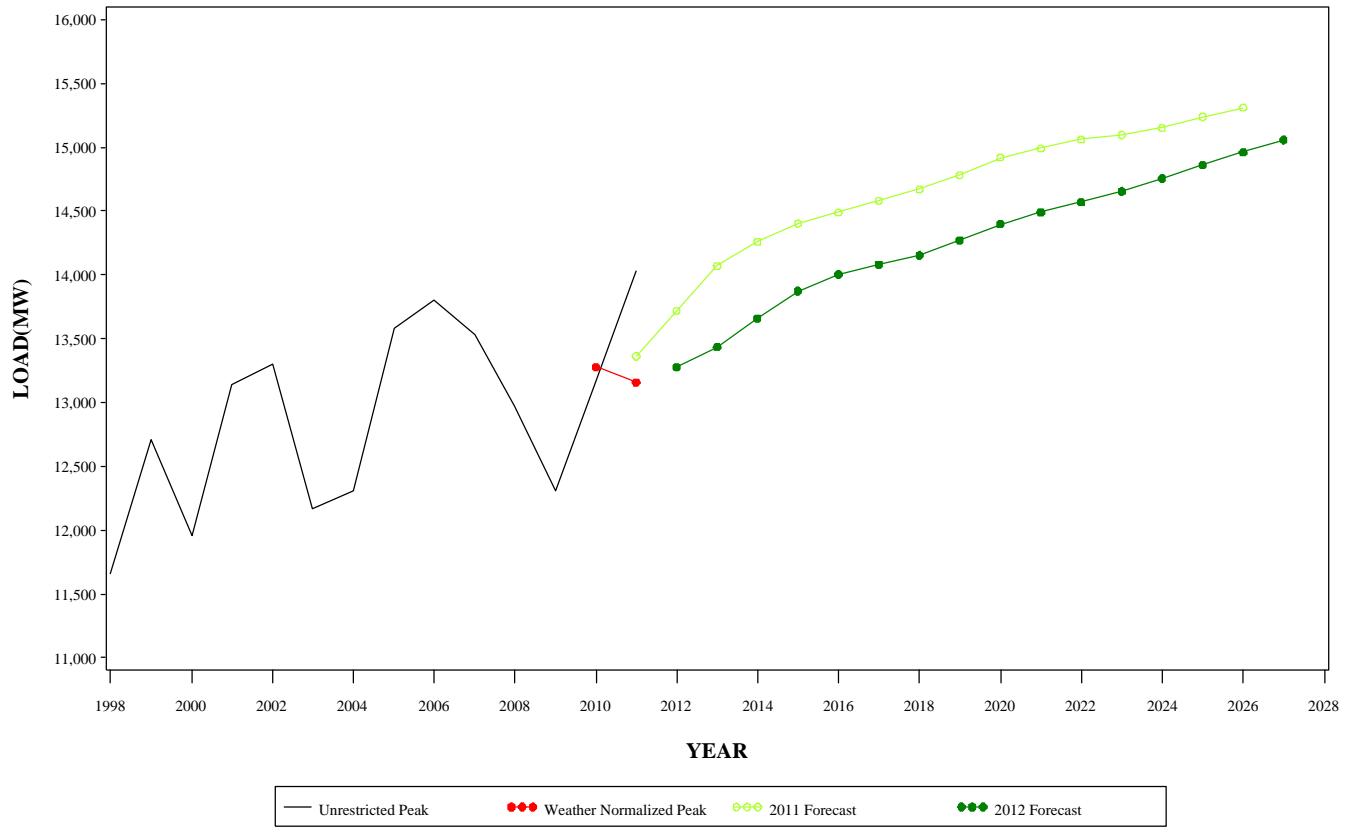
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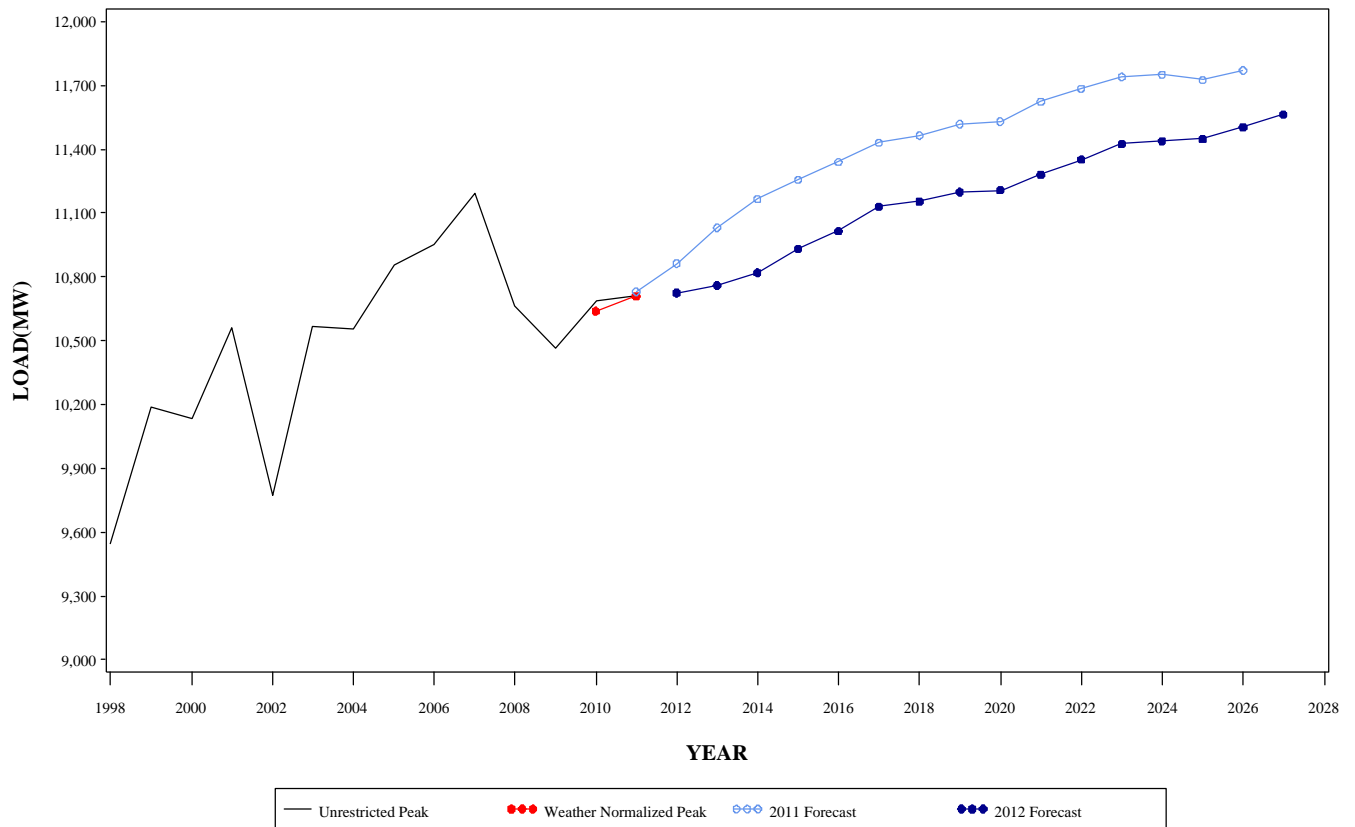
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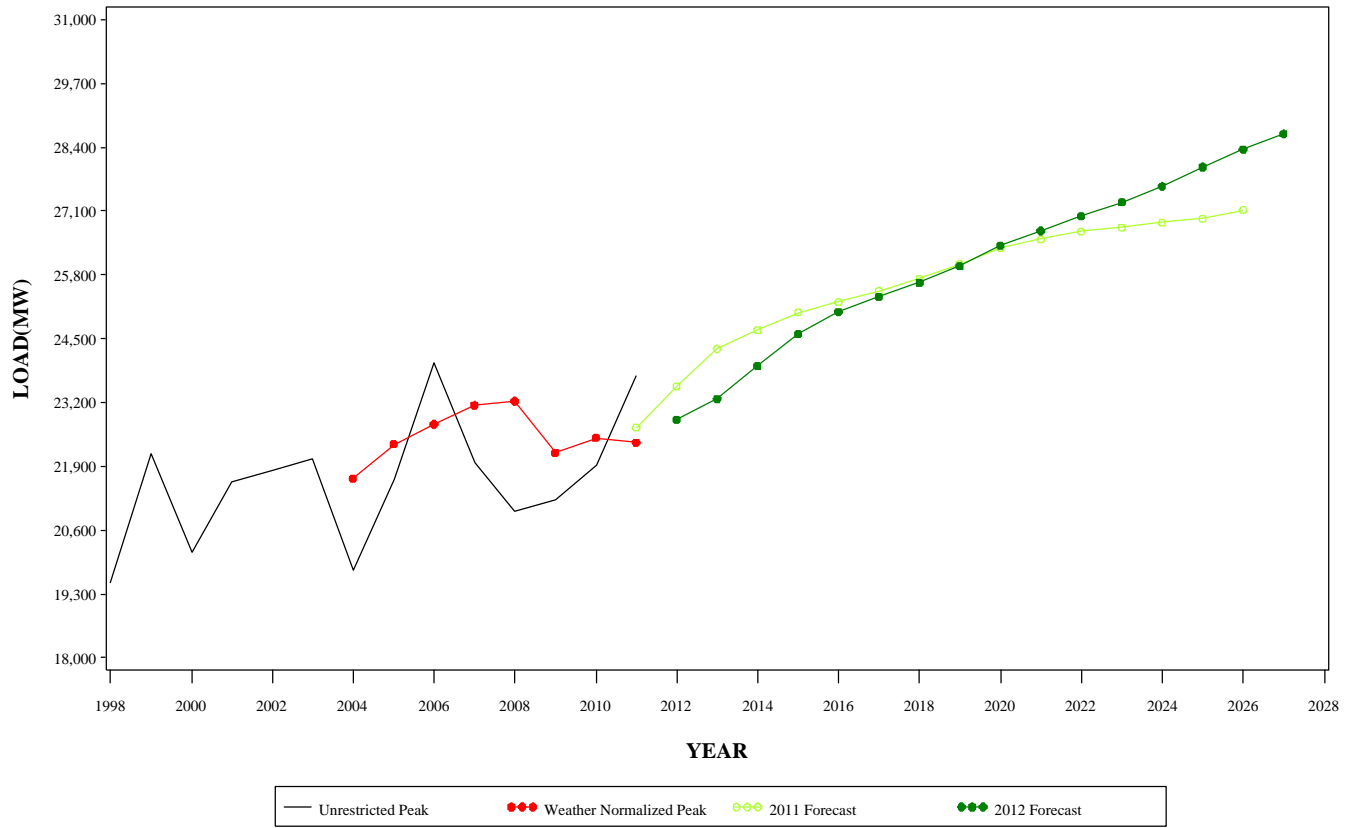
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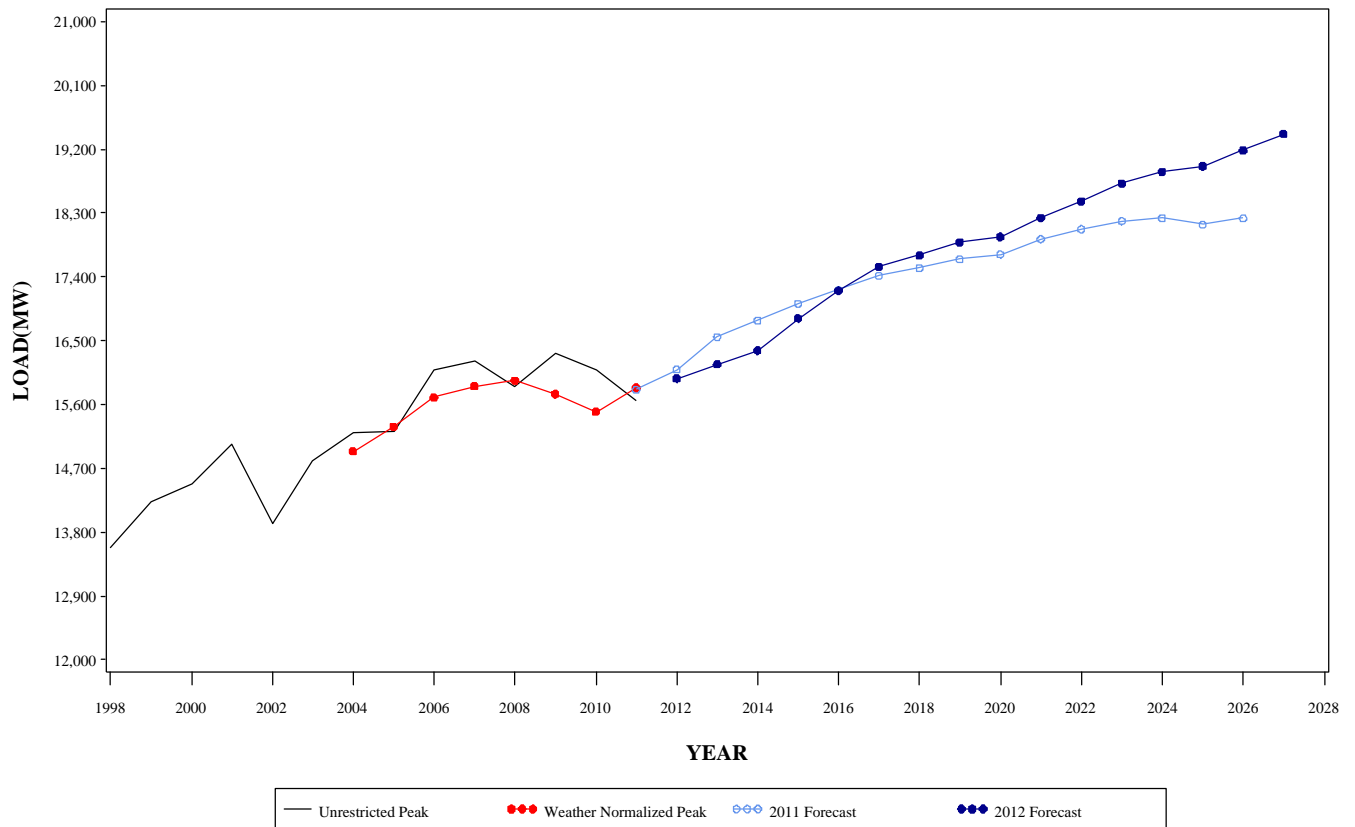
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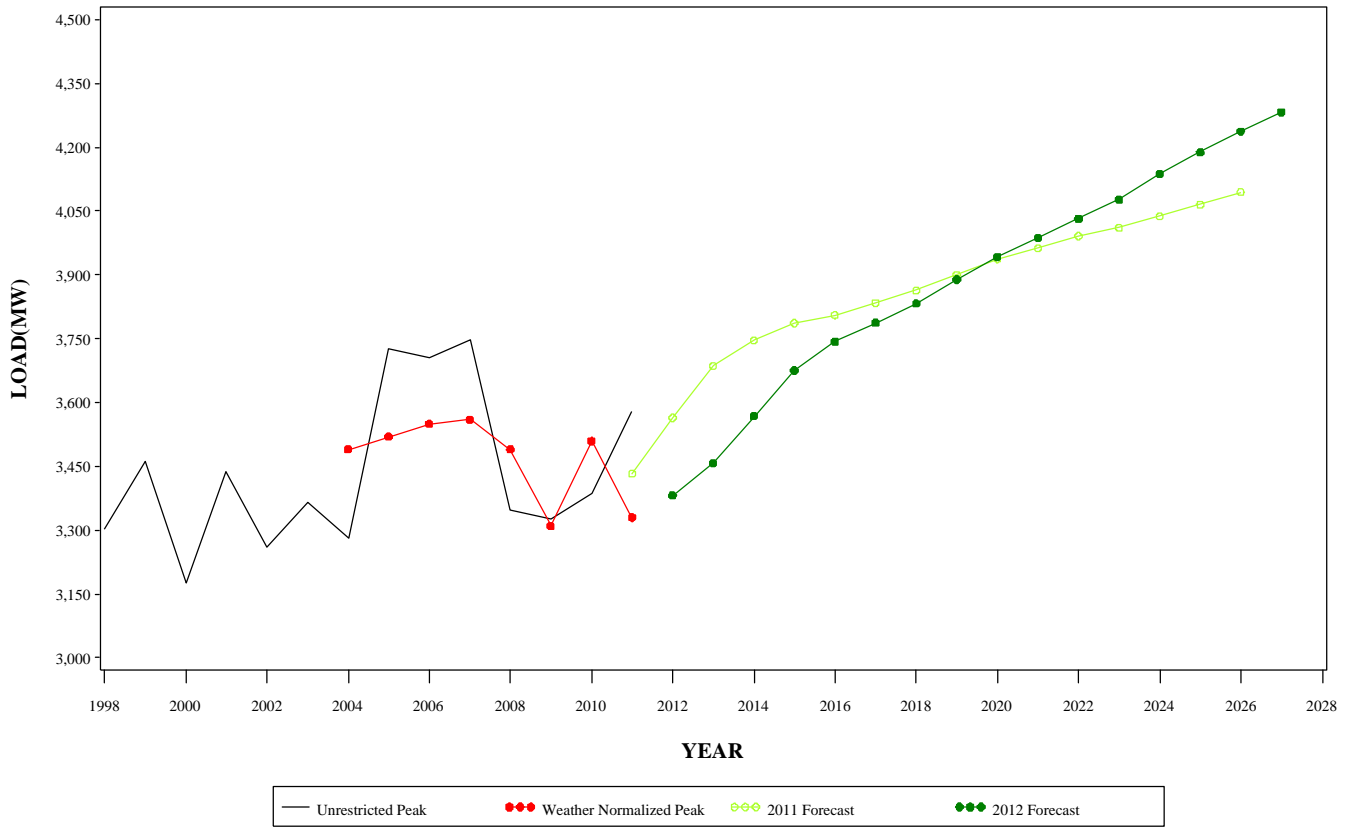
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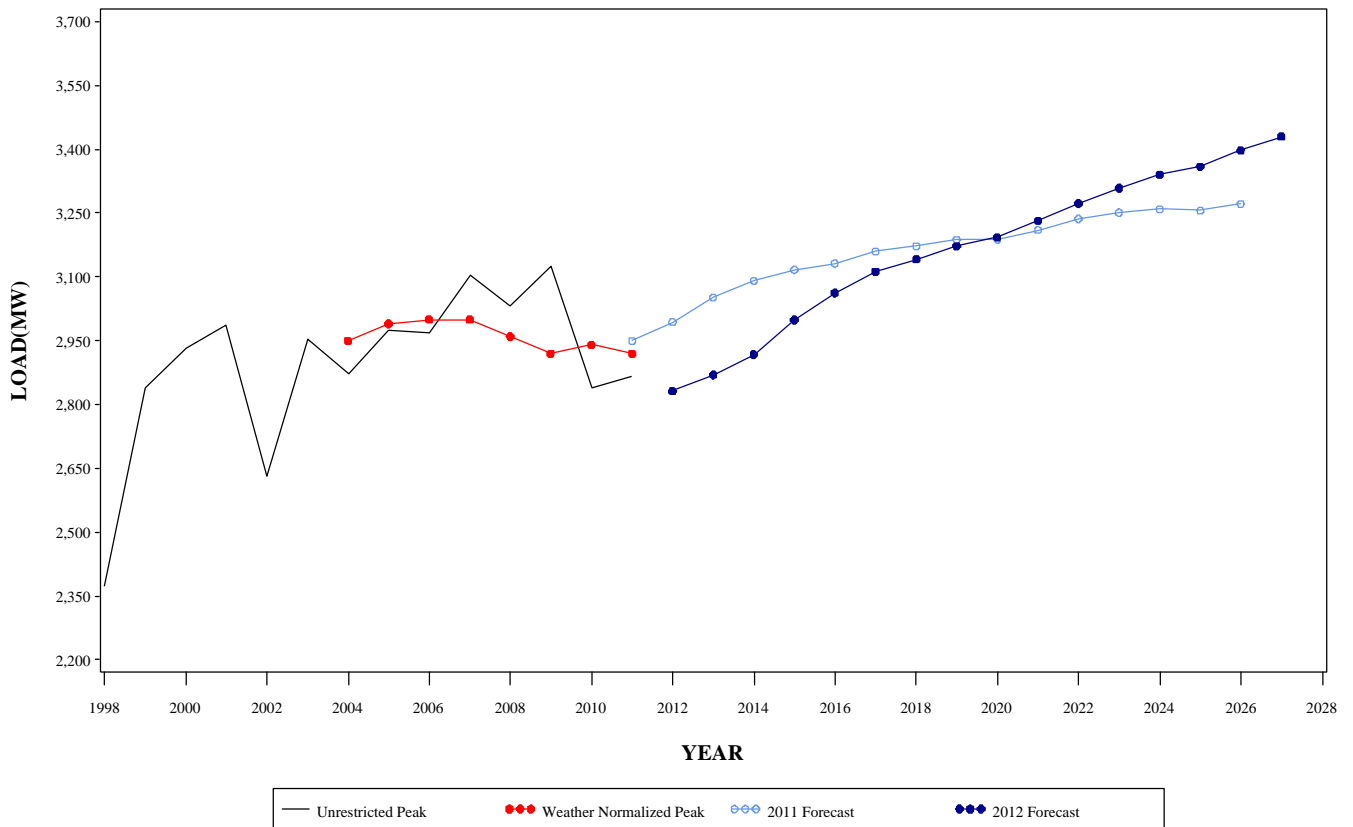
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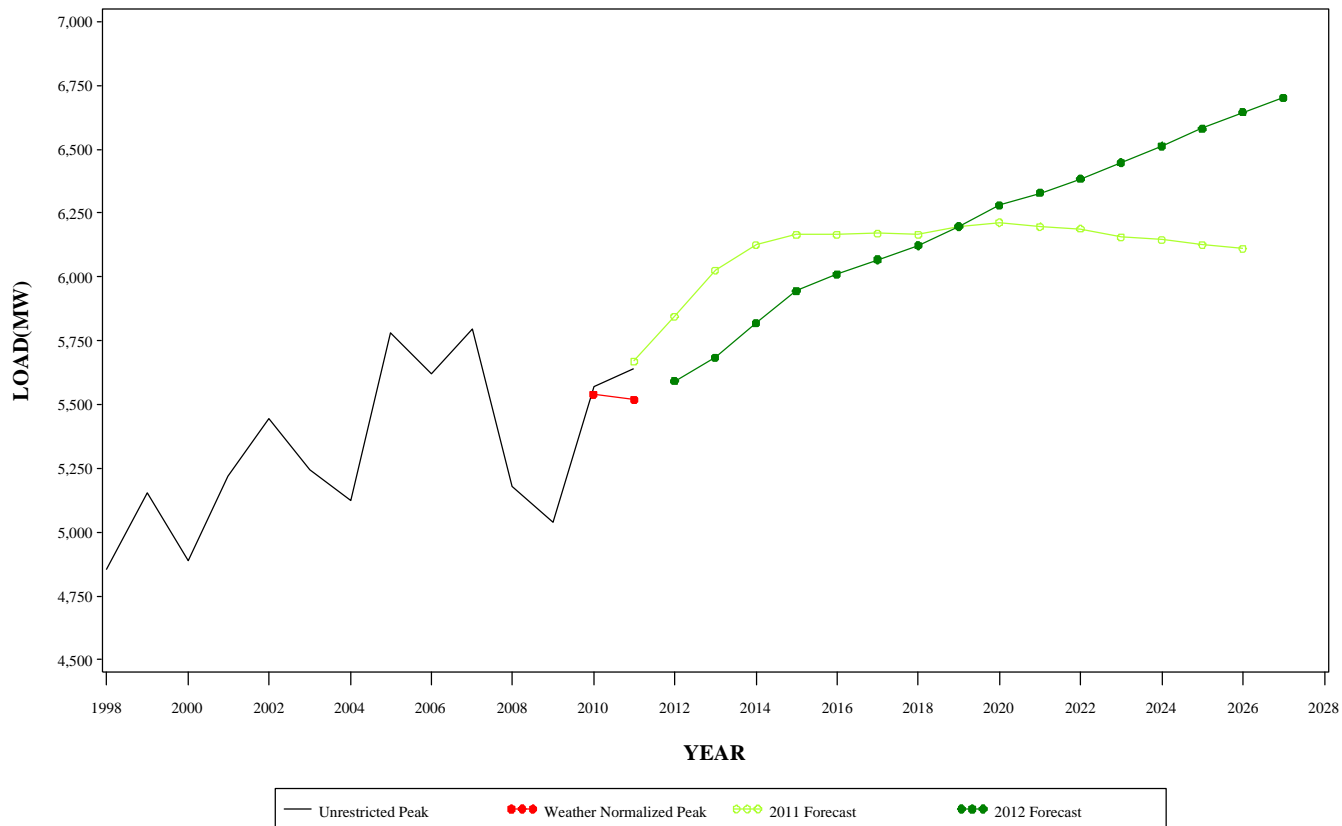
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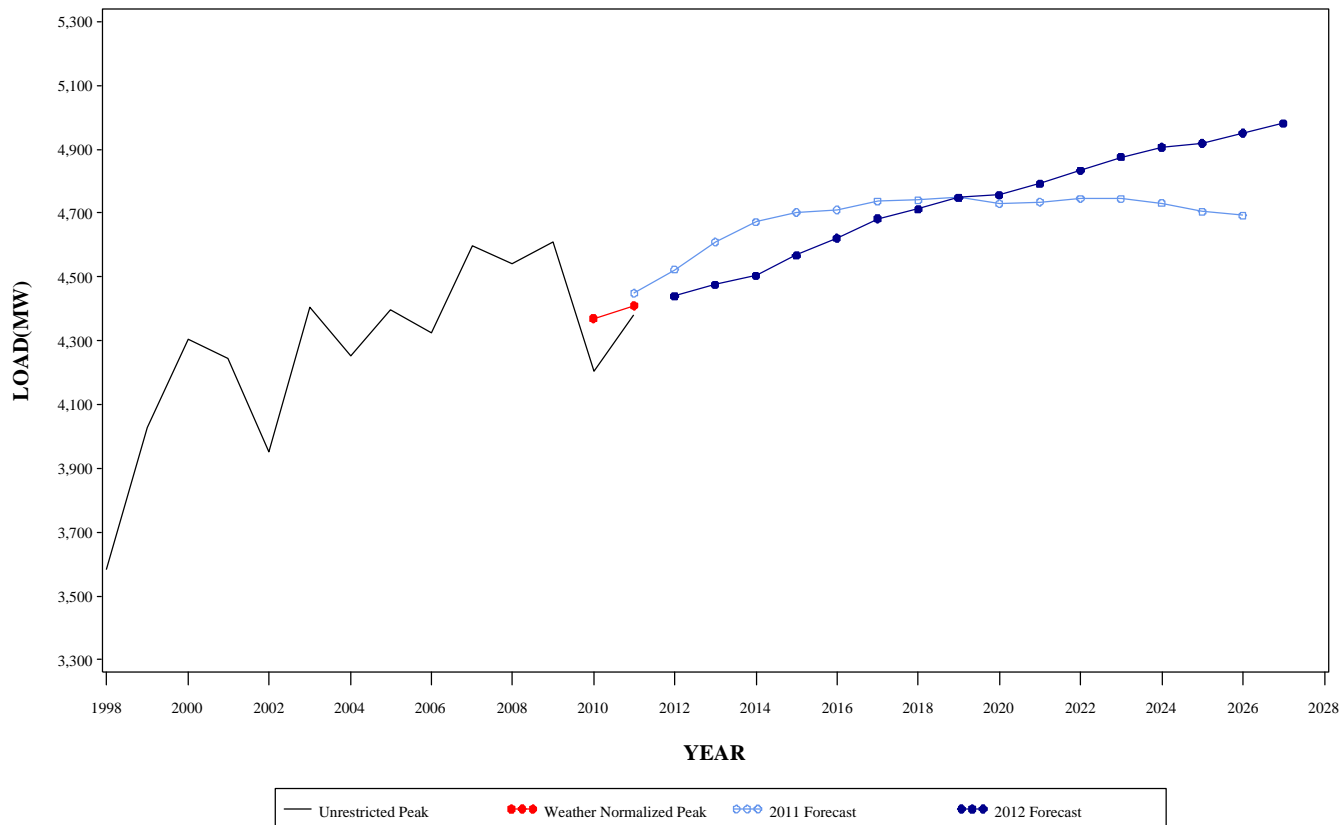
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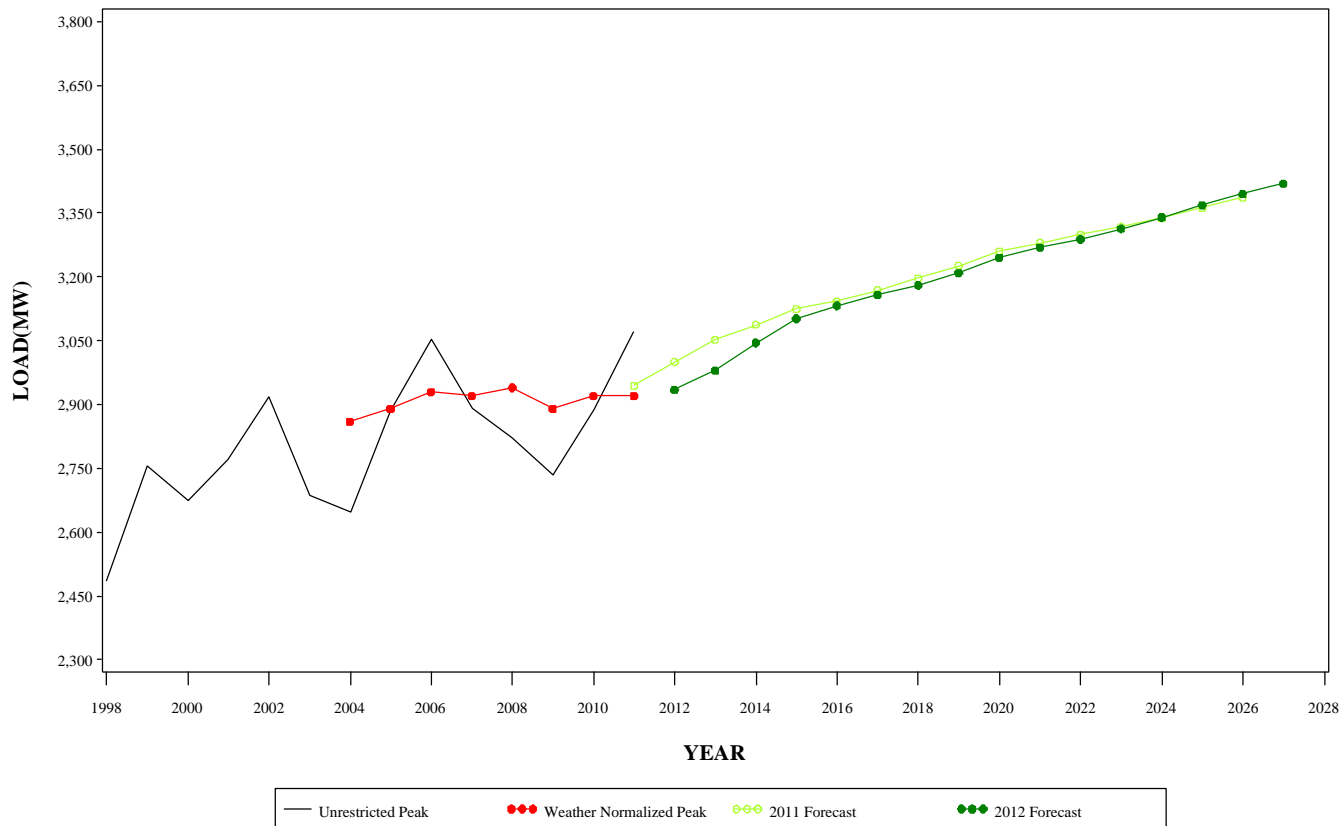
**SUMMER PEAK DEMAND FOR DEOK  
GEOGRAPHIC ZONE**



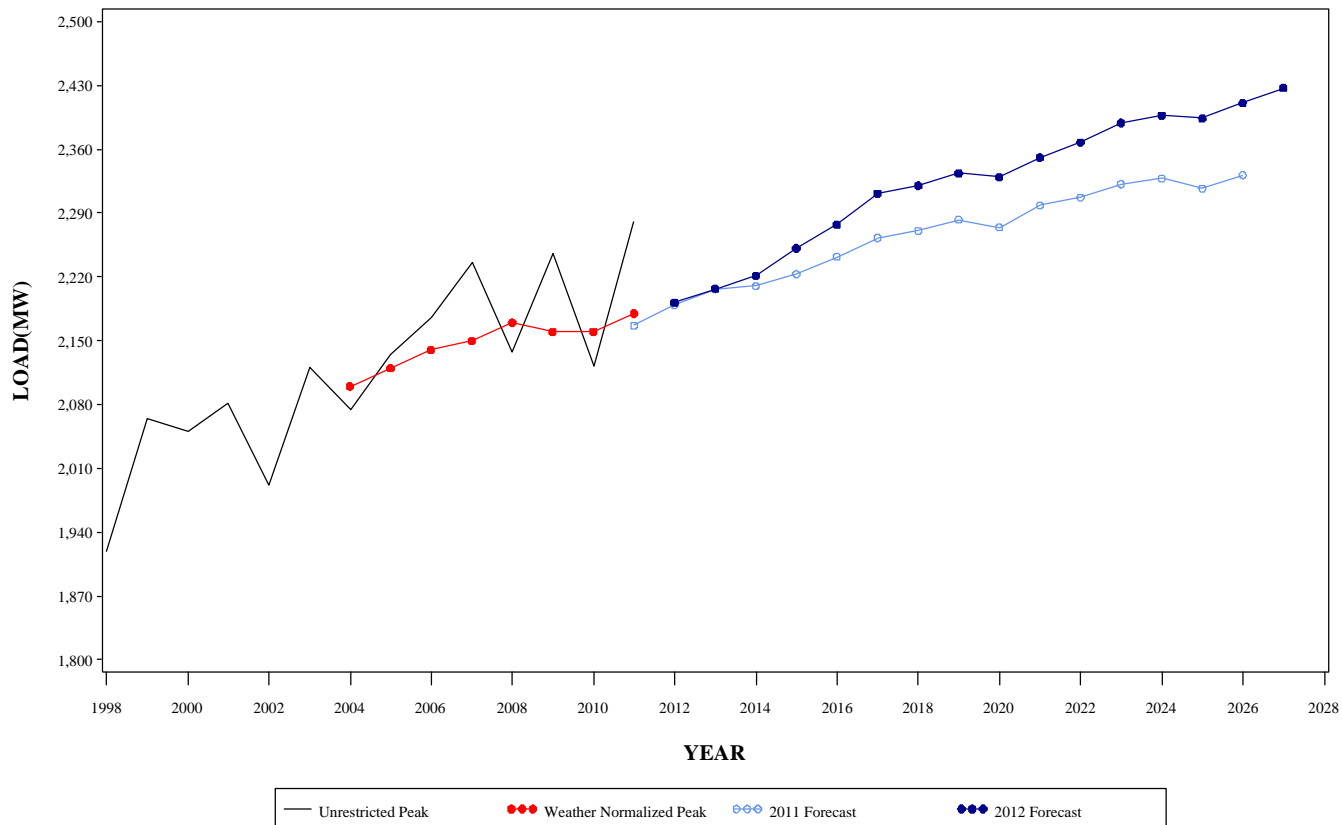
**WINTER PEAK DEMAND FOR DEOK  
GEOGRAPHIC ZONE**



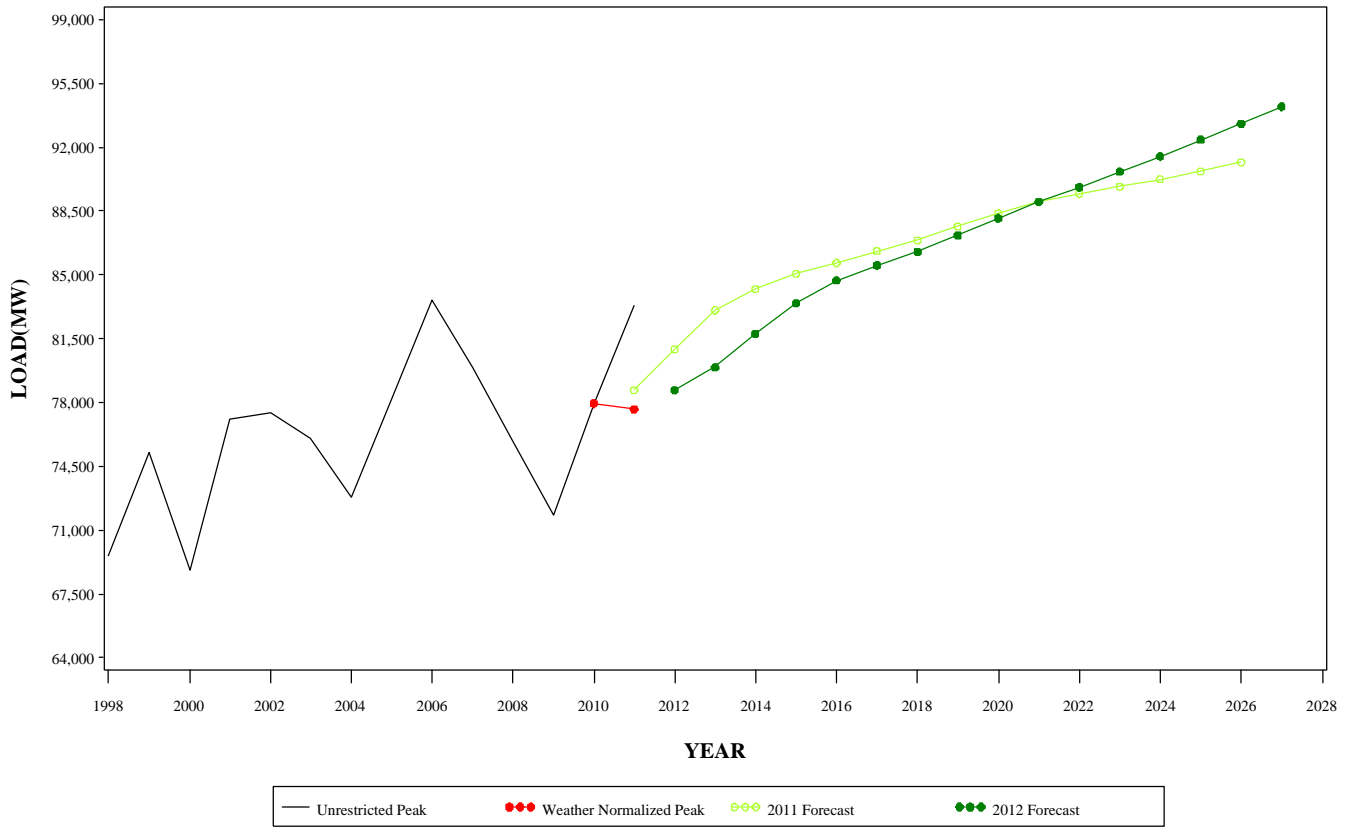
**SUMMER PEAK DEMAND FOR DLCO  
GEOGRAPHIC ZONE**



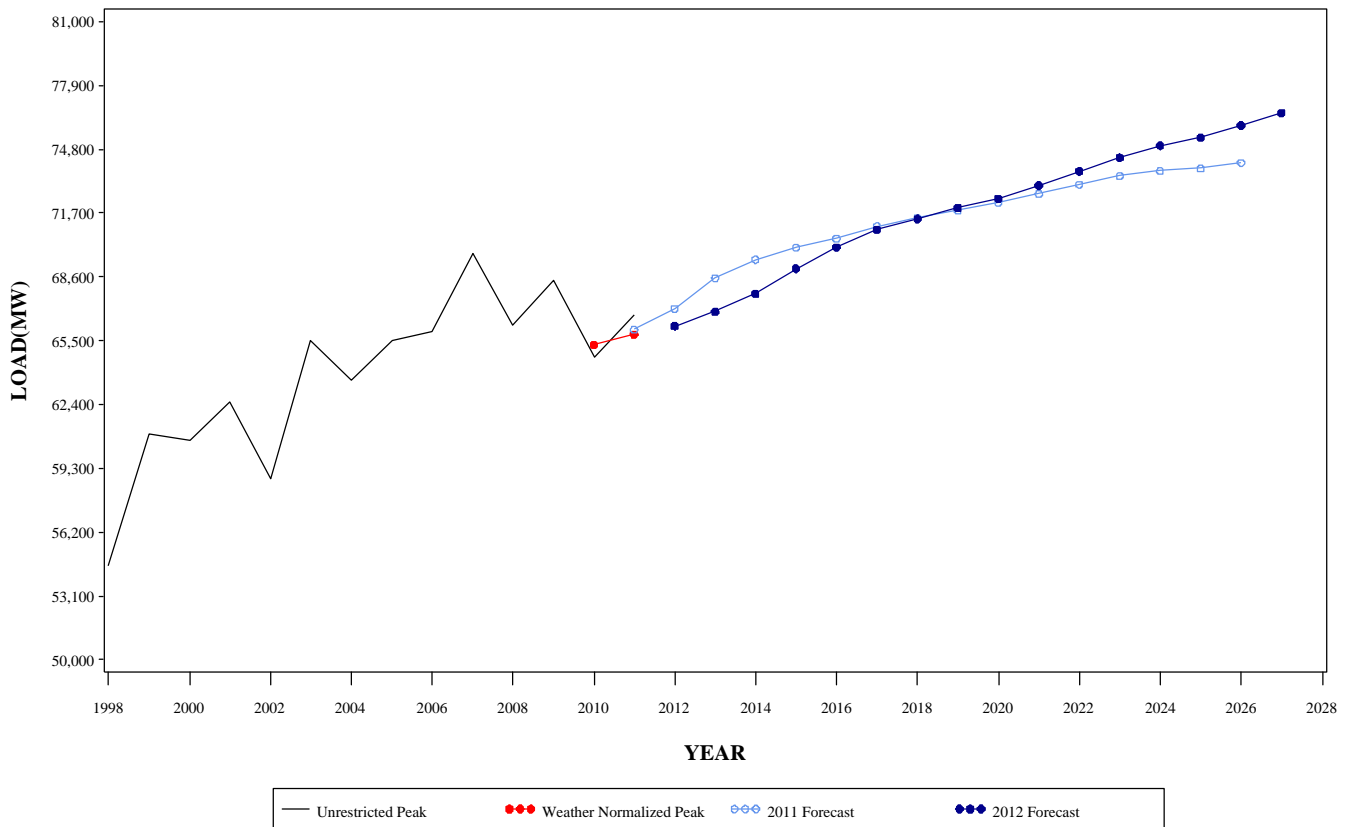
**WINTER PEAK DEMAND FOR DLCO  
GEOGRAPHIC ZONE**



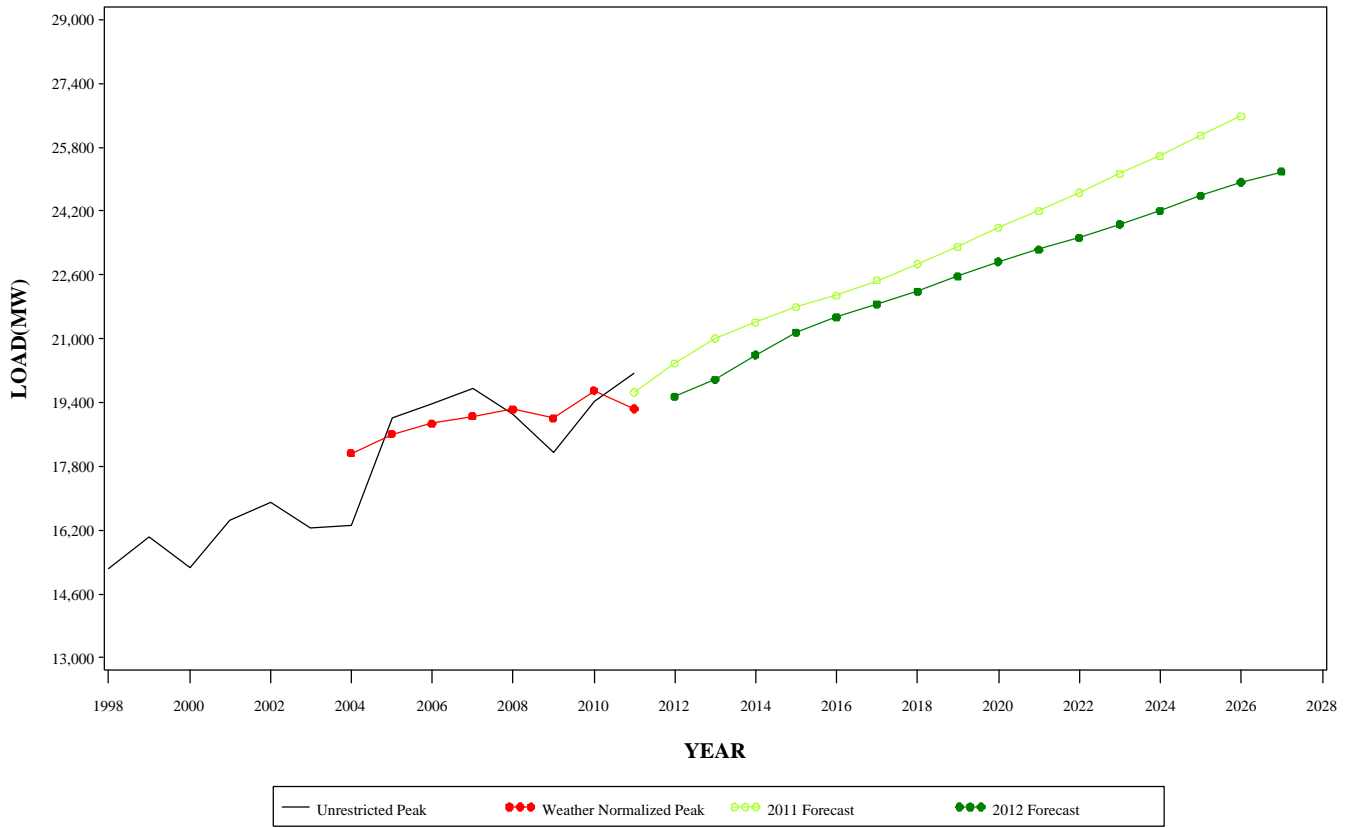
**SUMMER PEAK DEMAND FOR PJM WESTERN  
GEOGRAPHIC ZONE**



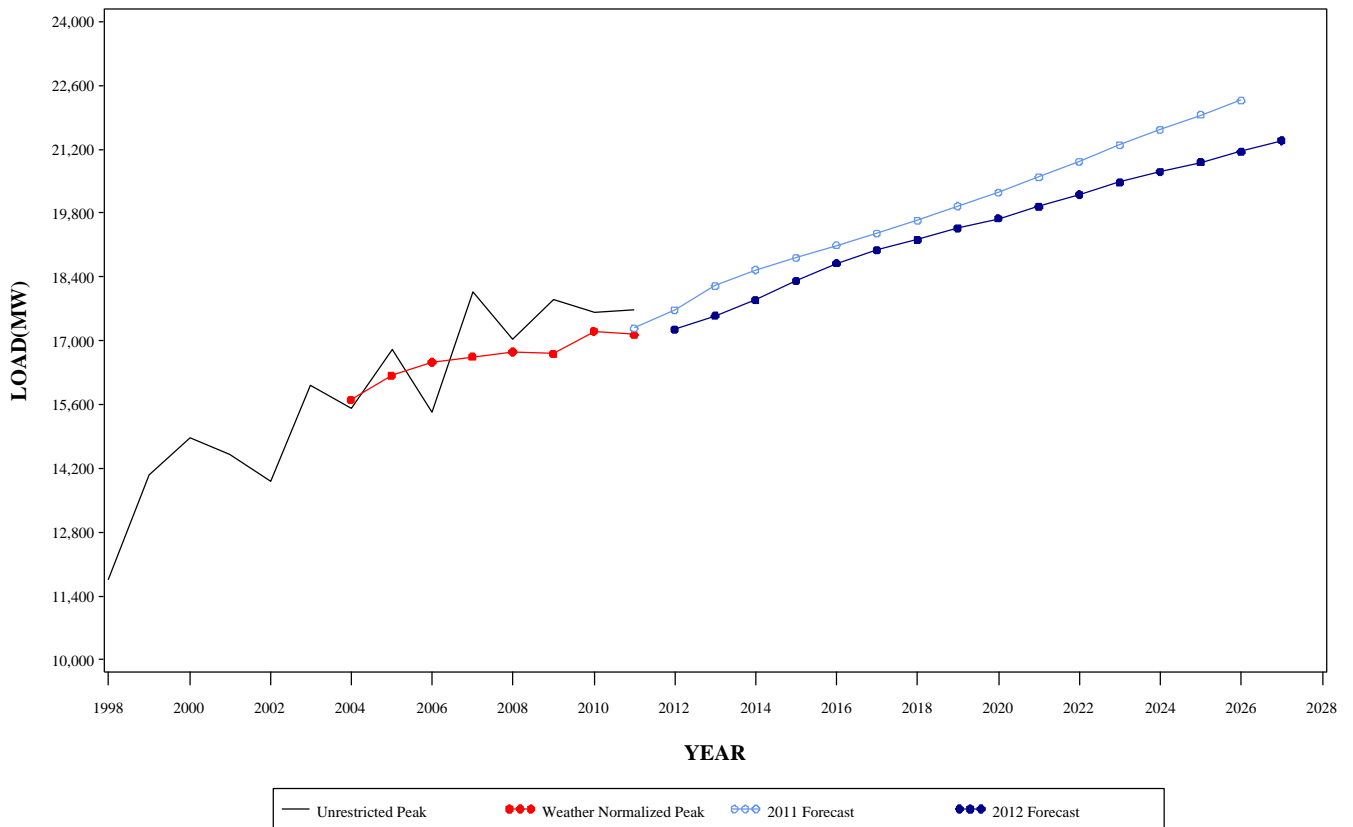
**WINTER PEAK DEMAND FOR PJM WESTERN  
GEOGRAPHIC ZONE**



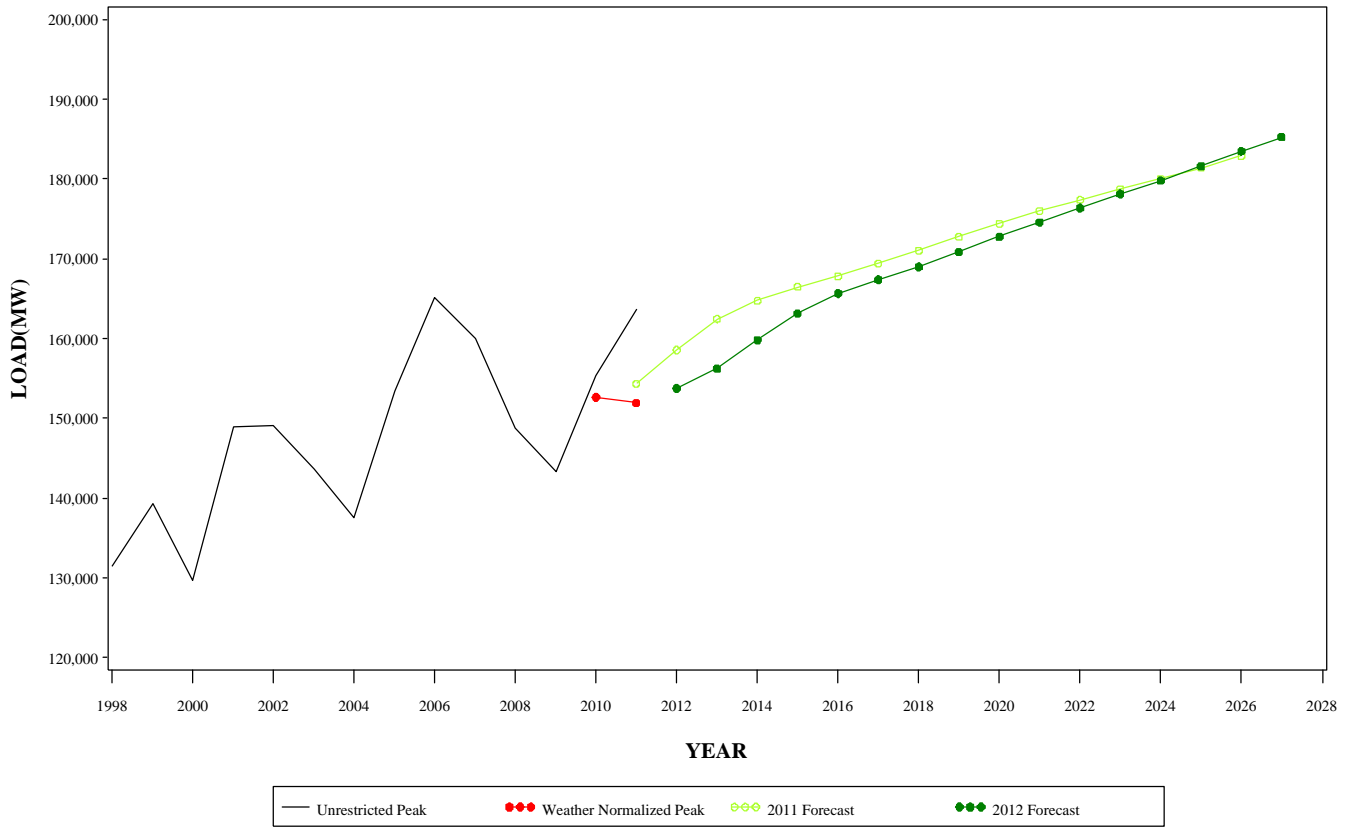
**SUMMER PEAK DEMAND FOR DOM  
GEOGRAPHIC ZONE**



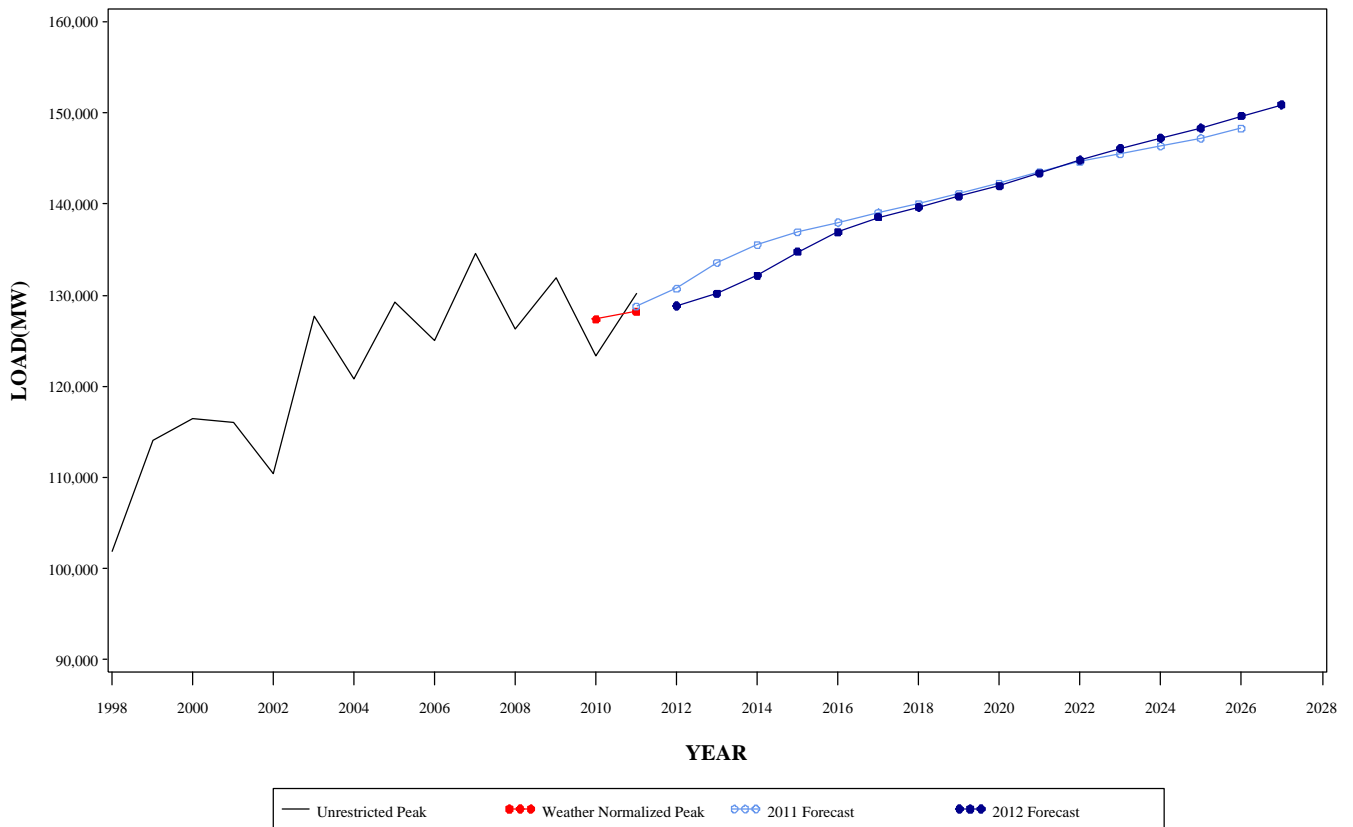
**WINTER PEAK DEMAND FOR DOM  
GEOGRAPHIC ZONE**



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



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



**Table A-1**

**PJM MID-ATLANTIC REGION  
SUMMER PEAK LOAD COMPARISONS OF THE CURRENT FORECAST  
TO THE JANUARY 2011 LOAD FORECAST REPORT**

**INCREASE OR DECREASE OVER PRIOR FORECAST**

	2012		2017		2022	
	MW	%	MW	%	MW	%
AE	(46)	-1.7%	(56)	-1.9%	(97)	-3.1%
BGE	(239)	-3.2%	(251)	-3.1%	(428)	-5.0%
DPL	(62)	-1.5%	37	0.8%	37	0.8%
JCPL	(307)	-4.7%	(240)	-3.4%	(238)	-3.3%
METED	(74)	-2.4%	27	0.8%	96	2.8%
PECO	(146)	-1.6%	128	1.4%	435	4.5%
PENLC	(61)	-2.0%	19	0.6%	(8)	-0.2%
PEPCO	(219)	-3.1%	(201)	-2.7%	(277)	-3.6%
PL	(208)	-2.8%	49	0.6%	273	3.4%
PS	(416)	-3.8%	(325)	-2.8%	(318)	-2.7%
RECO	(19)	-4.3%	(13)	-2.8%	(13)	-2.7%
UGI	(4)	-2.0%	3	1.5%	9	4.3%
PJM MID-ATLANTIC	(1,861)	-3.0%	(924)	-1.4%	(701)	-1.0%
FE/GPU	(471)	-3.8%	(224)	-1.7%	(166)	-1.2%
PLGRP	(207)	-2.7%	48	0.6%	274	3.3%

**Table A-1**

**PJM WESTERN REGION, PJM SOUTHERN REGION AND PJM RTO  
SUMMER PEAK LOAD COMPARISONS OF THE CURRENT FORECAST  
TO THE JANUARY 2011 LOAD FORECAST REPORT**

**INCREASE OR DECREASE OVER PRIOR FORECAST**

	<b>2012</b>		<b>2017</b>		<b>2022</b>	
	<b>MW</b>	<b>%</b>	<b>MW</b>	<b>%</b>	<b>MW</b>	<b>%</b>
AEP	(624)	-2.6%	(288)	-1.1%	7	0.0%
APS	(183)	-2.1%	135	1.5%	191	2.0%
ATSI	(443)	-3.2%	(501)	-3.4%	(491)	-3.3%
COMED	(685)	-2.9%	(119)	-0.5%	315	1.2%
DAY	(182)	-5.1%	(47)	-1.2%	40	1.0%
DEOK	(254)	-4.3%	(102)	-1.7%	196	3.2%
DLCO	(65)	-2.2%	(11)	-0.3%	(10)	-0.3%
PJM WESTERN	(2,236)	-2.8%	(784)	-0.9%	352	0.4%
DOM	(838)	-4.1%	(593)	-2.6%	(1,132)	-4.6%
PJM RTO	(4,821)	-3.0%	(2,010)	-1.2%	(996)	-0.6%

Table A-2

**PJM MID-ATLANTIC REGION  
WINTER PEAK LOAD COMPARISONS OF THE CURRENT FORECAST  
TO THE JANUARY 2011 LOAD FORECAST REPORT**

**INCREASE OR DECREASE OVER PRIOR FORECAST**

	11/12		16/17		21/22	
	MW	%	MW	%	MW	%
AE	(8)	-0.5%	(25)	-1.3%	(46)	-2.3%
BGE	(95)	-1.6%	(98)	-1.5%	(180)	-2.7%
DPL	(26)	-0.8%	30	0.8%	27	0.7%
JCPL	(109)	-2.7%	(62)	-1.4%	(38)	-0.8%
METED	(47)	-1.8%	(3)	-0.1%	49	1.6%
PECO	(29)	-0.4%	127	1.8%	360	4.9%
PENLC	(32)	-1.1%	22	0.7%	(2)	-0.1%
PEPCO	(102)	-1.8%	(102)	-1.7%	(149)	-2.4%
PL	(75)	-1.0%	73	0.9%	250	3.2%
PS	(145)	-2.1%	(90)	-1.2%	(73)	-1.0%
RECO	5	2.2%	7	2.9%	8	3.2%
UGI	(2)	-1.0%	3	1.4%	6	2.9%
 PJM MID-ATLANTIC	 (721)	 -1.5%	 (110)	 -0.2%	 213	 0.4%
 FE/GPU	 (199)	 -2.1%	 (40)	 -0.4%	 11	 0.1%
PLGRP	(86)	-1.1%	77	1.0%	259	3.2%

**Table A-2**

**PJM WESTERN REGION, PJM SOUTHERN REGION AND PJM RTO  
WINTER PEAK LOAD COMPARISONS OF THE CURRENT FORECAST  
TO THE JANUARY 2011 LOAD FORECAST REPORT**

**INCREASE OR DECREASE OVER PRIOR FORECAST**

	11/12		16/17		21/22	
	MW	%	MW	%	MW	%
AEP	(157)	-0.7%	(45)	-0.2%	182	0.7%
APS	(126)	-1.5%	120	1.3%	171	1.8%
ATSI	(138)	-1.3%	(300)	-2.6%	(334)	-2.9%
COMED	(129)	-0.8%	126	0.7%	395	2.2%
DAY	(162)	-5.4%	(47)	-1.5%	36	1.1%
DEOK	(83)	-1.8%	(55)	-1.2%	88	1.9%
DLCO	2	0.1%	49	2.2%	61	2.6%
PJM WESTERN	(845)	-1.3%	(166)	-0.2%	639	0.9%
DOM	(430)	-2.4%	(368)	-1.9%	(726)	-3.5%
PJM RTO	(1,871)	-1.4%	(506)	-0.4%	215	0.1%

Table B-1

SUMMER PEAK LOAD (MW) AND GROWTH RATES FOR  
EACH PJM MID-ATLANTIC ZONE AND GEOGRAPHIC REGION  
2012-2022

	METERED	UNRESTRICTED	NORMAL												Annual
	2011	2011	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	Growth Rate (10 yr)
AE	2,966	2,966	2,630	2,703	2,734	2,793	2,847	2,885	2,905	2,927	2,949	2,974	2,996	3,017	1.1%
%				2.8%	1.1%	2.2%	1.9%	1.3%	0.7%	0.8%	0.8%	0.8%	0.7%	0.7%	
BGE	7,236	7,616	7,240	7,221	7,314	7,457	7,595	7,677	7,744	7,802	7,878	7,967	8,028	8,086	1.1%
%				-0.3%	1.3%	2.0%	1.9%	1.1%	0.9%	0.7%	1.0%	1.1%	0.8%	0.7%	
DPL	4,241	4,338	4,070	4,111	4,166	4,256	4,342	4,393	4,438	4,485	4,545	4,604	4,649	4,695	1.3%
%				1.0%	1.3%	2.2%	2.0%	1.2%	1.0%	1.1%	1.3%	1.3%	1.0%	1.0%	
JCPL	6,604	6,675	6,200	6,244	6,338	6,474	6,605	6,696	6,759	6,815	6,875	6,946	7,006	7,063	1.2%
%				0.7%	1.5%	2.1%	2.0%	1.4%	0.9%	0.8%	0.9%	1.0%	0.9%	0.8%	
METED	3,125	3,208	2,930	2,974	3,030	3,113	3,188	3,246	3,289	3,328	3,374	3,425	3,470	3,513	1.7%
%				1.5%	1.9%	2.7%	2.4%	1.8%	1.3%	1.2%	1.4%	1.5%	1.3%	1.2%	
PECO	8,984	9,286	8,710	8,781	8,932	9,141	9,333	9,468	9,582	9,699	9,819	9,945	10,054	10,156	1.5%
%				0.8%	1.7%	2.3%	2.1%	1.4%	1.2%	1.2%	1.2%	1.3%	1.1%	1.0%	
PENLC	3,128	3,128	2,850	2,917	2,984	3,079	3,170	3,240	3,288	3,330	3,386	3,440	3,492	3,538	1.9%
%				2.4%	2.3%	3.2%	3.0%	2.2%	1.5%	1.3%	1.7%	1.6%	1.5%	1.3%	
PEPCO	7,023	7,024	6,870	6,876	6,940	7,056	7,149	7,187	7,234	7,283	7,345	7,419	7,458	7,494	0.9%
%				0.1%	0.9%	1.7%	1.3%	0.5%	0.7%	0.7%	0.9%	1.0%	0.5%	0.5%	
PL	7,527	7,527	7,180	7,243	7,375	7,548	7,701	7,806	7,866	7,939	8,035	8,147	8,222	8,303	1.4%
%				0.9%	1.8%	2.3%	2.0%	1.4%	0.8%	0.9%	1.2%	1.4%	0.9%	1.0%	
PS	10,933	10,998	10,530	10,575	10,707	10,877	11,037	11,147	11,217	11,269	11,359	11,450	11,522	11,588	0.9%
%				0.4%	1.2%	1.6%	1.5%	1.0%	0.6%	0.5%	0.8%	0.8%	0.6%	0.6%	
RECO	436	436	420	419	425	433	440	445	448	451	454	458	461	464	1.0%
%				-0.2%	1.4%	1.9%	1.6%	1.1%	0.7%	0.7%	0.7%	0.9%	0.7%	0.7%	
UGI	216	216	190	195	197	201	205	207	209	210	212	214	215	217	1.1%
%				2.6%	1.0%	2.0%	2.0%	1.0%	1.0%	0.5%	1.0%	0.9%	0.5%	0.9%	
DIVERSITY - MID-ATLANTIC (-)				802	573	545	529	449	508	584	498	581	541	486	
PJM MID-ATLANTIC	61,662	63,115	59,320	59,457	60,569	61,883	63,083	63,948	64,471	64,954	65,733	66,408	67,032	67,648	1.3%
%				0.2%	1.9%	2.2%	1.9%	1.4%	0.8%	0.7%	1.2%	1.0%	0.9%	0.9%	
FE-EAST	12,810	13,002	11,800	11,955	12,192	12,508	12,792	13,018	13,162	13,314	13,482	13,645	13,801	13,958	1.6%
%				1.3%	2.0%	2.6%	2.3%	1.8%	1.1%	1.2%	1.3%	1.2%	1.1%	1.1%	
PLGRP	7,737	7,738	7,340	7,405	7,549	7,720	7,871	7,985	8,051	8,126	8,225	8,332	8,406	8,497	1.4%
%				0.9%	1.9%	2.3%	2.0%	1.4%	0.8%	0.9%	1.2%	1.3%	0.9%	1.1%	

Note:

Normal 2011 and all forecast values are non-coincident as estimated by PJM staff.

Normal 2011 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  
2023-2027

		2023	2024	2025	2026	2027	Annual Growth Rate (15 yr)
AE		3,037	3,059	3,082	3,106	3,130	1.0%
	%	0.7%	0.7%	0.8%	0.8%	0.8%	
BGE		8,157	8,234	8,310	8,390	8,457	1.1%
	%	0.9%	0.9%	0.9%	1.0%	0.8%	
DPL		4,748	4,808	4,863	4,914	4,961	1.3%
	%	1.1%	1.3%	1.1%	1.0%	1.0%	
JCPL		7,122	7,183	7,249	7,313	7,377	1.1%
	%	0.8%	0.9%	0.9%	0.9%	0.9%	
METED		3,555	3,599	3,648	3,694	3,739	1.5%
	%	1.2%	1.2%	1.4%	1.3%	1.2%	
PECO		10,263	10,376	10,488	10,596	10,700	1.3%
	%	1.1%	1.1%	1.1%	1.0%	1.0%	
PENLC		3,586	3,632	3,682	3,729	3,773	1.7%
	%	1.4%	1.3%	1.4%	1.3%	1.2%	
PEPCO		7,540	7,596	7,654	7,699	7,739	0.8%
	%	0.6%	0.7%	0.8%	0.6%	0.5%	
PL		8,364	8,452	8,550	8,636	8,703	1.2%
	%	0.7%	1.1%	1.2%	1.0%	0.8%	
PS		11,640	11,727	11,804	11,878	11,952	0.8%
	%	0.4%	0.7%	0.7%	0.6%	0.6%	
RECO		467	470	473	476	480	0.9%
	%	0.6%	0.6%	0.6%	0.6%	0.8%	
UGI		218	219	221	223	224	0.9%
	%	0.5%	0.5%	0.9%	0.9%	0.4%	
DIVERSITY - MID-ATLANTIC (-)		506	518	580	599	568	
PJM MID-ATLANTIC		68,191	68,837	69,444	70,055	70,667	1.2%
	%	0.8%	0.9%	0.9%	0.9%	0.9%	
FE-EAST		14,103	14,257	14,420	14,571	14,720	1.4%
	%	1.0%	1.1%	1.1%	1.0%	1.0%	
PLGRP		8,564	8,648	8,749	8,828	8,896	1.2%
	%	0.8%	1.0%	1.2%	0.9%	0.8%	

Table B-1

SUMMER PEAK LOAD (MW) AND GROWTH RATES FOR  
EACH PJM WESTERN AND PJM SOUTHERN ZONE, GEOGRAPHIC REGIONS AND RTO  
2012-2022

		METERED 2011	UNRESTRICTED 2011	NORMAL 2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	Annual Growth Rate (10 yr)
AEP		24,543	24,546	23,400	23,716	24,073	24,570	25,028	25,334	25,552	25,775	26,006	26,272	26,502	26,709	1.2%
	%				1.4%	1.5%	2.1%	1.9%	1.2%	0.9%	0.9%	0.9%	1.0%	0.9%	0.8%	
APS		8,975	8,975	8,550	8,625	8,762	8,951	9,126	9,248	9,345	9,440	9,539	9,659	9,758	9,850	1.3%
	%				0.9%	1.6%	2.2%	2.0%	1.3%	1.0%	1.0%	1.0%	1.3%	1.0%	0.9%	
ATSI		14,032	14,032	13,160	13,278	13,435	13,661	13,875	14,006	14,083	14,155	14,274	14,399	14,492	14,570	0.9%
	%				0.9%	1.2%	1.7%	1.6%	0.9%	0.5%	0.5%	0.8%	0.9%	0.6%	0.5%	
COMED		23,753	23,753	22,390	22,852	23,274	23,947	24,595	25,052	25,357	25,645	25,981	26,401	26,699	26,997	1.7%
	%				2.1%	1.8%	2.9%	2.7%	1.9%	1.2%	1.1%	1.3%	1.6%	1.1%	1.1%	
DAY		3,580	3,580	3,330	3,382	3,458	3,568	3,676	3,744	3,788	3,833	3,889	3,943	3,988	4,032	1.8%
	%				1.6%	2.2%	3.2%	3.0%	1.8%	1.2%	1.2%	1.5%	1.4%	1.1%	1.1%	
DEOK		5,642	5,642	5,520	5,592	5,685	5,819	5,945	6,011	6,068	6,123	6,199	6,281	6,330	6,385	1.3%
	%				1.3%	1.7%	2.4%	2.2%	1.1%	0.9%	0.9%	1.2%	1.3%	0.8%	0.9%	
DLCO		3,012	3,070	2,920	2,935	2,980	3,045	3,102	3,132	3,158	3,181	3,210	3,246	3,270	3,289	1.1%
	%				0.5%	1.5%	2.2%	1.9%	1.0%	0.8%	0.7%	0.9%	1.1%	0.7%	0.6%	
DIVERSITY - WESTERN (-) PJM WESTERN		83,310	83,318	77,650	1,689	1,737	1,769	1,901	1,828	1,822	1,869	1,914	2,081	2,019	2,016	
	%				78,691	79,930	81,792	83,446	84,699	85,529	86,283	87,184	88,120	89,020	89,816	1.3%
					1.3%	1.6%	2.3%	2.0%	1.5%	1.0%	0.9%	1.0%	1.1%	1.0%	0.9%	
DOM		20,085	20,147	19,250	19,550	19,980	20,598	21,164	21,544	21,871	22,193	22,562	22,937	23,239	23,537	1.9%
	%				1.6%	2.2%	3.1%	2.7%	1.8%	1.5%	1.5%	1.7%	1.7%	1.3%	1.3%	
DIVERSITY - INTERREGIONAL (-) PJM RTO		163,684	163,762	151,995	3,916	4,225	4,431	4,525	4,500	4,438	4,398	4,619	4,672	4,653	4,581	
	%				153,782	156,254	159,842	163,168	165,691	167,433	169,032	170,860	172,793	174,638	176,420	1.4%
					1.2%	1.6%	2.3%	2.1%	1.5%	1.1%	1.0%	1.1%	1.1%	1.1%	1.0%	

Note:

Normal 2011 and all forecast values are non-coincident as estimated by PJM staff.

Normal 2011 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 REGIONS AND RTO  
2023-2027

		2023	2024	2025	2026	2027	Annual Growth Rate (15 yr)
AEP		26,937	27,193	27,449	27,699	27,932	1.1%
	%	0.9%	1.0%	0.9%	0.9%	0.8%	
APS		9,951	10,059	10,167	10,279	10,381	1.2%
	%	1.0%	1.1%	1.1%	1.1%	1.0%	
ATSI		14,657	14,756	14,862	14,961	15,059	0.8%
	%	0.6%	0.7%	0.7%	0.7%	0.7%	
COMED		27,280	27,610	28,004	28,361	28,679	1.5%
	%	1.0%	1.2%	1.4%	1.3%	1.1%	
DAY		4,077	4,138	4,189	4,238	4,283	1.6%
	%	1.1%	1.5%	1.2%	1.2%	1.1%	
DEOK		6,449	6,514	6,581	6,646	6,702	1.2%
	%	1.0%	1.0%	1.0%	1.0%	0.8%	
DLCO		3,313	3,340	3,370	3,395	3,419	1.0%
	%	0.7%	0.8%	0.9%	0.7%	0.7%	
DIVERSITY - WESTERN (-)		2,000	2,105	2,196	2,276	2,220	
PJM WESTERN		90,664	91,505	92,426	93,303	94,235	1.2%
	%	0.9%	0.9%	1.0%	0.9%	1.0%	
DOM		23,871	24,214	24,586	24,928	25,191	1.7%
	%	1.4%	1.4%	1.5%	1.4%	1.1%	
DIVERSITY - INTERREGIONAL (-)		4,541	4,731	4,811	4,774	4,799	
PJM RTO		178,185	179,825	181,645	183,512	185,294	1.3%
	%	1.0%	0.9%	1.0%	1.0%	1.0%	

Table B-2

WINTER PEAK LOAD (MW) AND GROWTH RATES FOR  
EACH PJM MID-ATLANTIC ZONE AND GEOGRAPHIC REGION  
2011/12-2021/22

	METERED	UNRESTRICTED	NORMAL													Annual
	10/11	10/11	10/11	11/12	12/13	13/14	14/15	15/16	16/17	17/18	18/19	19/20	20/21	21/22		Growth Rate
																(10 yr)
AE	1,735	1,735	1,730	1,766	1,780	1,793	1,825	1,852	1,874	1,880	1,892	1,893	1,913	1,925		0.9%
%				2.1%	0.8%	0.7%	1.8%	1.5%	1.2%	0.3%	0.6%	0.1%	1.1%	0.6%		0.6%
BGE	5,904	5,904	5,980	5,983	6,016	6,061	6,129	6,184	6,232	6,259	6,295	6,315	6,353	6,394		0.7%
%				0.1%	0.6%	0.7%	1.1%	0.9%	0.8%	0.4%	0.6%	0.3%	0.6%	0.6%		0.6%
DPL	3,385	3,385	3,350	3,361	3,394	3,424	3,482	3,528	3,567	3,594	3,627	3,648	3,685	3,722		1.0%
%				0.3%	1.0%	0.9%	1.7%	1.3%	1.1%	0.8%	0.9%	0.6%	1.0%	1.0%		1.0%
JCPL	3,802	3,802	3,920	3,946	3,986	4,029	4,124	4,200	4,258	4,286	4,325	4,331	4,398	4,438		1.2%
%				0.7%	1.0%	1.1%	2.4%	1.8%	1.4%	0.7%	0.9%	0.1%	1.5%	0.9%		0.9%
METED	2,581	2,581	2,590	2,623	2,661	2,699	2,762	2,814	2,871	2,898	2,934	2,957	2,994	3,041		1.5%
%				1.3%	1.4%	1.4%	2.3%	1.9%	2.0%	0.9%	1.2%	0.8%	1.3%	1.6%		1.6%
PECO	6,679	6,679	6,710	6,725	6,819	6,930	7,080	7,216	7,333	7,413	7,503	7,566	7,666	7,766		1.4%
%				0.2%	1.4%	1.6%	2.2%	1.9%	1.6%	1.1%	1.2%	0.8%	1.3%	1.3%		1.3%
PENLC	2,920	2,920	2,860	2,890	2,946	3,016	3,113	3,194	3,268	3,314	3,366	3,406	3,460	3,520		2.0%
%				1.0%	1.9%	2.4%	3.2%	2.6%	2.3%	1.4%	1.6%	1.2%	1.6%	1.7%		1.7%
PEPCO	5,503	5,503	5,460	5,448	5,492	5,552	5,629	5,696	5,762	5,804	5,848	5,885	5,926	5,979		0.9%
%				-0.2%	0.8%	1.1%	1.4%	1.2%	1.2%	0.7%	0.8%	0.6%	0.7%	0.9%		0.9%
PL	7,365	7,365	7,280	7,331	7,400	7,484	7,622	7,731	7,837	7,888	7,957	8,004	8,084	8,174		1.1%
%				0.7%	0.9%	1.1%	1.8%	1.4%	1.4%	0.7%	0.9%	0.6%	1.0%	1.1%		1.1%
PS	6,795	6,795	6,900	6,924	6,974	7,019	7,134	7,221	7,311	7,342	7,385	7,395	7,462	7,521		0.8%
%				0.3%	0.7%	0.6%	1.6%	1.2%	1.2%	0.4%	0.6%	0.1%	0.9%	0.8%		0.8%
RECO	239	239	240	237	239	241	243	246	248	250	252	255	257	259		0.9%
%				-1.3%	0.8%	0.8%	0.8%	1.2%	0.8%	0.8%	0.8%	1.2%	0.8%	0.8%		0.8%
UGI	198	198	200	199	200	202	205	207	210	210	212	212	214	215		0.8%
%				-0.5%	0.5%	1.0%	1.5%	1.0%	1.4%	0.0%	1.0%	0.0%	0.9%	0.5%		0.5%
DIVERSITY - MID-ATLANTIC (-)				639	639	574	641	623	633	614	643	566	657	619		
PJM MID-ATLANTIC	46,513	46,513	46,540	46,794	47,268	47,876	48,707	49,466	50,138	50,524	50,953	51,301	51,755	52,335		1.1%
%				0.5%	1.0%	1.3%	1.7%	1.6%	1.4%	0.8%	0.8%	0.7%	0.9%	1.1%		1.1%
FE-EAST	9,296	9,296	9,270	9,368	9,512	9,672	9,926	10,144	10,301	10,410	10,528	10,619	10,779	10,907		1.5%
%				1.1%	1.5%	1.7%	2.6%	2.2%	1.5%	1.1%	1.1%	0.9%	1.5%	1.2%		1.2%
PLGRP	7,558	7,558	7,440	7,495	7,564	7,665	7,803	7,917	8,007	8,063	8,128	8,191	8,269	8,353		1.1%
%				0.7%	0.9%	1.3%	1.8%	1.5%	1.1%	0.7%	0.8%	0.8%	1.0%	1.0%		1.0%

Note:

Normal 10/11 and all forecast values are non-coincident as estimated by PJM staff.

Normal 10/11 and all forecast values represent unrestricted peaks, prior to reductions for load management or 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 MID-ATLANTIC ZONE AND GEOGRAPHIC REGION  
2022/23-2026/27

		22/23	23/24	24/25	25/26	26/27	Annual Growth Rate (15 yr)
AE		1,941	1,946	1,949	1,965	1,979	0.8%
	%	0.8%	0.3%	0.2%	0.8%	0.7%	
BGE		6,430	6,461	6,487	6,519	6,558	0.6%
	%	0.6%	0.5%	0.4%	0.5%	0.6%	
DPL		3,757	3,788	3,812	3,846	3,877	1.0%
	%	0.9%	0.8%	0.6%	0.9%	0.8%	
JCPL		4,481	4,510	4,517	4,571	4,621	1.1%
	%	1.0%	0.6%	0.2%	1.2%	1.1%	
METED		3,080	3,109	3,132	3,167	3,201	1.3%
	%	1.3%	0.9%	0.7%	1.1%	1.1%	
PECO		7,847	7,920	7,972	8,049	8,140	1.3%
	%	1.0%	0.9%	0.7%	1.0%	1.1%	
PENLC		3,574	3,620	3,655	3,703	3,748	1.7%
	%	1.5%	1.3%	1.0%	1.3%	1.2%	
PEPCO		6,026	6,068	6,102	6,136	6,171	0.8%
	%	0.8%	0.7%	0.6%	0.6%	0.6%	
PL		8,247	8,300	8,342	8,412	8,480	1.0%
	%	0.9%	0.6%	0.5%	0.8%	0.8%	
PS		7,576	7,606	7,613	7,668	7,729	0.7%
	%	0.7%	0.4%	0.1%	0.7%	0.8%	
RECO		262	264	266	268	270	0.9%
	%	1.2%	0.8%	0.8%	0.8%	0.7%	
UGI		217	218	218	220	221	0.7%
	%	0.9%	0.5%	0.0%	0.9%	0.5%	
DIVERSITY - MID-ATLANTIC (-)		658	635	585	665	660	
PJM MID-ATLANTIC		52,780	53,175	53,480	53,859	54,335	1.0%
	%	0.9%	0.7%	0.6%	0.7%	0.9%	
FE-EAST		11,029	11,141	11,226	11,355	11,491	1.4%
	%	1.1%	1.0%	0.8%	1.1%	1.2%	
PLGRP		8,418	8,476	8,532	8,599	8,668	1.0%
	%	0.8%	0.7%	0.7%	0.8%	0.8%	

Table B-2

**WINTER PEAK LOAD (MW) AND GROWTH RATES FOR  
EACH PJM WESTERN AND PJM SOUTHERN ZONE, GEOGRAPHIC REGION AND RTO  
2011/12-2021/22**

	METERED 10/11	UNRESTRICTED 10/11	NORMAL 10/11	11/12	12/13	13/14	14/15	15/16	16/17	17/18	18/19	19/20	20/21	21/22	Annual Growth Rate (10 yr)
AEP	22,894	22,894	22,830	22,978	23,199	23,453	23,844	24,181	24,496	24,629	24,783	24,908	25,133	25,373	1.0%
%				0.6%	1.0%	1.1%	1.7%	1.4%	1.3%	0.5%	0.6%	0.5%	0.9%	1.0%	
APS	8,643	8,643	8,500	8,523	8,639	8,772	8,950	9,102	9,234	9,321	9,417	9,499	9,613	9,727	1.3%
%				0.3%	1.4%	1.5%	2.0%	1.7%	1.5%	0.9%	1.0%	0.9%	1.2%	1.2%	
ATSI	10,710	10,710	10,710	10,726	10,760	10,821	10,932	11,016	11,131	11,155	11,200	11,208	11,281	11,352	0.6%
%				0.1%	0.3%	0.6%	1.0%	0.8%	1.0%	0.2%	0.4%	0.1%	0.7%	0.6%	
COMED	15,652	15,652	15,840	15,967	16,167	16,362	16,816	17,208	17,544	17,706	17,893	17,968	18,237	18,471	1.5%
%				0.8%	1.3%	1.2%	2.8%	2.3%	2.0%	0.9%	1.1%	0.4%	1.5%	1.3%	
DAY	2,865	2,865	2,920	2,832	2,870	2,918	2,999	3,063	3,113	3,141	3,173	3,193	3,232	3,273	1.5%
%				-3.0%	1.3%	1.7%	2.8%	2.1%	1.6%	0.9%	1.0%	0.6%	1.2%	1.3%	
DEOK	4,378	4,378	4,410	4,440	4,476	4,505	4,567	4,622	4,683	4,712	4,749	4,757	4,792	4,834	0.9%
%				0.7%	0.8%	0.6%	1.4%	1.2%	1.3%	0.6%	0.8%	0.2%	0.7%	0.9%	
DLCO	2,281	2,281	2,180	2,192	2,207	2,221	2,252	2,277	2,312	2,320	2,334	2,330	2,351	2,368	0.8%
%				0.6%	0.7%	0.6%	1.4%	1.1%	1.5%	0.3%	0.6%	-0.2%	0.9%	0.7%	
DIVERSITY - WESTERN (-) PJM WESTERN	66,737	66,737	65,820	66,216	66,907	67,783	69,008	70,037	70,900	71,430	71,962	72,409	73,049	73,739	1.1%
%				0.6%	1.0%	1.3%	1.8%	1.5%	1.2%	0.7%	0.7%	0.6%	0.9%	0.9%	
DOM	17,689	17,689	17,130	17,248	17,549	17,890	18,312	18,700	18,992	19,214	19,476	19,683	19,943	20,211	1.6%
%				0.7%	1.7%	1.9%	2.4%	2.1%	1.6%	1.2%	1.4%	1.1%	1.3%	1.3%	
DIVERSITY - INTERREGIONAL (-) PJM RTO	130,148	130,148	128,180	128,840	130,222	132,160	134,771	136,911	138,567	139,662	140,844	142,018	143,419	144,836	1.2%
%				0.5%	1.1%	1.5%	2.0%	1.6%	1.2%	0.8%	0.8%	0.8%	1.0%	1.0%	

Note:

Normal 10/11 and all forecast values are non-coincident as estimated by PJM staff.

Normal 10/11 and all forecast values represent unrestricted peaks, prior to reductions for load management or 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  
2022/23-2026/27

		22/23	23/24	24/25	25/26	26/27	Annual Growth Rate (15 yr)
AEP		25,609	25,756	25,844	26,035	26,249	0.9%
	%	0.9%	0.6%	0.3%	0.7%	0.8%	
APS		9,835	9,926	10,005	10,109	10,212	1.2%
	%	1.1%	0.9%	0.8%	1.0%	1.0%	
ATSI		11,425	11,440	11,449	11,504	11,563	0.5%
	%	0.6%	0.1%	0.1%	0.5%	0.5%	
COMED		18,721	18,885	18,963	19,186	19,417	1.3%
	%	1.4%	0.9%	0.4%	1.2%	1.2%	
DAY		3,309	3,341	3,360	3,397	3,430	1.3%
	%	1.1%	1.0%	0.6%	1.1%	1.0%	
DEOK		4,876	4,907	4,919	4,951	4,982	0.8%
	%	0.9%	0.6%	0.2%	0.7%	0.6%	
DLCO		2,389	2,397	2,394	2,411	2,427	0.7%
	%	0.9%	0.3%	-0.1%	0.7%	0.7%	
DIVERSITY - WESTERN (-)		1,756	1,669	1,564	1,629	1,705	
PJM WESTERN		74,408	74,983	75,370	75,964	76,575	1.0%
	%	0.9%	0.8%	0.5%	0.8%	0.8%	
DOM		20,473	20,713	20,921	21,146	21,395	1.4%
	%	1.3%	1.2%	1.0%	1.1%	1.2%	
DIVERSITY - INTERREGIONAL (-)		1,545	1,630	1,421	1,317	1,404	
PJM RTO		146,116	147,241	148,350	149,652	150,901	1.1%
	%	0.9%	0.8%	0.8%	0.9%	0.8%	

**Table B-3**

**SPRING (APRIL) PEAK LOAD (MW) FOR  
EACH PJM MID-ATLANTIC ZONE AND GEOGRAPHIC REGION  
2012-2027**

	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>	<b>2017</b>	<b>2018</b>	<b>2019</b>	<b>2020</b>	<b>2021</b>	<b>2022</b>	<b>2023</b>	<b>2024</b>	<b>2025</b>	<b>2026</b>	<b>2027</b>
AE	1,482	1,510	1,541	1,583	1,604	1,614	1,632	1,643	1,675	1,700	1,699	1,701	1,743	1,758	1,774	1,787
BGE	4,813	4,839	4,922	5,067	5,116	5,091	5,176	5,205	5,338	5,411	5,389	5,393	5,492	5,548	5,660	5,715
DPL	2,629	2,659	2,708	2,769	2,795	2,814	2,851	2,884	2,935	2,998	2,992	3,007	3,072	3,103	3,148	3,191
JCPL	3,305	3,353	3,447	3,539	3,592	3,614	3,668	3,695	3,775	3,925	3,873	3,846	4,030	4,062	4,143	4,164
METED	2,268	2,310	2,369	2,438	2,475	2,499	2,534	2,567	2,622	2,662	2,671	2,696	2,745	2,784	2,838	2,870
PECO	5,732	5,830	5,987	6,186	6,259	6,306	6,412	6,478	6,658	6,804	6,762	6,802	6,991	7,074	7,183	7,287
PENLC	2,520	2,577	2,663	2,770	2,832	2,873	2,924	2,965	3,039	3,089	3,119	3,161	3,204	3,247	3,316	3,358
PEPCO	4,490	4,526	4,598	4,699	4,724	4,722	4,789	4,808	4,908	4,978	4,941	4,946	5,034	5,063	5,136	5,193
PL	5,862	5,957	6,083	6,225	6,307	6,355	6,442	6,487	6,607	6,693	6,715	6,746	6,839	6,898	7,007	7,093
PS	6,208	6,294	6,380	6,577	6,590	6,612	6,679	6,700	6,835	6,941	6,878	6,912	7,011	7,049	7,149	7,240
RECO	217	220	225	231	233	235	238	240	242	244	246	248	251	253	255	257
UGI	154	155	158	162	164	164	166	167	170	172	171	172	176	176	178	179
DIVERSITY - MID-ATLANTIC (-)	1,590	1,410	1,524	1,758	1,885	1,600	1,490	1,331	1,734	2,110	1,655	1,498	1,257	1,168	1,827	2,141
PJM MID-ATLANTIC	38,090	38,820	39,557	40,488	40,806	41,299	42,021	42,508	43,070	43,507	43,801	44,132	45,331	45,847	45,960	46,193
FE-EAST	7,790	7,993	8,215	8,458	8,604	8,719	8,850	9,008	9,156	9,342	9,371	9,460	9,716	9,823	9,961	10,070
PLGRP	5,860	5,978	6,106	6,218	6,311	6,378	6,466	6,544	6,604	6,684	6,740	6,789	6,914	6,976	7,028	7,106

**Table B-3**

**SPRING (APRIL) PEAK LOAD (MW) FOR  
EACH PJM WESTERN AND PJM SOUTHERN ZONE, GEOGRAPHIC REGION AND RTO  
2012-2027**

	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>	<b>2017</b>	<b>2018</b>	<b>2019</b>	<b>2020</b>	<b>2021</b>	<b>2022</b>	<b>2023</b>	<b>2024</b>	<b>2025</b>	<b>2026</b>	<b>2027</b>
AEP	18,780	19,007	19,341	19,774	20,039	20,138	20,379	20,461	20,777	20,964	21,079	21,183	21,362	21,503	21,828	22,060
APS	6,898	7,011	7,149	7,333	7,420	7,489	7,582	7,649	7,787	7,885	7,923	7,969	8,074	8,145	8,292	8,393
ATSI	9,524	9,592	9,762	10,001	9,977	9,989	10,066	10,078	10,322	10,372	10,294	10,317	10,491	10,595	10,723	10,696
COMED	13,878	14,204	14,736	15,338	15,619	15,734	16,145	16,346	16,766	17,044	17,087	17,210	17,713	17,990	18,327	18,643
DAY	2,338	2,383	2,464	2,567	2,618	2,644	2,688	2,715	2,779	2,826	2,842	2,865	2,926	2,961	3,017	3,050
DEOK	3,782	3,827	3,908	4,019	4,046	4,073	4,129	4,154	4,267	4,322	4,305	4,333	4,392	4,438	4,540	4,587
DLCO	1,992	2,030	2,068	2,139	2,142	2,128	2,186	2,196	2,249	2,278	2,244	2,244	2,298	2,314	2,357	2,389
DIVERSITY - WESTERN (-)	2,120	2,147	2,234	2,753	2,381	2,377	2,570	2,456	2,840	2,910	2,825	2,831	2,793	2,488	3,335	3,426
PJM WESTERN	55,072	55,907	57,194	58,418	59,480	59,818	60,605	61,143	62,107	62,781	62,949	63,290	64,463	65,458	65,749	66,392
DOM	13,510	13,848	14,210	14,688	15,001	15,177	15,449	15,686	16,091	16,377	16,501	16,629	16,989	17,242	17,590	17,855
DIVERSITY - INTERREGIONAL (-)	2,291	2,415	2,106	1,452	2,036	2,311	2,178	2,075	1,866	1,595	2,029	2,326	2,253	2,829	1,274	1,636
PJM RTO	104,381	106,160	108,855	112,142	113,251	113,983	115,897	117,262	119,402	121,070	121,222	121,725	124,530	125,718	128,025	128,804

**Table B-4**

**FALL (OCTOBER) PEAK LOAD (MW) FOR  
EACH PJM MID-ATLANTIC ZONE AND GEOGRAPHIC REGION  
2012-2027**

	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>	<b>2017</b>	<b>2018</b>	<b>2019</b>	<b>2020</b>	<b>2021</b>	<b>2022</b>	<b>2023</b>	<b>2024</b>	<b>2025</b>	<b>2026</b>	<b>2027</b>
AE	1,548	1,575	1,618	1,645	1,669	1,688	1,709	1,725	1,732	1,745	1,766	1,786	1,806	1,822	1,835	1,841
BGE	4,685	4,752	4,838	4,892	4,938	5,009	5,082	5,125	5,125	5,144	5,234	5,331	5,396	5,438	5,466	5,453
DPL	2,609	2,648	2,709	2,743	2,763	2,820	2,861	2,895	2,914	2,933	2,984	3,039	3,094	3,120	3,140	3,137
JCPL	3,446	3,519	3,610	3,667	3,720	3,774	3,861	3,907	3,903	3,934	3,988	4,063	4,144	4,181	4,206	4,211
METED	2,182	2,231	2,294	2,335	2,379	2,419	2,460	2,494	2,517	2,541	2,595	2,638	2,681	2,712	2,736	2,747
PECO	5,793	5,911	6,046	6,158	6,223	6,369	6,523	6,609	6,628	6,694	6,793	6,913	7,041	7,084	7,144	7,191
PENLC	2,533	2,601	2,686	2,758	2,832	2,879	2,932	2,983	3,007	3,052	3,123	3,172	3,226	3,254	3,288	3,320
PEPCO	4,637	4,665	4,736	4,775	4,794	4,856	4,949	4,965	4,974	4,988	5,027	5,098	5,181	5,211	5,223	5,197
PL	5,717	5,791	5,913	6,030	6,103	6,178	6,244	6,307	6,371	6,426	6,513	6,596	6,679	6,728	6,798	6,806
PS	6,670	6,771	6,887	6,944	6,918	7,066	7,171	7,227	7,223	7,198	7,258	7,383	7,519	7,528	7,551	7,506
RECO	241	245	249	251	252	255	262	264	262	262	264	268	274	275	275	273
UGI	153	156	159	161	163	165	166	166	167	168	172	173	174	175	176	175
DIVERSITY - MID-ATLANTIC (-)	1,251	1,254	1,336	1,228	1,336	1,353	1,472	1,486	1,256	1,245	1,318	1,421	1,429	1,428	1,358	1,346
PJM MID-ATLANTIC	38,963	39,611	40,409	41,131	41,418	42,125	42,748	43,181	43,567	43,840	44,399	45,039	45,786	46,100	46,480	46,511
FE-EAST	7,978	8,148	8,385	8,578	8,719	8,860	9,006	9,129	9,227	9,321	9,505	9,684	9,851	9,954	10,051	10,043
PLGRP	5,845	5,918	6,036	6,169	6,249	6,315	6,378	6,434	6,516	6,580	6,657	6,734	6,813	6,860	6,943	6,969

**Table B-4**

**FALL (OCTOBER) PEAK LOAD (MW) FOR  
EACH PJM WESTERN AND PJM SOUTHERN ZONE, GEOGRAPHIC REGION AND RTO  
2012-2027**

	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>	<b>2017</b>	<b>2018</b>	<b>2019</b>	<b>2020</b>	<b>2021</b>	<b>2022</b>	<b>2023</b>	<b>2024</b>	<b>2025</b>	<b>2026</b>	<b>2027</b>
AEP	18,210	18,467	18,798	18,971	19,219	19,461	19,667	19,773	19,818	19,906	20,176	20,462	20,619	20,770	20,862	20,921
APS	6,629	6,737	6,907	6,989	7,122	7,182	7,300	7,349	7,405	7,469	7,614	7,693	7,797	7,886	7,948	7,961
ATSI	9,227	9,330	9,464	9,531	9,612	9,704	9,769	9,820	9,834	9,864	10,009	10,107	10,205	10,259	10,282	10,204
COMED	13,993	14,367	14,924	15,308	15,549	15,873	16,191	16,440	16,612	16,794	17,077	17,450	17,771	18,011	18,207	18,310
DAY	2,338	2,395	2,484	2,544	2,590	2,637	2,681	2,716	2,736	2,764	2,821	2,884	2,935	2,969	2,996	2,990
DEOK	3,834	3,893	3,980	4,040	4,075	4,146	4,205	4,242	4,272	4,299	4,346	4,420	4,477	4,519	4,547	4,557
DLCO	1,953	1,987	2,031	2,058	2,071	2,102	2,128	2,147	2,155	2,160	2,183	2,217	2,245	2,261	2,268	2,263
DIVERSITY - WESTERN (-)	1,444	1,488	1,770	1,559	1,609	1,711	1,876	1,826	1,713	1,725	1,800	2,040	2,088	2,170	2,108	1,975
PJM WESTERN	54,740	55,688	56,818	57,882	58,629	59,394	60,065	60,661	61,119	61,531	62,426	63,193	63,961	64,505	65,002	65,231
DOM	13,679	14,031	14,490	14,818	15,128	15,425	15,719	15,966	16,150	16,364	16,663	16,970	17,267	17,478	17,677	17,836
DIVERSITY - INTERREGIONAL (-)	1,697	1,888	1,771	1,965	1,824	2,047	2,086	2,090	2,219	2,107	2,131	1,920	1,997	1,911	1,941	2,358
PJM RTO	105,685	107,442	109,946	111,866	113,351	114,897	116,446	117,718	118,617	119,628	121,357	123,282	125,017	126,172	127,218	127,220

Table B-5

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

	<b>AE</b>	<b>BGE</b>	<b>DPL</b>	<b>JCPL</b>	<b>METED</b>	<b>PECO</b>	<b>PENLC</b>	<b>PEPCO</b>	<b>PL</b>	<b>PS</b>	<b>RECO</b>	<b>UGI</b>	<b>MID-ATLANTIC DIVERSITY</b>	<b>PJM MID- ATLANTIC</b>
Jan 2012	1,759	5,983	3,361	3,914	2,623	6,725	2,890	5,448	7,331	6,893	230	199	562	46,794
Feb 2012	1,684	5,745	3,235	3,722	2,566	6,483	2,820	5,247	7,081	6,638	219	190	481	45,149
Mar 2012	1,555	5,130	2,868	3,498	2,405	5,957	2,653	4,610	6,407	6,235	218	171	1,105	40,602
Apr 2012	1,482	4,813	2,629	3,305	2,268	5,732	2,520	4,490	5,862	6,208	217	154	1,590	38,090
May 2012	1,814	5,623	3,055	4,398	2,432	6,786	2,457	5,515	5,920	8,121	321	149	1,545	45,046
Jun 2012	2,367	6,679	3,721	5,649	2,810	8,254	2,814	6,485	6,844	9,822	389	180	888	55,126
Jul 2012	2,703	7,221	4,111	6,244	2,974	8,781	2,917	6,876	7,243	10,575	419	195	802	59,457
Aug 2012	2,597	6,984	3,927	5,728	2,877	8,519	2,875	6,684	7,032	9,876	383	187	457	57,212
Sep 2012	2,142	6,157	3,360	4,858	2,523	7,300	2,641	5,867	6,360	8,703	327	167	733	49,672
Oct 2012	1,548	4,685	2,609	3,446	2,182	5,793	2,533	4,637	5,717	6,670	241	153	1,251	38,963
Nov 2012	1,533	4,824	2,715	3,508	2,292	5,928	2,661	4,482	6,231	6,343	222	170	416	40,493
Dec 2012	1,780	5,680	3,197	3,986	2,594	6,632	2,911	5,181	7,065	6,967	239	199	495	45,936
	<b>AE</b>	<b>BGE</b>	<b>DPL</b>	<b>JCPL</b>	<b>METED</b>	<b>PECO</b>	<b>PENLC</b>	<b>PEPCO</b>	<b>PL</b>	<b>PS</b>	<b>RECO</b>	<b>UGI</b>	<b>DIVERSITY</b>	<b>MID-ATLANTIC</b>
Jan 2013	1,779	6,016	3,394	3,966	2,661	6,819	2,946	5,492	7,400	6,974	232	200	611	47,268
Feb 2013	1,703	5,776	3,265	3,772	2,596	6,560	2,871	5,279	7,124	6,707	221	191	629	45,436
Mar 2013	1,571	5,126	2,888	3,521	2,436	6,034	2,703	4,617	6,477	6,273	220	172	1,074	40,964
Apr 2013	1,510	4,839	2,659	3,353	2,310	5,830	2,577	4,526	5,957	6,294	220	155	1,410	38,820
May 2013	1,845	5,668	3,093	4,473	2,474	6,901	2,517	5,561	6,016	8,203	324	151	1,535	45,691
Jun 2013	2,394	6,671	3,738	5,712	2,855	8,321	2,859	6,480	6,928	9,814	388	182	788	55,554
Jul 2013	2,734	7,314	4,166	6,338	3,030	8,932	2,984	6,940	7,375	10,707	425	197	573	60,569
Aug 2013	2,624	7,007	3,972	5,799	2,928	8,628	2,924	6,707	7,127	9,937	384	188	428	57,797
Sep 2013	2,184	6,254	3,421	4,983	2,599	7,471	2,717	5,961	6,460	8,847	333	172	676	50,726
Oct 2013	1,575	4,752	2,648	3,519	2,231	5,911	2,601	4,665	5,791	6,771	245	156	1,254	39,611
Nov 2013	1,540	4,831	2,719	3,522	2,315	6,005	2,711	4,513	6,244	6,390	224	171	514	40,671
Dec 2013	1,773	5,665	3,191	3,979	2,599	6,675	2,946	5,200	7,080	6,927	241	198	480	45,994
	<b>AE</b>	<b>BGE</b>	<b>DPL</b>	<b>JCPL</b>	<b>METED</b>	<b>PECO</b>	<b>PENLC</b>	<b>PEPCO</b>	<b>PL</b>	<b>PS</b>	<b>RECO</b>	<b>UGI</b>	<b>DIVERSITY</b>	<b>MID-ATLANTIC</b>
Jan 2014	1,793	6,061	3,424	4,029	2,699	6,930	3,016	5,552	7,484	7,019	234	202	567	47,876
Feb 2014	1,718	5,817	3,293	3,839	2,636	6,679	2,945	5,325	7,216	6,762	223	193	663	45,983
Mar 2014	1,587	5,186	2,923	3,592	2,487	6,169	2,778	4,669	6,578	6,352	222	174	1,120	41,597
Apr 2014	1,541	4,922	2,708	3,447	2,369	5,987	2,663	4,598	6,083	6,380	225	158	1,524	39,557
May 2014	1,878	5,752	3,147	4,566	2,529	7,051	2,586	5,607	6,125	8,301	329	153	1,609	46,415
Jun 2014	2,443	6,809	3,840	5,819	2,932	8,509	2,948	6,568	7,085	9,998	396	185	816	56,716
Jul 2014	2,793	7,457	4,256	6,474	3,113	9,141	3,079	7,056	7,548	10,877	433	201	545	61,883
Aug 2014	2,677	7,127	4,038	5,908	3,004	8,797	3,011	6,781	7,279	10,060	390	191	430	58,833
Sep 2014	2,236	6,388	3,498	5,118	2,673	7,688	2,809	6,060	6,603	9,047	341	175	666	51,970
Oct 2014	1,618	4,838	2,709	3,610	2,294	6,046	2,686	4,736	5,913	6,887	249	159	1,336	40,409
Nov 2014	1,575	4,913	2,768	3,609	2,377	6,155	2,799	4,583	6,351	6,507	226	174	542	41,495
Dec 2014	1,822	5,774	3,279	4,116	2,681	6,891	3,050	5,328	7,278	7,102	243	203	570	47,197

Table B-5

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

	AEP	APS	ATSI	COMED	DAY	DEOK	DLCO	WESTERN DIVERSITY (w ATSI, DEOK)	PJM WESTERN (w ATSI, DEOK)	DOM	INTERREGION DIVERSITY	PJM RTO
Jan 2012	22,978	8,523	10,664	15,737	2,832	4,440	2,184	1,142	66,216	17,248	1,418	128,840
Feb 2012	22,178	8,226	10,417	15,198	2,724	4,268	2,113	1,200	63,924	16,606	1,942	123,737
Mar 2012	20,319	7,448	9,907	14,066	2,461	3,847	1,990	1,307	58,731	14,506	2,017	111,822
Apr 2012	18,780	6,898	9,524	13,878	2,338	3,782	1,992	2,120	55,072	13,510	2,291	104,381
May 2012	19,696	6,916	10,228	16,558	2,635	4,446	2,315	2,114	60,680	15,571	3,995	117,302
Jun 2012	22,837	8,209	12,622	21,332	3,180	5,345	2,808	2,307	74,026	18,349	4,473	143,028
Jul 2012	23,716	8,625	13,278	22,852	3,382	5,592	2,935	1,689	78,691	19,550	3,916	153,782
Aug 2012	23,436	8,354	12,801	22,285	3,314	5,506	2,853	1,968	76,581	19,108	5,344	147,557
Sep 2012	20,809	7,550	11,091	18,747	2,923	4,910	2,543	1,850	66,723	16,685	3,917	129,163
Oct 2012	18,210	6,629	9,227	13,993	2,338	3,834	1,953	1,444	54,740	13,679	1,697	105,685
Nov 2012	19,467	7,160	9,686	14,309	2,458	3,838	1,995	712	58,201	13,843	769	111,768
Dec 2012	22,110	8,249	10,760	16,167	2,788	4,357	2,207	933	65,705	16,448	1,688	126,401
	AEP	APS	ATSI	COMED	DAY	DEOK	DLCO	DIVERSITY	WESTERN	DOM	DIVERSITY	PJM RTO
Jan 2013	23,199	8,639	10,717	15,980	2,870	4,476	2,203	1,177	66,907	17,549	1,502	130,222
Feb 2013	22,397	8,336	10,469	15,427	2,764	4,303	2,130	1,224	64,602	16,892	1,869	125,061
Mar 2013	20,499	7,541	9,916	14,259	2,493	3,868	2,003	1,231	59,348	14,758	1,832	113,238
Apr 2013	19,007	7,011	9,592	14,204	2,383	3,827	2,030	2,147	55,907	13,848	2,415	106,160
May 2013	19,944	7,024	10,322	16,917	2,689	4,494	2,349	2,147	61,592	15,887	4,094	119,076
Jun 2013	22,956	8,290	12,677	21,420	3,224	5,384	2,825	2,269	74,507	18,681	4,204	144,538
Jul 2013	24,073	8,762	13,435	23,274	3,458	5,685	2,980	1,737	79,930	19,980	4,225	156,254
Aug 2013	23,636	8,460	12,885	22,464	3,369	5,566	2,877	1,846	77,411	19,483	4,961	149,730
Sep 2013	21,260	7,689	11,266	19,260	3,015	5,007	2,602	1,632	68,467	17,117	4,546	131,764
Oct 2013	18,467	6,737	9,330	14,367	2,395	3,893	1,987	1,488	55,688	14,031	1,888	107,442
Nov 2013	19,579	7,215	9,689	14,525	2,483	3,861	2,007	895	58,464	14,043	773	112,405
Dec 2013	22,092	8,281	10,727	16,362	2,790	4,338	2,199	879	65,910	16,591	1,725	126,770
	AEP	APS	ATSI	COMED	DAY	DEOK	DLCO	DIVERSITY	WESTERN	DOM	DIVERSITY	PJM RTO
Jan 2014	23,453	8,772	10,821	16,335	2,918	4,505	2,221	1,242	67,783	17,890	1,389	132,160
Feb 2014	22,598	8,463	10,581	15,805	2,815	4,334	2,152	1,264	65,484	17,180	1,687	126,960
Mar 2014	20,783	7,664	10,037	14,684	2,551	3,919	2,037	1,196	60,479	15,065	1,703	115,438
Apr 2014	19,341	7,149	9,762	14,736	2,464	3,908	2,068	2,234	57,194	14,210	2,106	108,855
May 2014	20,225	7,104	10,421	17,336	2,767	4,573	2,385	2,335	62,476	16,283	3,540	121,634
Jun 2014	23,438	8,509	12,954	22,126	3,322	5,502	2,883	2,262	76,472	19,133	3,605	148,716
Jul 2014	24,570	8,951	13,661	23,947	3,568	5,819	3,045	1,769	81,792	20,598	4,431	159,842
Aug 2014	24,029	8,634	13,056	23,026	3,459	5,674	2,925	1,735	79,068	19,952	4,892	152,961
Sep 2014	21,789	7,910	11,536	19,904	3,142	5,178	2,662	1,752	70,369	17,682	3,915	136,106
Oct 2014	18,798	6,907	9,464	14,924	2,484	3,980	2,031	1,770	56,818	14,490	1,771	109,946
Nov 2014	19,902	7,393	9,822	15,005	2,569	3,937	2,045	1,054	59,619	14,407	821	114,700
Dec 2014	22,645	8,525	10,879	16,816	2,891	4,432	2,241	977	67,452	17,133	1,472	130,310

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

	<b>FE-EAST</b>	<b>PLGRP</b>
Jan 2012	9,368	7,495
Feb 2012	9,074	7,249
Mar 2012	8,302	6,466
Apr 2012	7,790	5,860
May 2012	8,982	5,955
Jun 2012	11,018	6,989
Jul 2012	11,955	7,405
Aug 2012	11,313	7,219
Sep 2012	9,856	6,519
Oct 2012	7,978	5,845
Nov 2012	8,395	6,399
Dec 2012	9,476	7,242
	<b>FE-EAST</b>	<b>PLGRP</b>
Jan 2013	9,512	7,564
Feb 2013	9,174	7,284
Mar 2013	8,456	6,555
Apr 2013	7,993	5,978
May 2013	9,166	6,063
Jun 2013	11,111	7,082
Jul 2013	12,192	7,549
Aug 2013	11,473	7,315
Sep 2013	10,142	6,623
Oct 2013	8,148	5,918
Nov 2013	8,469	6,403
Dec 2013	9,486	7,272
	<b>FE-EAST</b>	<b>PLGRP</b>
Jan 2014	9,672	7,665
Feb 2014	9,319	7,387
Mar 2014	8,668	6,663
Apr 2014	8,215	6,106
May 2014	9,416	6,186
Jun 2014	11,449	7,253
Jul 2014	12,508	7,720
Aug 2014	11,765	7,470
Sep 2014	10,434	6,778
Oct 2014	8,385	6,036
Nov 2014	8,696	6,507
Dec 2014	9,798	7,453

Note: FE-EAST contains JCPL, METED, and PENLC zones; PLGRP contains PL and UGI zones.

TABLE B-7

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

	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027
AE																
CONTRACTUALLY INTERRUPTIBLE	79	113	187	187	187	187	187	187	187	187	187	187	187	187	187	187
DIRECT CONTROL	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12
TOTAL LOAD MANAGEMENT	91	125	199	199	199	199	199	199	199	199	199	199	199	199	199	199
BGE																
CONTRACTUALLY INTERRUPTIBLE	753	546	777	777	777	777	777	777	777	777	777	777	777	777	777	777
DIRECT CONTROL	521	521	521	521	521	521	521	521	521	521	521	521	521	521	521	521
TOTAL LOAD MANAGEMENT	1,274	1,067	1,298	1,298	1,298	1,298	1,298	1,298	1,298	1,298	1,298	1,298	1,298	1,298	1,298	1,298
DPL																
CONTRACTUALLY INTERRUPTIBLE	264	229	360	360	360	360	360	360	360	360	360	360	360	360	360	360
DIRECT CONTROL	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19
TOTAL LOAD MANAGEMENT	283	248	379	379	379	379	379	379	379	379	379	379	379	379	379	379
JCPL																
CONTRACTUALLY INTERRUPTIBLE	304	270	402	402	402	402	402	402	402	402	402	402	402	402	402	402
DIRECT CONTROL	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28
TOTAL LOAD MANAGEMENT	332	298	430	430	430	430	430	430	430	430	430	430	430	430	430	430
METED																
CONTRACTUALLY INTERRUPTIBLE	243	306	384	384	384	384	384	384	384	384	384	384	384	384	384	384
DIRECT CONTROL	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
TOTAL LOAD MANAGEMENT	245	308	386	386	386	386	386	386	386	386	386	386	386	386	386	386
PECO																
CONTRACTUALLY INTERRUPTIBLE	554	622	770	770	770	770	770	770	770	770	770	770	770	770	770	770
DIRECT CONTROL	34	34	34	34	34	34	34	34	34	34	34	34	34	34	34	34
TOTAL LOAD MANAGEMENT	588	656	804	804	804	804	804	804	804	804	804	804	804	804	804	804
PENLC																
CONTRACTUALLY INTERRUPTIBLE	260	399	416	416	416	416	416	416	416	416	416	416	416	416	416	416
DIRECT CONTROL	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8
TOTAL LOAD MANAGEMENT	268	407	424	424	424	424	424	424	424	424	424	424	424	424	424	424
PEPCO																
CONTRACTUALLY INTERRUPTIBLE	372	453	787	787	787	787	787	787	787	787	787	787	787	787	787	787
DIRECT CONTROL	77	77	77	77	77	77	77	77	77	77	77	77	77	77	77	77
TOTAL LOAD MANAGEMENT	449	530	864	864	864	864	864	864	864	864	864	864	864	864	864	864
PL																
CONTRACTUALLY INTERRUPTIBLE	770	995	1,257	1,257	1,257	1,257	1,257	1,257	1,257	1,257	1,257	1,257	1,257	1,257	1,257	1,257
DIRECT CONTROL	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL LOAD MANAGEMENT	770	995	1,257	1,257	1,257	1,257	1,257	1,257	1,257	1,257	1,257	1,257	1,257	1,257	1,257	1,257
PS																
CONTRACTUALLY INTERRUPTIBLE	418	1,082	869	869	869	869	869	869	869	869	869	869	869	869	869	869
DIRECT CONTROL	64	64	64	64	64	64	64	64	64	64	64	64	64	64	64	64
TOTAL LOAD MANAGEMENT	482	1,146	933	933	933	933	933	933	933	933	933	933	933	933	933	933
RECO																
CONTRACTUALLY INTERRUPTIBLE	3	33	30	30	30	30	30	30	30	30	30	30	30	30	30	30
DIRECT CONTROL	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL LOAD MANAGEMENT	3	33	30	30	30	30	30	30	30	30	30	30	30	30	30	30
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	4,020	5,048	6,239	6,239	6,239	6,239	6,239	6,239	6,239	6,239	6,239	6,239	6,239	6,239	6,239	6,239
DIRECT CONTROL	765	765	765	765	765	765	765	765	765	765	765	765	765	765	765	765
TOTAL LOAD MANAGEMENT	4,785	5,813	7,004	7,004	7,004	7,004	7,004	7,004	7,004	7,004	7,004	7,004	7,004	7,004	7,004	7,004

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

TABLE B-7

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

	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027
<b>AEP</b>																
CONTRACTUALLY INTERRUPTIBLE	1,264	1,312	2,021	2,021	2,021	2,021	2,021	2,021	2,021	2,021	2,021	2,021	2,021	2,021	2,021	2,021
DIRECT CONTROL	27	27	27	27	27	27	27	27	27	27	27	27	27	27	27	27
TOTAL LOAD MANAGEMENT	1,291	1,339	2,048	2,048	2,048	2,048	2,048	2,048	2,048	2,048	2,048	2,048	2,048	2,048	2,048	2,048
<b>APS</b>																
CONTRACTUALLY INTERRUPTIBLE	328	535	857	857	857	857	857	857	857	857	857	857	857	857	857	857
DIRECT CONTROL	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
TOTAL LOAD MANAGEMENT	329	536	858	858	858	858	858	858	858	858	858	858	858	858	858	858
<b>ATSI</b>																
CONTRACTUALLY INTERRUPTIBLE	562	397	925	925	925	925	925	925	925	925	925	925	925	925	925	925
DIRECT CONTROL	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL LOAD MANAGEMENT	562	397	925	925	925	925	925	925	925	925	925	925	925	925	925	925
<b>COMED</b>																
CONTRACTUALLY INTERRUPTIBLE	680	866	1,414	1,414	1,414	1,414	1,414	1,414	1,414	1,414	1,414	1,414	1,414	1,414	1,414	1,414
DIRECT CONTROL	72	72	72	72	72	72	72	72	72	72	72	72	72	72	72	72
TOTAL LOAD MANAGEMENT	752	938	1,486	1,486	1,486	1,486	1,486	1,486	1,486	1,486	1,486	1,486	1,486	1,486	1,486	1,486
<b>DAY</b>																
CONTRACTUALLY INTERRUPTIBLE	119	48	222	222	222	222	222	222	222	222	222	222	222	222	222	222
DIRECT CONTROL	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
TOTAL LOAD MANAGEMENT	122	51	225	225	225	225	225	225	225	225	225	225	225	225	225	225
<b>DEOK</b>																
CONTRACTUALLY INTERRUPTIBLE	4	0	41	41	41	41	41	41	41	41	41	41	41	41	41	41
DIRECT CONTROL	47	47	47	47	47	47	47	47	47	47	47	47	47	47	47	47
TOTAL LOAD MANAGEMENT	51	47	88	88	88	88	88	88	88	88	88	88	88	88	88	88
<b>DLCO</b>																
CONTRACTUALLY INTERRUPTIBLE	94	172	215	215	215	215	215	215	215	215	215	215	215	215	215	215
DIRECT CONTROL	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL LOAD MANAGEMENT	94	172	215	215	215	215	215	215	215	215	215	215	215	215	215	215
<b>PJM WESTERN</b>																
CONTRACTUALLY INTERRUPTIBLE	3,051	3,330	5,695	5,695	5,695	5,695	5,695	5,695	5,695	5,695	5,695	5,695	5,695	5,695	5,695	5,695
DIRECT CONTROL	150	150	150	150	150	150	150	150	150	150	150	150	150	150	150	150
TOTAL LOAD MANAGEMENT	3,201	3,480	5,845	5,845	5,845	5,845	5,845	5,845	5,845	5,845	5,845	5,845	5,845	5,845	5,845	5,845
<b>DOM</b>																
CONTRACTUALLY INTERRUPTIBLE	532	667	1,278	1,278	1,278	1,278	1,278	1,278	1,278	1,278	1,278	1,278	1,278	1,278	1,278	1,278
DIRECT CONTROL	38	38	38	38	38	38	38	38	38	38	38	38	38	38	38	38
TOTAL LOAD MANAGEMENT	570	705	1,316	1,316	1,316	1,316	1,316	1,316	1,316	1,316	1,316	1,316	1,316	1,316	1,316	1,316
<b>PJM RTO</b>																
CONTRACTUALLY INTERRUPTIBLE	7,603	9,045	13,212	13,212	13,212	13,212	13,212	13,212	13,212	13,212	13,212	13,212	13,212	13,212	13,212	13,212
DIRECT CONTROL	953	953	953	953	953	953	953	953	953	953	953	953	953	953	953	953
TOTAL LOAD MANAGEMENT	8,556	9,998	14,165	14,165	14,165	14,165	14,165	14,165	14,165	14,165	14,165	14,165	14,165	14,165	14,165	14,165

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

TABLE B-8

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

	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027
<b>AE</b>																
ENERGY EFFICIENCY	2	4	1	1	1	1	1	1	1	1	1	1	1	1	1	1
LOAD MANAGEMENT	91	125	199	199	199	199	199	199	199	199	199	199	199	199	199	199
TOTAL	93	129	200	200	200	200	200	200	200	200	200	200	200	200	200	200
<b>BGE</b>																
ENERGY EFFICIENCY	100	74	115	115	115	115	115	115	115	115	115	115	115	115	115	115
LOAD MANAGEMENT	1,274	1,067	1,298	1,298	1,298	1,298	1,298	1,298	1,298	1,298	1,298	1,298	1,298	1,298	1,298	1,298
TOTAL	1,374	1,141	1,413	1,413	1,413	1,413	1,413	1,413	1,413	1,413	1,413	1,413	1,413	1,413	1,413	1,413
<b>DPL</b>																
ENERGY EFFICIENCY	13	5	7	7	7	7	7	7	7	7	7	7	7	7	7	7
LOAD MANAGEMENT	283	248	379	379	379	379	379	379	379	379	379	379	379	379	379	379
TOTAL	296	253	386	386	386	386	386	386	386	386	386	386	386	386	386	386
<b>JCPL</b>																
ENERGY EFFICIENCY	2	5	7	7	7	7	7	7	7	7	7	7	7	7	7	7
LOAD MANAGEMENT	332	298	430	430	430	430	430	430	430	430	430	430	430	430	430	430
TOTAL	334	303	437	437	437	437	437	437	437	437	437	437	437	437	437	437
<b>METED</b>																
ENERGY EFFICIENCY	0	11	4	4	4	4	4	4	4	4	4	4	4	4	4	4
LOAD MANAGEMENT	245	308	386	386	386	386	386	386	386	386	386	386	386	386	386	386
TOTAL	245	319	390	390	390	390	390	390	390	390	390	390	390	390	390	390
<b>PECO</b>																
ENERGY EFFICIENCY	7	16	6	6	6	6	6	6	6	6	6	6	6	6	6	6
LOAD MANAGEMENT	588	656	804	804	804	804	804	804	804	804	804	804	804	804	804	804
TOTAL	595	672	810	810	810	810	810	810	810	810	810	810	810	810	810	810
<b>PENLC</b>																
ENERGY EFFICIENCY	0	10	4	4	4	4	4	4	4	4	4	4	4	4	4	4
LOAD MANAGEMENT	268	407	424	424	424	424	424	424	424	424	424	424	424	424	424	424
TOTAL	268	417	428	428	428	428	428	428	428	428	428	428	428	428	428	428
<b>PEPCO</b>																
ENERGY EFFICIENCY	55	36	41	41	41	41	41	41	41	41	41	41	41	41	41	41
LOAD MANAGEMENT	449	530	864	864	864	864	864	864	864	864	864	864	864	864	864	864
TOTAL	504	566	905	905	905	905	905	905	905	905	905	905	905	905	905	905
<b>PL</b>																
ENERGY EFFICIENCY	0	15	10	10	10	10	10	10	10	10	10	10	10	10	10	10
LOAD MANAGEMENT	770	995	1,257	1,257	1,257	1,257	1,257	1,257	1,257	1,257	1,257	1,257	1,257	1,257	1,257	1,257
TOTAL	770	1,010	1,267	1,267	1,267	1,267	1,267	1,267	1,267	1,267	1,267	1,267	1,267	1,267	1,267	1,267
<b>PS</b>																
ENERGY EFFICIENCY	5	25	5	5	5	5	5	5	5	5	5	5	5	5	5	5
LOAD MANAGEMENT	482	1,146	933	933	933	933	933	933	933	933	933	933	933	933	933	933
TOTAL	487	1,171	938	938	938	938	938	938	938	938	938	938	938	938	938	938
<b>RECO</b>																
ENERGY EFFICIENCY	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
LOAD MANAGEMENT	3	33	30	30	30	30	30	30	30	30	30	30	30	30	30	30
TOTAL	3	33	30	30	30	30	30	30	30	30	30	30	30	30	30	30
<b>UGI</b>																
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
<b>PJM MID-ATLANTIC</b>																
ENERGY EFFICIENCY	184	201	200	200	200	200	200	200	200	200	200	200	200	200	200	200
LOAD MANAGEMENT	4,785	5,813	7,004	7,004	7,004	7,004	7,004	7,004	7,004	7,004	7,004	7,004	7,004	7,004	7,004	7,004
TOTAL	4,969	6,014	7,204	7,204	7,204	7,204	7,204	7,204	7,204	7,204	7,204	7,204	7,204	7,204	7,204	7,204

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

TABLE B-8

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

	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027
<b>AEP</b>																
ENERGY EFFICIENCY	0	5	9	9	9	9	9	9	9	9	9	9	9	9	9	9
LOAD MANAGEMENT	1,291	1,339	2,048	2,048	2,048	2,048	2,048	2,048	2,048	2,048	2,048	2,048	2,048	2,048	2,048	2,048
TOTAL	1,291	1,344	2,057	2,057	2,057	2,057	2,057	2,057	2,057	2,057	2,057	2,057	2,057	2,057	2,057	2,057
<b>APS</b>																
ENERGY EFFICIENCY	0	4	6	6	6	6	6	6	6	6	6	6	6	6	6	6
LOAD MANAGEMENT	329	536	858	858	858	858	858	858	858	858	858	858	858	858	858	858
TOTAL	329	540	864	864	864	864	864	864	864	864	864	864	864	864	864	864
<b>ATSI</b>																
ENERGY EFFICIENCY	12	4	3	3	3	3	3	3	3	3	3	3	3	3	3	3
LOAD MANAGEMENT	562	397	925	925	925	925	925	925	925	925	925	925	925	925	925	925
TOTAL	574	401	928	928	928	928	928	928	928	928	928	928	928	928	928	928
<b>COMED</b>																
ENERGY EFFICIENCY	374	495	529	529	529	529	529	529	529	529	529	529	529	529	529	529
LOAD MANAGEMENT	752	938	1,486	1,486	1,486	1,486	1,486	1,486	1,486	1,486	1,486	1,486	1,486	1,486	1,486	1,486
TOTAL	1,126	1,433	2,015	2,015	2,015	2,015	2,015	2,015	2,015	2,015	2,015	2,015	2,015	2,015	2,015	2,015
<b>DAY</b>																
ENERGY EFFICIENCY	9	12	4	4	4	4	4	4	4	4	4	4	4	4	4	4
LOAD MANAGEMENT	122	51	225	225	225	225	225	225	225	225	225	225	225	225	225	225
TOTAL	131	63	229	229	229	229	229	229	229	229	229	229	229	229	229	229
<b>DEOK</b>																
ENERGY EFFICIENCY	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
LOAD MANAGEMENT	51	47	88	88	88	88	88	88	88	88	88	88	88	88	88	88
TOTAL	51	47	88	88	88	88	88	88	88	88	88	88	88	88	88	88
<b>DLCO</b>																
ENERGY EFFICIENCY	0	1	3	3	3	3	3	3	3	3	3	3	3	3	3	3
LOAD MANAGEMENT	94	172	215	215	215	215	215	215	215	215	215	215	215	215	215	215
TOTAL	94	173	218	218	218	218	218	218	218	218	218	218	218	218	218	218
<b>PJM WESTERN</b>																
ENERGY EFFICIENCY	395	521	554	554	554	554	554	554	554	554	554	554	554	554	554	554
LOAD MANAGEMENT	3,201	3,480	5,845	5,845	5,845	5,845	5,845	5,845	5,845	5,845	5,845	5,845	5,845	5,845	5,845	5,845
TOTAL	3,596	4,001	6,399	6,399	6,399	6,399	6,399	6,399	6,399	6,399	6,399	6,399	6,399	6,399	6,399	6,399
<b>DOM</b>																
ENERGY EFFICIENCY	2	6	50	50	50	50	50	50	50	50	50	50	50	50	50	50
LOAD MANAGEMENT	570	705	1,316	1,316	1,316	1,316	1,316	1,316	1,316	1,316	1,316	1,316	1,316	1,316	1,316	1,316
TOTAL	572	711	1,366	1,366	1,366	1,366	1,366	1,366	1,366	1,366	1,366	1,366	1,366	1,366	1,366	1,366
<b>PJM RTO</b>																
ENERGY EFFICIENCY	581	728	804	804	804	804	804	804	804	804	804	804	804	804	804	804
LOAD MANAGEMENT	8,556	9,998	14,165	14,165	14,165	14,165	14,165	14,165	14,165	14,165	14,165	14,165	14,165	14,165	14,165	14,165
TOTAL	9,137	10,726	14,969	14,969	14,969	14,969	14,969	14,969	14,969	14,969	14,969	14,969	14,969	14,969	14,969	14,969

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

**Table B-9**

**ADJUSTMENTS TO SUMMER PEAK LOAD (MW) FOR  
EACH PJM ZONE AND RTO  
2012-2027**

	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027
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
DAY	-150	-150	-150	-150	-150	-150	-150	-150	-150	-150	-150	-150	-150	-150	-150	-150
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	-150	-150	-150	-150	-150	-150	-150	-150	-150	-150	-150	-150	-150	-150	-150	-150

Notes: Adjustment values presented here are reflected in Tables B-1 through B-6 and Tables B-10 and B-11.

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  
2012-2027**

	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>	<b>2017</b>	<b>2018</b>	<b>2019</b>	<b>2020</b>	<b>2021</b>	<b>2022</b>	<b>2023</b>	<b>2024</b>	<b>2025</b>	<b>2026</b>	<b>2027</b>
AE	2,594	2,627	2,684	2,735	2,777	2,800	2,822	2,841	2,862	2,886	2,909	2,932	2,951	2,970	2,993	3,018
BGE	6,942	7,025	7,167	7,298	7,395	7,466	7,518	7,590	7,663	7,734	7,799	7,874	7,938	8,004	8,084	8,154
DPL	3,957	4,011	4,097	4,175	4,235	4,280	4,325	4,377	4,428	4,480	4,531	4,586	4,638	4,686	4,735	4,784
JCPL	6,009	6,095	6,221	6,349	6,455	6,515	6,574	6,626	6,683	6,746	6,811	6,874	6,925	6,980	7,045	7,113
METED	2,851	2,909	2,987	3,061	3,121	3,165	3,205	3,246	3,293	3,340	3,387	3,431	3,468	3,514	3,558	3,603
PECO	8,450	8,591	8,794	8,977	9,120	9,236	9,352	9,464	9,574	9,688	9,800	9,905	10,006	10,102	10,206	10,312
PENLC	2,780	2,848	2,940	3,029	3,100	3,148	3,192	3,244	3,294	3,347	3,396	3,446	3,488	3,533	3,578	3,624
PEPCO	6,612	6,675	6,770	6,853	6,917	6,970	7,016	7,067	7,119	7,170	7,220	7,269	7,312	7,359	7,405	7,451
PL	6,964	7,079	7,242	7,388	7,505	7,573	7,647	7,734	7,824	7,901	7,994	8,067	8,152	8,229	8,305	8,383
PS	10,186	10,308	10,474	10,624	10,747	10,821	10,869	10,953	11,025	11,105	11,182	11,243	11,311	11,373	11,445	11,525
RECO	401	407	415	422	428	431	434	437	440	444	447	450	453	455	459	462
UGI	186	189	193	196	199	200	201	203	205	206	208	210	211	212	214	215
AEP	22,780	23,112	23,578	23,991	24,314	24,530	24,740	24,945	25,167	25,403	25,632	25,862	26,070	26,286	26,520	26,758
APS	8,283	8,409	8,587	8,753	8,882	8,980	9,050	9,162	9,268	9,369	9,471	9,578	9,666	9,765	9,866	9,972
ATSI	12,722	12,867	13,092	13,281	13,419	13,507	13,586	13,675	13,772	13,870	13,960	14,057	14,129	14,218	14,318	14,421
COMED	21,882	22,306	22,931	23,563	24,026	24,289	24,560	24,862	25,272	25,599	25,893	26,137	26,415	26,790	27,155	27,480
DAY	3,222	3,289	3,397	3,498	3,569	3,615	3,657	3,706	3,754	3,802	3,849	3,897	3,947	3,994	4,043	4,088
DEOK	5,343	5,427	5,557	5,665	5,745	5,805	5,858	5,921	5,985	6,041	6,102	6,165	6,223	6,285	6,346	6,394
DLCO	2,811	2,853	2,916	2,969	3,007	3,034	3,059	3,082	3,112	3,137	3,162	3,189	3,211	3,236	3,261	3,286
DOM	18,806	19,228	19,803	20,341	20,733	21,066	21,367	21,725	22,053	22,372	22,668	23,011	23,311	23,655	23,976	24,249
PJM RTO	153,782	156,254	159,842	163,168	165,691	167,433	169,032	170,860	172,793	174,638	176,420	178,185	179,825	181,645	183,512	185,294
MAAC	57,932	58,764	59,984	61,107	61,999	62,605	63,155	63,782	64,410	65,047	65,684	66,287	66,853	67,417	68,027	68,644
Eastern MAAC	31,597	32,039	32,685	33,282	33,762	34,083	34,376	34,698	35,012	35,349	35,680	35,990	36,284	36,566	36,883	37,214
Southwest MAAC	13,554	13,700	13,937	14,151	14,312	14,436	14,534	14,657	14,782	14,904	15,019	15,143	15,250	15,363	15,489	15,605
MAAC and APS	66,215	67,173	68,571	69,860	70,881	71,585	72,205	72,944	73,678	74,416	75,155	75,865	76,519	77,182	77,893	78,616

Notes: Load values for Zones and Locational Deliverability Areas are coincident with the PJM RTO peak.

This table will be used for the Reliability Pricing Model.

**Table B-11**  
**PJM CONTROL AREA - JANUARY 2012**  
**SUMMER TOTAL INTERNAL DEMAND FORECAST (MW) FOR EACH NERC REGION**  
**2012-2022**

		<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>	<b>2017</b>	<b>2018</b>	<b>2019</b>	<b>2020</b>	<b>2021</b>	<b>2022</b>	<b>Annual Growth Rate (10 yr)</b>
PJM - RELIABILITYFIRST		134,232	136,274	139,244	142,004	144,147	145,562	146,839	148,298	149,856	151,399	152,883	1.3%
	%		1.5%	2.2%	2.0%	1.5%	1.0%	0.9%	1.0%	1.1%	1.0%	1.0%	
PJM - SERC		19,550	19,980	20,598	21,164	21,544	21,871	22,193	22,562	22,937	23,239	23,537	1.9%
	%		2.2%	3.1%	2.7%	1.8%	1.5%	1.5%	1.7%	1.7%	1.3%	1.3%	
PJM RTO		153,782	156,254	159,842	163,168	165,691	167,433	169,032	170,860	172,793	174,638	176,420	1.4%
	%		1.6%	2.3%	2.1%	1.5%	1.1%	1.0%	1.1%	1.1%	1.1%	1.0%	

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**  
**PJM CONTROL AREA - JANUARY 2012**  
**SUMMER TOTAL INTERNAL DEMAND FORECAST (MW) FOR EACH NERC REGION**  
**2023-2027**

		<b>2023</b>	<b>2024</b>	<b>2025</b>	<b>2026</b>	<b>2027</b>	<b>Annual Growth Rate (15 yr)</b>
PJM - RELIABILITYFIRST		154,314	155,611	157,059	158,584	160,103	1.2%
	%	0.9%	0.8%	0.9%	1.0%	1.0%	
PJM - SERC		23,871	24,214	24,586	24,928	25,191	1.7%
	%	1.4%	1.4%	1.5%	1.4%	1.1%	
PJM RTO (with ATSI, DEOK)		178,185	179,825	181,645	183,512	185,294	1.3%
	%	1.0%	0.9%	1.0%	1.0%	1.0%	

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**  
**PJM CONTROL AREA - JANUARY 2012**  
**WINTER TOTAL INTERNAL DEMAND FORECAST (MW) FOR EACH NERC REGION**  
**2011/12-2021/22**

		<b>11/12</b>	<b>12/13</b>	<b>13/14</b>	<b>14/15</b>	<b>15/16</b>	<b>16/17</b>	<b>17/18</b>	<b>18/19</b>	<b>19/20</b>	<b>20/21</b>	<b>21/22</b>	<b>Annual Growth Rate (10 yr)</b>
PJM - RELIABILITYFIRST		111,592	112,673	114,270	116,459	118,211	119,575	120,448	121,368	122,335	123,476	124,625	1.1%
	%		1.0%	1.4%	1.9%	1.5%	1.2%	0.7%	0.8%	0.8%	0.9%	0.9%	
PJM - SERC		17,248	17,549	17,890	18,312	18,700	18,992	19,214	19,476	19,683	19,943	20,211	1.6%
	%		1.7%	1.9%	2.4%	2.1%	1.6%	1.2%	1.4%	1.1%	1.3%	1.3%	
PJM RTO (with ATSI, DEOK)		128,840	130,222	132,160	134,771	136,911	138,567	139,662	140,844	142,018	143,419	144,836	1.2%
	%		1.1%	1.5%	2.0%	1.6%	1.2%	0.8%	0.8%	0.8%	1.0%	1.0%	

Notes:

Projected PJM seasonal peak load at normal peak weather conditions in the absense 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**  
**PJM CONTROL AREA - JANUARY 2012**  
**WINTER TOTAL INTERNAL DEMAND FORECAST (MW) FOR EACH NERC REGION**  
**2022/23-2026/27**

		<b>22/23</b>	<b>23/24</b>	<b>24/25</b>	<b>25/26</b>	<b>26/27</b>	<b>Annual Growth Rate (15 yr)</b>
PJM - RELIABILITYFIRST		125,643	126,528	127,429	128,506	129,506	1.0%
	%	0.8%	0.7%	0.7%	0.8%	0.8%	
PJM - SERC		20,473	20,713	20,921	21,146	21,395	1.4%
	%	1.3%	1.2%	1.0%	1.1%	1.2%	
PJM RTO (with ATSI, DEOK)		146,116	147,241	148,350	149,652	150,901	1.1%
	%	0.9%	0.8%	0.8%	0.9%	0.8%	

Notes:

Projected PJM seasonal peak load at normal peak weather conditions in the absense 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 C-1**

**PJM LOCATIONAL DELIVERABILITY AREAS  
CENTRAL MID-ATLANTIC: BGE, METED, PEPSCO, PL AND UGI  
SEASONAL PEAKS - MW**

<b>YEAR</b>	<b>BASE (50/50) FORECAST</b>			
	<b>SPRING (WK 14-19)</b>	<b>SUMMER (WK 20-39)</b>	<b>FALL (WK 40-45)</b>	<b>WINTER (WK 46-13)</b>
2012	17,077	24,244	16,809	21,386
2013	17,309	24,612	17,060	21,580
2014	17,739	25,090	17,397	21,855
2015	18,012	25,531	17,663	22,195
2016	18,312	25,862	17,793	22,495
2017	18,420	26,098	18,105	22,704
2018	18,532	26,312	18,320	22,877
2019	18,734	26,611	18,509	23,044
2020	18,979	26,872	18,603	23,218
2021	19,171	27,120	18,671	23,424
2022	19,383	27,375	19,012	23,618
2023	19,485	27,607	19,277	23,780
2024	19,818	27,866	19,506	23,959
2025	20,080	28,112	19,663	24,110
2026	20,149	28,353	19,798	24,278
2027	20,257	28,585	19,745	24,475

<b>YEAR</b>	<b>EXTREME WEATHER (90/10) FORECAST</b>			
	<b>SPRING (WK 14-19)</b>	<b>SUMMER (WK 20-39)</b>	<b>FALL (WK 40-45)</b>	<b>WINTER (WK 46-13)</b>
2012	18,648	25,441	18,657	22,541
2013	18,875	25,787	18,896	22,730
2014	19,371	26,307	19,267	22,930
2015	19,894	26,752	19,559	23,323
2016	20,071	27,142	19,806	23,608
2017	20,230	27,375	19,996	23,865
2018	20,451	27,601	20,289	24,038
2019	20,635	27,899	20,466	24,201
2020	21,098	28,146	20,640	24,334
2021	21,258	28,447	20,839	24,531
2022	21,395	28,707	21,043	24,767
2023	21,545	28,943	21,262	24,946
2024	21,771	29,207	21,522	25,126
2025	22,054	29,456	21,735	25,229
2026	22,331	29,695	21,895	25,410
2027	22,518	29,970	22,039	25,582

**TABLE C-2**

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

<b>YEAR</b>	<b>BASE (50/50) FORECAST</b>			
	<b>SPRING (WK 14-19)</b>	<b>SUMMER (WK 20-39)</b>	<b>FALL (WK 40-45)</b>	<b>WINTER (WK 46-13)</b>
2012	10,473	13,201	10,475	12,967
2013	10,698	13,452	10,638	13,114
2014	10,965	13,792	10,911	13,329
2015	11,226	14,104	11,196	13,624
2016	11,427	14,352	11,363	13,880
2017	11,574	14,524	11,494	14,099
2018	11,784	14,690	11,687	14,217
2019	11,947	14,879	11,799	14,369
2020	12,079	15,071	11,975	14,508
2021	12,259	15,256	12,096	14,674
2022	12,395	15,437	12,259	14,870
2023	12,516	15,609	12,428	15,019
2024	12,750	15,786	12,604	15,145
2025	12,885	15,963	12,722	15,274
2026	13,026	16,137	12,882	15,419
2027	13,167	16,301	12,954	15,569

<b>YEAR</b>	<b>EXTREME WEATHER (90/10) FORECAST</b>			
	<b>SPRING (WK 14-19)</b>	<b>SUMMER (WK 20-39)</b>	<b>FALL (WK 40-45)</b>	<b>WINTER (WK 46-13)</b>
2012	10,768	13,781	10,608	13,600
2013	10,983	14,033	10,792	13,772
2014	11,342	14,391	11,060	13,877
2015	11,704	14,705	11,277	14,253
2016	11,844	14,952	11,487	14,533
2017	12,002	15,115	11,621	14,751
2018	12,143	15,296	11,828	14,880
2019	12,332	15,497	11,971	15,040
2020	12,623	15,682	12,097	15,123
2021	12,735	15,881	12,229	15,340
2022	12,848	16,058	12,424	15,509
2023	12,988	16,224	12,588	15,682
2024	13,164	16,420	12,779	15,818
2025	13,366	16,597	12,927	15,896
2026	13,559	16,769	13,045	16,070
2027	13,690	16,949	13,127	16,242

**TABLE C-3**

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

<b>YEAR</b>	<b>BASE (50/50) FORECAST</b>			
	<b>SPRING (WK 14-19)</b>	<b>SUMMER (WK 20-39)</b>	<b>FALL (WK 40-45)</b>	<b>WINTER (WK 46-13)</b>
2012	18,787	32,605	20,178	22,641
2013	19,154	33,080	20,513	22,894
2014	19,581	33,764	20,838	23,208
2015	19,915	34,396	21,114	23,637
2016	20,270	34,871	21,265	24,005
2017	20,514	35,175	21,632	24,268
2018	20,728	35,480	22,249	24,451
2019	20,959	35,835	22,477	24,668
2020	21,253	36,175	22,398	24,859
2021	21,609	36,500	22,483	25,087
2022	21,691	36,829	22,674	25,324
2023	21,825	37,141	23,056	25,516
2024	22,532	37,437	23,668	25,702
2025	22,727	37,757	23,667	25,881
2026	22,887	38,117	23,813	26,082
2027	23,030	38,436	23,866	26,305

<b>YEAR</b>	<b>EXTREME WEATHER (90/10) FORECAST</b>			
	<b>SPRING (WK 14-19)</b>	<b>SUMMER (WK 20-39)</b>	<b>FALL (WK 40-45)</b>	<b>WINTER (WK 46-13)</b>
2012	22,530	34,327	23,375	23,729
2013	22,893	34,934	23,707	23,961
2014	23,612	35,796	24,167	24,111
2015	24,294	36,415	24,586	24,556
2016	24,371	36,807	24,875	24,936
2017	24,397	37,122	25,179	25,338
2018	24,907	37,324	25,620	25,529
2019	25,190	37,814	25,837	25,721
2020	25,813	38,267	25,995	25,748
2021	26,083	38,533	26,274	26,042
2022	26,015	38,881	26,514	26,354
2023	26,044	39,192	26,809	26,579
2024	26,669	39,524	27,181	26,772
2025	27,003	39,997	27,372	26,772
2026	27,392	40,314	27,590	27,012
2027	27,653	40,549	27,837	27,259

**TABLE C-4**

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

<b>BASE (50/50) FORECAST</b>				
<b>YEAR</b>	<b>SPRING (WK 14-19)</b>	<b>SUMMER (WK 20-39)</b>	<b>FALL (WK 40-45)</b>	<b>WINTER (WK 46-13)</b>
2012	8,956	13,990	9,228	11,370
2013	9,068	14,192	9,341	11,442
2014	9,283	14,442	9,506	11,561
2015	9,454	14,685	9,567	11,698
2016	9,523	14,799	9,622	11,839
2017	9,533	14,912	9,789	11,926
2018	9,676	15,000	9,947	12,001
2019	9,752	15,164	10,027	12,071
2020	9,909	15,326	9,999	12,147
2021	10,069	15,432	10,067	12,229
2022	10,049	15,523	10,146	12,305
2023	10,059	15,643	10,355	12,380
2024	10,289	15,781	10,477	12,458
2025	10,409	15,913	10,544	12,525
2026	10,488	16,038	10,601	12,592
2027	10,581	16,140	10,564	12,670

<b>EXTREME WEATHER (90/10) FORECAST</b>				
<b>YEAR</b>	<b>SPRING (WK 14-19)</b>	<b>SUMMER (WK 20-39)</b>	<b>FALL (WK 40-45)</b>	<b>WINTER (WK 46-13)</b>
2012	10,333	14,647	10,528	12,012
2013	10,410	14,804	10,643	12,093
2014	10,644	15,064	10,836	12,135
2015	10,900	15,285	10,985	12,359
2016	10,994	15,498	11,091	12,475
2017	11,051	15,611	11,181	12,577
2018	11,164	15,710	11,323	12,651
2019	11,214	15,857	11,403	12,737
2020	11,452	15,972	11,495	12,779
2021	11,546	16,126	11,609	12,876
2022	11,605	16,256	11,674	12,949
2023	11,671	16,371	11,767	13,038
2024	11,756	16,490	11,891	13,113
2025	11,889	16,607	12,000	13,164
2026	12,021	16,721	12,077	13,245
2027	12,115	16,861	12,173	13,325

**TABLE C-5**

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

<b>YEAR</b>	<b>BASE (50/50) FORECAST</b>			
	<b>SPRING (WK 14-19)</b>	<b>SUMMER (WK 20-39)</b>	<b>FALL (WK 40-45)</b>	<b>WINTER (WK 46-13)</b>
2012	44,493	67,926	45,142	55,225
2013	45,304	68,875	45,914	55,767
2014	46,528	70,290	46,890	56,415
2015	47,638	71,698	47,634	57,442
2016	48,102	72,802	48,232	58,354
2017	48,602	73,542	48,922	59,222
2018	48,995	74,195	49,652	59,657
2019	49,564	74,998	50,184	60,195
2020	50,601	75,793	50,473	60,559
2021	51,234	76,548	50,823	61,136
2022	51,545	77,298	51,648	61,892
2023	51,854	77,993	52,460	62,435
2024	52,720	78,719	53,191	62,872
2025	53,559	79,448	53,688	63,222
2026	53,996	80,198	54,026	63,726
2027	54,449	80,918	53,961	64,284

<b>YEAR</b>	<b>EXTREME WEATHER (90/10) FORECAST</b>			
	<b>SPRING (WK 14-19)</b>	<b>SUMMER (WK 20-39)</b>	<b>FALL (WK 40-45)</b>	<b>WINTER (WK 46-13)</b>
2012	50,301	71,489	51,204	58,000
2013	51,129	72,823	51,940	58,511
2014	52,286	74,487	53,002	59,052
2015	53,474	75,811	53,895	60,437
2016	54,326	76,756	54,619	61,217
2017	54,648	77,469	55,211	62,055
2018	55,576	77,895	56,106	62,462
2019	56,206	79,013	56,627	62,970
2020	56,905	79,868	57,052	63,400
2021	57,550	80,607	57,661	64,059
2022	57,869	81,370	58,284	64,706
2023	58,465	82,061	58,929	65,297
2024	59,377	82,806	59,723	65,743
2025	60,007	83,676	60,255	66,059
2026	60,787	84,391	60,730	66,726
2027	61,231	85,059	61,183	67,235

**Table D-1**

**SUMMER EXTREME WEATHER (90/10) PEAK LOAD  
FOR EACH PJM MID-ATLANTIC ZONE AND GEOGRAPHIC REGION (MW)  
2012-2027**

	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>	<b>2017</b>	<b>2018</b>	<b>2019</b>	<b>2020</b>	<b>2021</b>	<b>2022</b>	<b>2023</b>	<b>2024</b>	<b>2025</b>	<b>2026</b>	<b>2027</b>
AE	2,858	2,891	2,952	3,006	3,048	3,070	3,097	3,116	3,137	3,165	3,188	3,208	3,232	3,254	3,278	3,305
BGE	7,485	7,577	7,731	7,861	7,992	8,052	8,106	8,194	8,255	8,345	8,421	8,491	8,561	8,631	8,698	8,785
DPL	4,252	4,301	4,394	4,472	4,543	4,587	4,644	4,691	4,742	4,803	4,865	4,914	4,972	5,032	5,081	5,130
JCPL	6,559	6,710	6,908	7,037	7,103	7,162	7,166	7,287	7,398	7,434	7,502	7,560	7,621	7,737	7,800	7,837
METED	3,085	3,145	3,230	3,303	3,365	3,408	3,455	3,500	3,543	3,594	3,641	3,686	3,733	3,777	3,822	3,872
PECO	9,249	9,397	9,627	9,817	9,978	10,091	10,197	10,346	10,458	10,585	10,698	10,810	10,917	11,024	11,130	11,243
PENLC	2,987	3,051	3,148	3,238	3,310	3,351	3,405	3,456	3,508	3,560	3,608	3,652	3,703	3,749	3,795	3,840
PEPCO	7,162	7,227	7,333	7,424	7,506	7,559	7,604	7,663	7,717	7,781	7,835	7,880	7,929	7,977	8,023	8,076
PL	7,506	7,632	7,803	7,951	8,064	8,140	8,218	8,322	8,409	8,504	8,585	8,660	8,756	8,841	8,921	9,005
PS	10,997	11,185	11,454	11,614	11,663	11,736	11,743	11,892	12,044	12,056	12,135	12,206	12,284	12,446	12,517	12,525
RECO	442	450	462	469	472	476	477	482	488	490	493	495	499	505	508	509
UGI	203	206	210	213	215	217	218	220	222	223	225	226	228	230	231	232
DIVERSITY - MID-ATLANTIC(-)	112	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
PJM MID-ATLANTIC	62,673	63,772	65,252	66,405	67,259	67,849	68,330	69,169	69,921	70,540	71,196	71,788	72,435	73,203	73,804	74,359
FE/GPU	12,626	12,906	13,286	13,578	13,775	13,921	14,024	14,243	14,449	14,588	14,750	14,898	15,057	15,263	15,417	15,549
PLGRP	7,709	7,837	8,013	8,164	8,279	8,356	8,436	8,542	8,631	8,727	8,810	8,886	8,984	9,071	9,152	9,237

Table D-1

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

	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027
AEP	24,719	25,024	25,638	26,069	26,479	26,665	26,881	27,062	27,363	27,639	27,924	28,095	28,321	28,614	28,837	29,098
APS	8,931	9,051	9,236	9,406	9,552	9,648	9,764	9,844	9,947	10,067	10,174	10,277	10,372	10,474	10,587	10,700
ATSI	13,739	13,860	14,143	14,331	14,529	14,590	14,662	14,742	14,852	14,999	15,095	15,166	15,241	15,345	15,450	15,597
COMED	24,440	24,836	25,514	26,158	26,740	27,049	27,393	27,676	27,959	28,337	28,680	29,006	29,320	29,619	29,945	30,303
DAY	3,531	3,591	3,705	3,811	3,894	3,941	3,993	4,034	4,080	4,137	4,192	4,240	4,291	4,337	4,385	4,436
DEOK	5,897	5,957	6,066	6,184	6,349	6,397	6,465	6,490	6,541	6,661	6,744	6,799	6,823	6,886	6,937	7,069
DLCO	3,099	3,136	3,198	3,255	3,301	3,326	3,358	3,379	3,403	3,435	3,461	3,489	3,512	3,535	3,560	3,588
DIVERSITY - WESTERN (-)	1,079	881	1,006	1,058	1,202	1,015	1,083	900	1,021	1,206	1,143	955	884	898	994	1,151
PJM WESTERN	83,277	84,574	86,494	88,156	89,642	90,601	91,433	92,327	93,124	94,069	95,127	96,117	96,996	97,912	98,707	99,640
DOM	20,069	20,459	21,060	21,613	22,086	22,407	22,763	23,063	23,393	23,770	24,115	24,443	24,769	25,087	25,405	25,745
DIVERSITY - INTERREGIONAL (-)	2,878	3,129	3,328	3,293	3,538	3,636	3,520	3,637	3,552	3,679	3,826	3,910	3,920	4,010	3,912	3,914
PJM RTO	163,141	165,676	169,478	172,881	175,449	177,221	179,006	180,922	182,886	184,700	186,612	188,438	190,280	192,192	194,004	195,830

**Table D-2**

**WINTER EXTREME WEATHER (90/10) PEAK LOAD  
FOR EACH PJM MID-ATLANTIC ZONE AND GEOGRAPHIC REGION (MW)  
2011/12- 2026/27**

	<b>11/12</b>	<b>12/13</b>	<b>13/14</b>	<b>14/15</b>	<b>15/16</b>	<b>16/17</b>	<b>17/18</b>	<b>18/19</b>	<b>19/20</b>	<b>20/21</b>	<b>21/22</b>	<b>22/23</b>	<b>23/24</b>	<b>24/25</b>	<b>25/26</b>	<b>26/27</b>
AE	1,842	1,856	1,859	1,899	1,926	1,939	1,951	1,959	1,966	1,981	1,989	2,001	2,010	2,017	2,025	2,036
BGE	6,304	6,318	6,329	6,431	6,493	6,541	6,558	6,591	6,601	6,655	6,697	6,733	6,755	6,765	6,800	6,848
DPL	3,602	3,622	3,645	3,724	3,774	3,809	3,827	3,857	3,881	3,933	3,967	3,999	4,023	4,045	4,081	4,124
JCPL	4,056	4,110	4,135	4,256	4,310	4,360	4,390	4,436	4,464	4,502	4,544	4,578	4,610	4,643	4,688	4,722
METED	2,717	2,751	2,785	2,865	2,915	2,967	2,990	3,026	3,051	3,092	3,138	3,176	3,202	3,227	3,263	3,300
PECO	7,004	7,047	7,116	7,316	7,459	7,616	7,677	7,736	7,785	7,904	8,021	8,130	8,190	8,192	8,282	8,379
PENLC	2,986	3,039	3,083	3,203	3,295	3,370	3,409	3,466	3,495	3,563	3,624	3,679	3,720	3,747	3,796	3,852
PEPCO	5,748	5,775	5,807	5,928	6,007	6,080	6,102	6,147	6,177	6,245	6,311	6,356	6,385	6,399	6,445	6,498
PL	7,716	7,778	7,799	8,002	8,123	8,224	8,268	8,340	8,356	8,474	8,565	8,634	8,683	8,695	8,784	8,869
PS	7,050	7,125	7,145	7,309	7,387	7,439	7,477	7,533	7,540	7,609	7,659	7,703	7,741	7,759	7,823	7,867
RECO	242	244	246	248	251	253	255	257	260	262	264	267	269	271	273	275
UGI	209	210	210	214	217	219	219	221	221	223	225	226	227	227	228	230
DIVERSITY - MID-ATLANTIC(-)	445	425	239	500	548	444	437	433	357	547	503	461	476	360	437	525
PJM MID-ATLANTIC	49,031	49,450	49,920	50,895	51,609	52,373	52,686	53,136	53,440	53,896	54,501	55,021	55,339	55,627	56,051	56,475
FE/GPU	9,731	9,885	10,003	10,267	10,477	10,668	10,786	10,905	10,962	11,116	11,268	11,397	11,522	11,566	11,714	11,827
PLGRP	7,925	7,988	8,009	8,216	8,340	8,443	8,487	8,560	8,577	8,694	8,775	8,854	8,910	8,922	9,012	9,095

Table D-2

**WINTER EXTREME WEATHER (90/10) PEAK LOAD  
FOR EACH PJM WESTERN AND PJM SOUTHERN ZONE, GEOGRAPHIC REGION AND RTO (MW)  
2011/12- 2026/27**

	11/12	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
AEP	24,527	24,765	24,936	25,741	25,899	26,084	26,219	26,421	26,514	26,900	27,040	27,218	27,373	27,474	28,014	28,061
APS	9,034	9,131	9,215	9,498	9,673	9,800	9,870	9,952	10,017	10,211	10,335	10,438	10,519	10,551	10,720	10,853
ATSI	11,110	11,179	11,170	11,331	11,421	11,482	11,516	11,574	11,604	11,677	11,720	11,739	11,784	11,830	11,882	11,945
COMED	16,488	16,722	16,805	17,336	17,696	17,962	18,130	18,340	18,377	18,634	18,879	19,091	19,239	19,332	19,551	19,764
DAY	3,013	3,048	3,089	3,186	3,249	3,287	3,310	3,340	3,366	3,412	3,433	3,478	3,505	3,527	3,561	3,600
DEOK	4,737	4,774	4,790	4,891	4,941	4,975	4,995	5,030	5,048	5,097	5,131	5,157	5,178	5,198	5,251	5,279
DLCO	2,270	2,283	2,290	2,332	2,356	2,371	2,383	2,396	2,394	2,414	2,430	2,443	2,455	2,453	2,471	2,486
DIVERSITY - WESTERN (-)	1,217	1,101	505	1,211	1,209	1,291	1,203	1,175	905	1,280	1,314	1,372	1,269	963	1,358	1,382
PJM WESTERN	69,962	70,801	71,790	73,104	74,026	74,670	75,220	75,878	76,415	77,065	77,654	78,192	78,784	79,402	80,092	80,606
DOM	18,660	18,886	19,045	19,603	20,028	20,440	20,602	20,854	20,975	21,298	21,662	21,926	22,122	22,229	22,478	22,771
DIVERSITY - INTERREGIONAL (-)	944	968	2,213	825	733	1,046	951	1,034	2,334	751	1,019	1,122	1,019	2,481	907	845
PJM RTO	136,709	138,169	138,542	142,777	144,930	146,437	147,557	148,834	148,496	151,508	152,798	154,017	155,226	154,777	157,714	159,007

Table E-1

**ANNUAL NET ENERGY (GWh) AND GROWTH RATES FOR  
EACH PJM MID-ATLANTIC ZONE AND GEOGRAPHIC REGION  
2012-2022**

	ESTIMATED 2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	Annual Growth Rate (10 yr)
AE	11,027	11,392	11,502	11,721	11,933	12,124	12,185	12,272	12,354	12,481	12,569	12,658	1.1%
%		3.3%	1.0%	1.9%	1.8%	1.6%	0.5%	0.7%	0.7%	1.0%	0.7%	0.7%	
BGE	33,832	35,015	35,262	35,891	36,491	37,070	37,289	37,580	37,870	38,309	38,599	38,929	1.1%
%		3.5%	0.7%	1.8%	1.7%	1.6%	0.6%	0.8%	0.8%	1.2%	0.8%	0.9%	
DPL	18,851	19,488	19,636	19,986	20,318	20,643	20,782	20,975	21,170	21,459	21,677	21,897	1.2%
%		3.4%	0.8%	1.8%	1.7%	1.6%	0.7%	0.9%	0.9%	1.4%	1.0%	1.0%	
JCPL	23,515	24,694	25,032	25,666	26,262	26,809	27,050	27,336	27,608	28,000	28,280	28,582	1.5%
%		5.0%	1.4%	2.5%	2.3%	2.1%	0.9%	1.1%	1.0%	1.4%	1.0%	1.1%	
METED	15,783	16,456	16,725	17,197	17,649	18,065	18,275	18,529	18,767	19,119	19,354	19,625	1.8%
%		4.3%	1.6%	2.8%	2.6%	2.4%	1.2%	1.4%	1.3%	1.9%	1.2%	1.4%	
PECO	41,750	43,089	43,778	44,957	46,065	47,082	47,638	48,313	48,980	49,820	50,375	51,013	1.7%
%		3.2%	1.6%	2.7%	2.5%	2.2%	1.2%	1.4%	1.4%	1.7%	1.1%	1.3%	
PENLC	18,252	19,000	19,448	20,203	20,957	21,625	21,967	22,370	22,767	23,284	23,649	24,061	2.4%
%		4.1%	2.4%	3.9%	3.7%	3.2%	1.6%	1.8%	1.8%	2.3%	1.6%	1.7%	
PEPCO	31,902	33,225	33,448	33,949	34,440	34,949	35,163	35,442	35,714	36,121	36,363	36,653	1.0%
%		4.1%	0.7%	1.5%	1.4%	1.5%	0.6%	0.8%	0.8%	1.1%	0.7%	0.8%	
PL	41,119	42,736	43,274	44,280	45,253	46,157	46,562	47,091	47,584	48,330	48,766	49,316	1.4%
%		3.9%	1.3%	2.3%	2.2%	2.0%	0.9%	1.1%	1.0%	1.6%	0.9%	1.1%	
PS	45,551	47,728	48,154	49,068	49,924	50,725	51,004	51,360	51,711	52,309	52,635	53,061	1.1%
%		4.8%	0.9%	1.9%	1.7%	1.6%	0.6%	0.7%	0.7%	1.2%	0.6%	0.8%	
RECO	1,514	1,575	1,597	1,641	1,684	1,719	1,734	1,752	1,768	1,790	1,807	1,825	1.5%
%		4.0%	1.4%	2.8%	2.6%	2.1%	0.9%	1.0%	0.9%	1.2%	0.9%	1.0%	
UGI	1,060	1,080	1,091	1,115	1,137	1,159	1,166	1,176	1,184	1,199	1,208	1,217	1.2%
%		1.9%	1.0%	2.2%	2.0%	1.9%	0.6%	0.9%	0.7%	1.3%	0.8%	0.7%	
PJM MID-ATLANTIC	284,156	295,478	298,947	305,674	312,113	318,127	320,815	324,196	327,477	332,221	335,282	338,837	1.4%
%		4.0%	1.2%	2.3%	2.1%	1.9%	0.8%	1.1%	1.0%	1.4%	0.9%	1.1%	
FE/GPU	57,550	60,150	61,205	63,066	64,868	66,499	67,292	68,235	69,142	70,403	71,283	72,268	1.9%
%		4.5%	1.8%	3.0%	2.9%	2.5%	1.2%	1.4%	1.3%	1.8%	1.2%	1.4%	
PLGRP	42,179	43,816	44,365	45,395	46,390	47,316	47,728	48,267	48,768	49,529	49,974	50,533	1.4%
%		3.9%	1.3%	2.3%	2.2%	2.0%	0.9%	1.1%	1.0%	1.6%	0.9%	1.1%	

Note: Estimated 2011 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  
2023-2027**

		<b>2023</b>	<b>2024</b>	<b>2025</b>	<b>2026</b>	<b>2027</b>	<b>Annual Growth Rate (15 yr)</b>
AE		12,742	12,863	12,917	13,010	13,098	0.9%
	%	0.7%	0.9%	0.4%	0.7%	0.7%	
BGE		39,245	39,672	39,886	40,207	40,517	1.0%
	%	0.8%	1.1%	0.5%	0.8%	0.8%	
DPL		22,112	22,390	22,550	22,755	22,944	1.1%
	%	1.0%	1.3%	0.7%	0.9%	0.8%	
JCPL		28,866	29,218	29,447	29,756	30,069	1.3%
	%	1.0%	1.2%	0.8%	1.0%	1.1%	
METED		19,878	20,180	20,397	20,669	20,937	1.6%
	%	1.3%	1.5%	1.1%	1.3%	1.3%	
PECO		51,613	52,350	52,837	53,444	54,039	1.5%
	%	1.2%	1.4%	0.9%	1.1%	1.1%	
PENLC		24,441	24,891	25,207	25,588	25,957	2.1%
	%	1.6%	1.8%	1.3%	1.5%	1.4%	
PEPCO		36,920	37,291	37,464	37,707	37,939	0.9%
	%	0.7%	1.0%	0.5%	0.6%	0.6%	
PL		49,822	50,459	50,842	51,377	51,877	1.3%
	%	1.0%	1.3%	0.8%	1.1%	1.0%	
PS		53,414	53,875	54,151	54,562	54,969	0.9%
	%	0.7%	0.9%	0.5%	0.8%	0.7%	
RECO		1,840	1,861	1,872	1,889	1,909	1.3%
	%	0.8%	1.1%	0.6%	0.9%	1.1%	
UGI		1,227	1,242	1,248	1,256	1,265	1.1%
	%	0.8%	1.2%	0.5%	0.6%	0.7%	
PJM MID-ATLANTIC		342,120	346,292	348,818	352,220	355,520	1.2%
	%	1.0%	1.2%	0.7%	1.0%	0.9%	
FE/GPU		73,185	74,289	75,051	76,013	76,963	1.7%
	%	1.3%	1.5%	1.0%	1.3%	1.2%	
PLGRP		51,049	51,701	52,090	52,633	53,142	1.3%
	%	1.0%	1.3%	0.8%	1.0%	1.0%	

Table E-1

**ANNUAL NET ENERGY (GWh) AND GROWTH RATES FOR  
EACH PJM WESTERN AND PJM SOUTHERN ZONE, GEOGRAPHIC REGION AND RTO  
2012-2022**

	ESTIMATED												Annual
	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	Growth
													Rate (10 yr)
AEP	136,973	139,421	140,646	143,235	145,633	147,902	148,678	149,858	150,893	152,719	153,558	154,823	1.1%
	%	1.8%	0.9%	1.8%	1.7%	1.6%	0.5%	0.8%	0.7%	1.2%	0.5%	0.8%	
APS	48,592	50,372	50,953	52,027	53,052	54,055	54,491	55,080	55,621	56,454	56,967	57,589	1.3%
	%	3.7%	1.2%	2.1%	2.0%	1.9%	0.8%	1.1%	1.0%	1.5%	0.9%	1.1%	
ATSI	68,994	71,223	71,579	72,755	73,792	74,762	74,989	75,419	75,752	76,611	77,007	77,512	0.8%
	%	3.2%	0.5%	1.6%	1.4%	1.3%	0.3%	0.6%	0.4%	1.1%	0.5%	0.7%	
COMED	102,058	105,830	107,762	111,351	114,883	117,951	119,430	121,112	122,731	125,012	126,578	128,400	2.0%
	%	3.7%	1.8%	3.3%	3.2%	2.7%	1.3%	1.4%	1.3%	1.9%	1.3%	1.4%	
DAY	17,395	18,086	18,386	19,053	19,700	20,239	20,476	20,743	20,987	21,381	21,652	21,960	2.0%
	%	4.0%	1.7%	3.6%	3.4%	2.7%	1.2%	1.3%	1.2%	1.9%	1.3%	1.4%	
DEOK	27,638	28,539	28,791	29,392	29,957	30,491	30,717	31,006	31,264	31,690	31,961	32,278	1.2%
	%	3.3%	0.9%	2.1%	1.9%	1.8%	0.7%	0.9%	0.8%	1.4%	0.9%	1.0%	
DLCO	14,796	15,159	15,329	15,667	15,985	16,273	16,381	16,528	16,656	16,869	16,985	17,134	1.2%
	%	2.5%	1.1%	2.2%	2.0%	1.8%	0.7%	0.9%	0.8%	1.3%	0.7%	0.9%	
PJM WESTERN	416,446	428,630	433,446	443,480	453,002	461,673	465,162	469,746	473,904	480,736	484,708	489,696	1.3%
	%	2.9%	1.1%	2.3%	2.1%	1.9%	0.8%	1.0%	0.9%	1.4%	0.8%	1.0%	
DOM	94,768	97,678	99,505	102,572	105,521	108,297	109,771	111,459	113,167	115,341	116,952	118,764	2.0%
	%	3.1%	1.9%	3.1%	2.9%	2.6%	1.4%	1.5%	1.5%	1.9%	1.4%	1.5%	
PJM RTO	795,370	821,786	831,898	851,726	870,636	888,097	895,748	905,401	914,548	928,298	936,942	947,297	1.4%
	%	3.3%	1.2%	2.4%	2.2%	2.0%	0.9%	1.1%	1.0%	1.5%	0.9%	1.1%	

Note: Estimated 2011 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  
2023-2027

		2023	2024	2025	2026	2027	Annual Growth Rate (15 yr)
AEP		155,963	157,566	158,385	159,666	160,926	1.0%
	%	0.7%	1.0%	0.5%	0.8%	0.8%	
APS		58,185	58,943	59,394	60,024	60,638	1.2%
	%	1.0%	1.3%	0.8%	1.1%	1.0%	
ATSI		77,899	78,467	78,786	79,304	79,784	0.8%
	%	0.5%	0.7%	0.4%	0.7%	0.6%	
COMED		130,108	132,131	133,622	135,445	137,222	1.7%
	%	1.3%	1.6%	1.1%	1.4%	1.3%	
DAY		22,236	22,563	22,808	23,111	23,397	1.7%
	%	1.3%	1.5%	1.1%	1.3%	1.2%	
DEOK		32,558	32,914	33,137	33,435	33,720	1.1%
	%	0.9%	1.1%	0.7%	0.9%	0.9%	
DLCO		17,270	17,440	17,541	17,685	17,821	1.1%
	%	0.8%	1.0%	0.6%	0.8%	0.8%	
PJM WESTERN		494,219	500,024	503,673	508,670	513,508	1.2%
	%	0.9%	1.2%	0.7%	1.0%	1.0%	
DOM		120,515	122,571	123,968	125,635	127,283	1.8%
	%	1.5%	1.7%	1.1%	1.3%	1.3%	
PJM RTO		956,854	968,887	976,459	986,525	996,311	1.3%
	%	1.0%	1.3%	0.8%	1.0%	1.0%	

Table E-2

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

	<b>AE</b>	<b>BGE</b>	<b>DPL</b>	<b>JCPL</b>	<b>METED</b>	<b>PECO</b>	<b>PENLC</b>	<b>PEPCO</b>	<b>PL</b>	<b>PS</b>	<b>RECO</b>	<b>UGI</b>	<b>PJM MID-ATLANTIC</b>
Jan 2012	968	3,251	1,799	2,141	1,506	3,830	1,741	2,983	4,100	4,028	129	108	26,584
Feb 2012	883	2,932	1,633	1,942	1,384	3,491	1,606	2,702	3,729	3,693	117	97	24,209
Mar 2012	865	2,790	1,529	1,924	1,370	3,447	1,618	2,574	3,637	3,732	121	94	23,701
Apr 2012	797	2,477	1,367	1,763	1,236	3,162	1,469	2,356	3,199	3,506	114	80	21,526
May 2012	847	2,591	1,436	1,864	1,283	3,289	1,510	2,498	3,274	3,699	123	80	22,494
Jun 2012	992	3,034	1,680	2,162	1,349	3,680	1,499	2,975	3,379	4,229	144	82	25,205
Jul 2012	1,252	3,485	1,964	2,593	1,492	4,243	1,600	3,382	3,725	4,891	167	93	28,887
Aug 2012	1,221	3,422	1,925	2,505	1,488	4,162	1,629	3,300	3,718	4,784	161	91	28,406
Sep 2012	916	2,741	1,534	1,933	1,267	3,365	1,494	2,677	3,252	3,827	126	79	23,211
Oct 2012	855	2,583	1,445	1,883	1,313	3,354	1,569	2,466	3,347	3,741	123	83	22,762
Nov 2012	838	2,615	1,458	1,862	1,303	3,320	1,558	2,459	3,421	3,641	120	88	22,683
Dec 2012	958	3,094	1,718	2,122	1,465	3,746	1,707	2,853	3,955	3,957	130	105	25,810
	<b>AE</b>	<b>BGE</b>	<b>DPL</b>	<b>JCPL</b>	<b>METED</b>	<b>PECO</b>	<b>PENLC</b>	<b>PEPCO</b>	<b>PL</b>	<b>PS</b>	<b>RECO</b>	<b>UGI</b>	<b>MID-ATLANTIC</b>
Jan 2013	981	3,279	1,820	2,176	1,534	3,897	1,786	3,015	4,163	4,077	131	109	26,968
Feb 2013	862	2,852	1,593	1,904	1,359	3,427	1,586	2,632	3,652	3,603	115	95	23,680
Mar 2013	873	2,803	1,539	1,948	1,386	3,496	1,650	2,588	3,667	3,756	122	95	23,923
Apr 2013	811	2,509	1,386	1,802	1,271	3,237	1,520	2,386	3,274	3,564	116	82	21,958
May 2013	860	2,618	1,452	1,899	1,309	3,355	1,551	2,523	3,326	3,748	126	81	22,848
Jun 2013	1,004	3,054	1,691	2,188	1,370	3,727	1,534	2,987	3,413	4,256	145	83	25,452
Jun 2013	1,270	3,536	1,992	2,647	1,534	4,342	1,657	3,427	3,812	4,974	171	95	29,457
Jul 2013	1,235	3,455	1,941	2,540	1,513	4,229	1,668	3,322	3,770	4,828	163	92	28,756
Sep 2013	930	2,777	1,554	1,974	1,297	3,446	1,540	2,709	3,317	3,887	128	80	23,639
Oct 2013	867	2,620	1,465	1,923	1,344	3,432	1,617	2,497	3,412	3,797	126	84	23,184
Nov 2013	848	2,645	1,475	1,893	1,323	3,384	1,594	2,484	3,467	3,682	122	89	23,006
Dec 2013	961	3,114	1,728	2,138	1,485	3,806	1,745	2,878	4,001	3,982	132	106	26,076
	<b>AE</b>	<b>BGE</b>	<b>DPL</b>	<b>JCPL</b>	<b>METED</b>	<b>PECO</b>	<b>PENLC</b>	<b>PEPCO</b>	<b>PL</b>	<b>PS</b>	<b>RECO</b>	<b>UGI</b>	<b>MID-ATLANTIC</b>
Jan 2014	993	3,320	1,846	2,220	1,570	3,987	1,844	3,055	4,241	4,139	134	111	27,460
Feb 2014	874	2,890	1,616	1,944	1,392	3,508	1,638	2,669	3,723	3,658	117	97	24,126
Mar 2014	887	2,848	1,565	1,994	1,424	3,589	1,709	2,627	3,750	3,822	126	96	24,437
Apr 2014	827	2,555	1,411	1,848	1,305	3,323	1,578	2,421	3,343	3,629	119	83	22,442
May 2014	877	2,666	1,476	1,947	1,344	3,444	1,609	2,556	3,399	3,814	129	83	23,344
Jun 2014	1,024	3,114	1,721	2,245	1,411	3,835	1,597	3,033	3,506	4,340	149	86	26,061
Jun 2014	1,295	3,608	2,028	2,715	1,584	4,460	1,729	3,479	3,915	5,077	176	98	30,164
Jul 2014	1,256	3,507	1,968	2,591	1,546	4,318	1,723	3,350	3,835	4,885	167	94	29,240
Sep 2014	952	2,841	1,590	2,036	1,340	3,563	1,607	2,762	3,411	3,986	133	82	24,303
Oct 2014	887	2,673	1,493	1,978	1,382	3,530	1,682	2,537	3,497	3,873	129	86	23,747
Nov 2014	866	2,693	1,504	1,943	1,357	3,474	1,652	2,522	3,538	3,753	126	91	23,519
Dec 2014	983	3,176	1,768	2,205	1,542	3,926	1,835	2,938	4,122	4,092	136	108	26,831

Table E-2

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

	AEP	APS	ATSI	COMED	DAY	DEOK	DLCO	PJM WESTERN	DOM	PJM RTO
Jan 2012	13,152	4,865	6,377	9,197	1,627	2,537	1,314	39,069	9,135	74,788
Feb 2012	11,940	4,433	5,901	8,427	1,483	2,298	1,207	35,689	8,202	68,100
Mar 2012	11,675	4,289	5,891	8,461	1,449	2,232	1,220	35,217	7,666	66,584
Apr 2012	10,412	3,759	5,462	7,873	1,341	2,076	1,139	32,062	6,845	60,433
May 2012	10,782	3,849	5,681	8,224	1,402	2,190	1,205	33,333	7,243	63,070
Jun 2012	11,289	3,999	5,826	8,909	1,522	2,507	1,293	35,345	8,540	69,090
Jul 2012	12,342	4,381	6,409	10,374	1,700	2,810	1,452	39,468	9,589	77,944
Aug 2012	12,420	4,384	6,449	10,167	1,709	2,792	1,436	39,357	9,394	77,157
Sep 2012	10,672	3,795	5,602	8,336	1,409	2,237	1,204	33,255	7,706	64,172
Oct 2012	10,944	3,906	5,772	8,401	1,437	2,207	1,208	33,875	7,224	63,861
Nov 2012	11,109	4,024	5,692	8,297	1,425	2,184	1,188	33,919	7,356	63,958
Dec 2012	12,684	4,688	6,161	9,164	1,582	2,469	1,293	38,041	8,778	72,629
	AEP	APS	ATSI	COMED	DAY	DEOK	DLCO	WESTERN	DOM	PJM RTO
Jan 2013	13,328	4,943	6,428	9,376	1,657	2,565	1,332	39,629	9,318	75,915
Feb 2013	11,665	4,343	5,736	8,285	1,455	2,241	1,179	34,904	8,075	66,659
Mar 2013	11,750	4,332	5,905	8,592	1,466	2,244	1,232	35,521	7,805	67,249
Apr 2013	10,596	3,837	5,546	8,092	1,379	2,111	1,161	32,722	7,028	61,708
May 2013	10,913	3,906	5,734	8,413	1,433	2,216	1,223	33,838	7,410	64,096
Jun 2013	11,375	4,036	5,847	9,053	1,545	2,528	1,306	35,690	8,695	69,837
Jul 2013	12,556	4,466	6,513	10,647	1,746	2,859	1,480	40,267	9,818	79,542
Aug 2013	12,534	4,438	6,489	10,350	1,738	2,819	1,455	39,823	9,573	78,152
Sep 2013	10,824	3,860	5,666	8,539	1,444	2,273	1,225	33,831	7,904	65,374
Oct 2013	11,099	3,974	5,840	8,624	1,475	2,242	1,230	34,484	7,418	65,086
Nov 2013	11,217	4,083	5,724	8,475	1,450	2,210	1,203	34,362	7,532	64,900
Dec 2013	12,789	4,735	6,151	9,316	1,598	2,483	1,303	38,375	8,929	73,380
	AEP	APS	ATSI	COMED	DAY	DEOK	DLCO	WESTERN	DOM	PJM RTO
Jan 2014	13,547	5,035	6,506	9,624	1,701	2,606	1,355	40,374	9,557	77,391
Feb 2014	11,854	4,426	5,801	8,506	1,494	2,278	1,200	35,559	8,292	67,977
Mar 2014	11,975	4,424	5,990	8,852	1,514	2,289	1,258	36,302	8,039	68,778
Apr 2014	10,762	3,911	5,621	8,357	1,429	2,154	1,186	33,420	7,256	63,118
May 2014	11,082	3,975	5,810	8,688	1,484	2,260	1,248	34,547	7,639	65,530
Jun 2014	11,599	4,127	5,961	9,372	1,606	2,586	1,339	36,590	8,957	71,608
Jul 2014	12,839	4,568	6,647	11,048	1,818	2,929	1,516	41,365	10,119	81,648
Aug 2014	12,686	4,503	6,552	10,636	1,787	2,861	1,480	40,505	9,817	79,562
Sep 2014	11,061	3,956	5,774	8,866	1,508	2,333	1,257	34,755	8,194	67,252
Oct 2014	11,299	4,059	5,927	8,938	1,532	2,290	1,258	35,303	7,674	66,724
Nov 2014	11,394	4,165	5,794	8,754	1,501	2,253	1,228	35,089	7,784	66,392
Dec 2014	13,137	4,878	6,372	9,710	1,679	2,553	1,342	39,671	9,244	75,746

**Table E-3**

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

	<b>FE-EAST</b>	<b>PLGRP</b>
Jan 2012	5,388	4,208
Feb 2012	4,932	3,826
Mar 2012	4,912	3,731
Apr 2012	4,468	3,279
May 2012	4,657	3,354
Jun 2012	5,010	3,461
Jul 2012	5,685	3,818
Aug 2012	5,622	3,809
Sep 2012	4,694	3,331
Oct 2012	4,765	3,430
Nov 2012	4,723	3,509
Dec 2012	5,294	4,060
	<b>FE-EAST</b>	<b>PLGRP</b>
Jan 2013	5,496	4,272
Feb 2013	4,849	3,747
Mar 2013	4,984	3,762
Apr 2013	4,593	3,356
May 2013	4,759	3,407
Jun 2013	5,092	3,496
Jul 2013	5,838	3,907
Aug 2013	5,721	3,862
Sep 2013	4,811	3,397
Oct 2013	4,884	3,496
Nov 2013	4,810	3,556
Dec 2013	5,368	4,107
	<b>FE-EAST</b>	<b>PLGRP</b>
Jan 2014	5,634	4,352
Feb 2014	4,974	3,820
Mar 2014	5,127	3,846
Apr 2014	4,731	3,426
May 2014	4,900	3,482
Jun 2014	5,253	3,592
Jul 2014	6,028	4,013
Aug 2014	5,860	3,929
Sep 2014	4,983	3,493
Oct 2014	5,042	3,583
Nov 2014	4,952	3,629
Dec 2014	5,582	4,230

Note: FE-EAST contains JCPL, METED, and PENLC zones; PLGRP contains PL and UGI zones.

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

**SUMMER**

<b>YEAR</b>	<b>NORMALIZED BASE</b>	<b>NORMALIZED COOLING</b>	<b>NORMALIZED TOTAL</b>	<b>UNRESTRICTED PEAK</b>	<b>PEAK DATE/TIME</b>
1998				131,416	Tuesday 07/21/1998 17:00
1999				139,290	Friday 07/30/1999 17:00
2000				129,732	Wednesday 08/09/2000 17:00
2001				148,878	Thursday 08/09/2001 16:00
2002				149,032	Thursday 08/01/2002 17:00
2003				143,578	Thursday 08/21/2003 17:00
2004				137,608	Tuesday 08/03/2004 17:00
2005				153,407	Tuesday 07/26/2005 16:00
2006				165,127	Wednesday 08/02/2006 17:00
2007				160,090	Wednesday 08/08/2007 16:00
2008				148,826	Monday 06/09/2008 17:00
2009				143,346	Monday 08/10/2009 16:00
2010			152,690	155,394	Wednesday 07/07/2010 17:00
2011			151,995	163,762	Thursday 07/21/2011 17:00

**WINTER**

<b>YEAR</b>	<b>NORMALIZED BASE</b>	<b>NORMALIZED HEATING</b>	<b>NORMALIZED TOTAL</b>	<b>UNRESTRICTED PEAK</b>	<b>PEAK DATE/TIME</b>
97/98				101,888	Wednesday 01/14/1998 19:00
98/99				114,126	Tuesday 01/05/1999 19:00
99/00				116,498	Thursday 01/27/2000 20:00
00/01				116,074	Wednesday 12/20/2000 19:00
01/02				110,457	Wednesday 01/02/2002 19:00
02/03				127,707	Thursday 01/23/2003 19:00
03/04				120,793	Monday 01/26/2004 19:00
04/05				129,223	Monday 12/20/2004 19:00
05/06				125,057	Wednesday 12/14/2005 19:00
06/07				134,568	Monday 02/05/2007 20:00
07/08				126,310	Thursday 01/03/2008 19:00
08/09				131,862	Friday 01/16/2009 19:00
09/10			129,400	123,265	Monday 01/04/2010 19:00
10/11			128,180	130,148	Tuesday 12/14/2010 19:00

Notes: Normalized values for 1998 - 2003 are calculated by PJM staff using the bottom-up coincident peak weather-normalization methodology.

Normalized values for 2004 - 2011 are calculated by PJM staff using a methodology consistent with the PJM Load Forecast Model.

All times are shown in hour ending Eastern Prevailing Time.

All historic peak values reflect the membership of the PJM RTO as of January 1, 2012.

**TABLE F-2**

**PJM RTO HISTORICAL NET ENERGY  
(GWH)**

<b>YEAR</b>	<b>ENERGY</b>	<b>GROWTH RATE</b>
1998	708,665	3.2%
1999	729,469	2.9%
2000	745,212	2.2%
2001	743,082	-0.3%
2002	771,925	3.9%
2003	770,344	-0.2%
2004	786,741	2.1%
2005	812,954	3.3%
2006	792,784	-2.5%
2007	822,718	3.8%
2008	811,312	-1.4%
2009	770,763	-5.0%
2010	808,977	5.0%
2011		

Note: All historic net energy values reflect the membership of the PJM RTO as of January 1, 2012.

**Table G-1**

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

	<b>5-Year (2012-17)</b>	<b>10-Year (2012-22)</b>	<b>15 Year (2012-27)</b>
AE	1.8%	1.3%	1.2%
BGE	2.1%	1.7%	1.5%
DPL	2.3%	2.0%	1.8%
JCPL	1.9%	1.5%	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	2.0%	1.7%	1.5%
PS	2.0%	1.6%	1.4%
RECO	1.7%	1.3%	1.1%
UGI	1.4%	1.1%	0.9%
AEP	2.3%	1.8%	1.6%
APS	2.2%	1.8%	1.6%
ATSI	2.2%	1.7%	1.5%
COMED	2.2%	1.7%	1.6%
DAY	1.9%	1.5%	1.3%
DEOK	2.1%	1.6%	1.4%
DLCO	2.1%	1.7%	1.5%
DOM	2.1%	1.7%	1.5%
PJM RTO	2.1%	1.7%	1.5%

Source: Moody's Economy.com, December, 2011

Note: 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.