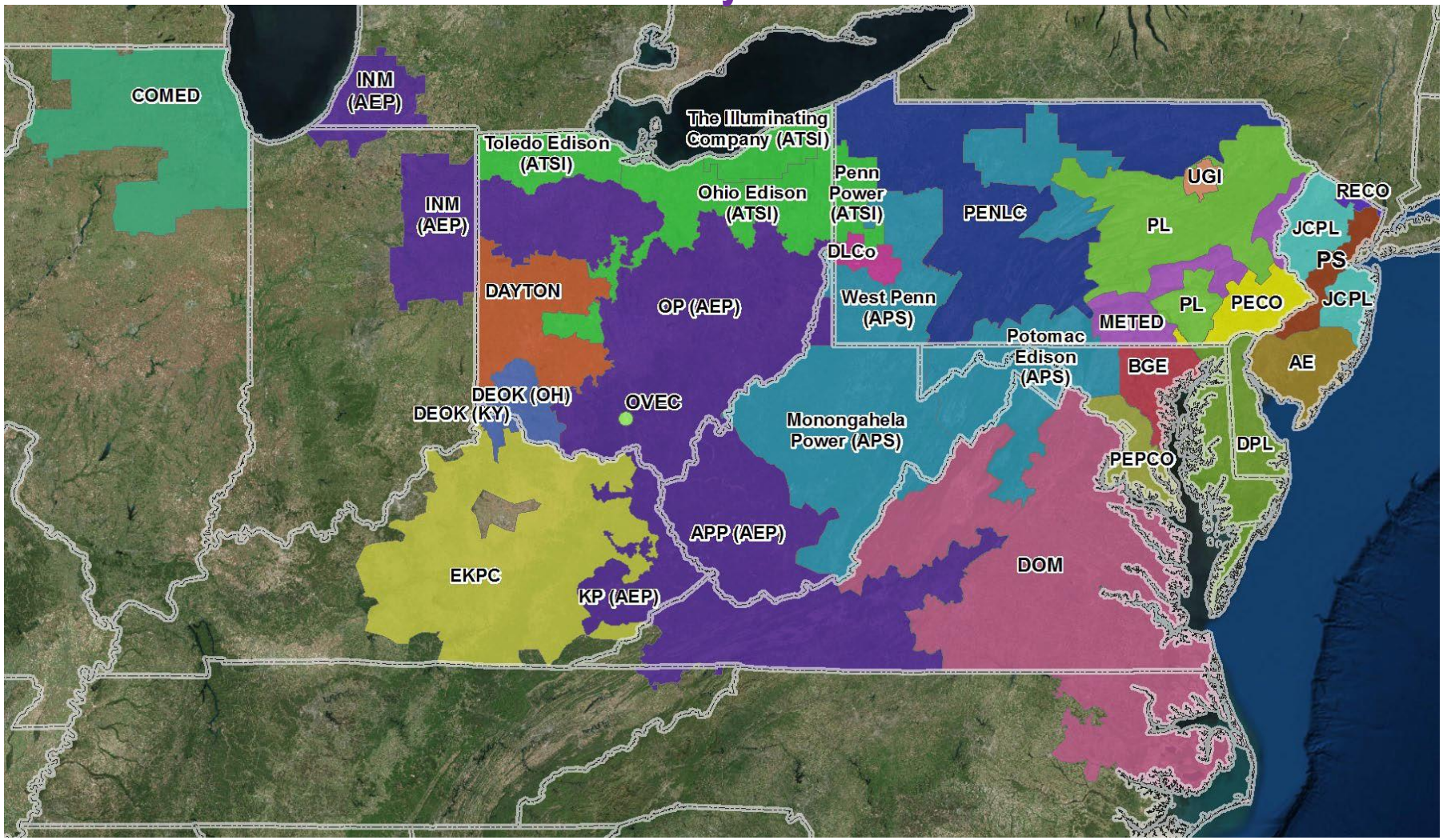
PJM Load Forecast Report

January 2024



Prepared by PJM Resource Adequacy Planning Department

Revised 2/1/2024

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TERMS AND ABBREVIATIONS USED IN THIS REPORT

AE	Atlantic Electric zone
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)
Battery Storage	(Also Battery Energy Storage System – BESS) Devices that enable generated energy to be stored and then released at a later time
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
EKPC	East Kentucky Power Cooperative zone (incorporated 6/1/2013)
FE-East	The combination of FirstEnergy's Jersey Central Power & Light, Metropolitan Edison, and Pennsylvania Electric zones (formerly GPU)
Heating Load	The weather-sensitive portion of winter peak load
INM	Indiana Michigan Power, sub-zone of AEP
JCPL	Jersey Central Power & Light zone
KP	Kentucky Power, sub-zone of AEP

METED	Metropolitan Edison zone
MP	Monongahela Power, sub-zone of APS
NERC	North American Electric Reliability Corporation
Net Energy	Net Energy for Load, measured as net generation of main generating units plus energy receipts minus energy deliveries
OEP	Ohio Edison, sub-zone of ATSI
OP	Ohio Power, sub-zone of AEP
OVEC	Ohio Valley Electric Corporation zone (incorporated 12/1/2018)
PECO	PECO Energy zone
PED	Potomac Edison, sub-zone of APS
PEPCO	Potomac Electric Power zone
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
PRD	Price Responsive Demand
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 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

2024 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, distributed solar generation, plug-in electric vehicles, and battery storage for each PJM zone, region, locational deliverability area (LDA), and the total RTO.

- Residential, Commercial, and Industrial sector models were estimated with data from 2013 through 2022. Weather scenarios were simulated with data from years 1994 through 2022, generating 377 scenarios.

- The economic forecast used was Moody's Analytics' September 2023 release.

- The 2023 update of Itron's end-use data provides the basis for appliance saturation rates, efficiency, and intensity and is consistent with the Energy Information Administration's 2023 Annual Energy Outlook. PJM obtained additional information from certain zones on Residential saturation rates based on their own load research. Details on zones providing information are presented in the supplement.

- Consultant forecasts for behind the meter solar/battery and electric vehicles including light, medium & heavy duty were provided by S&P Global.

    - The behind the meter solar/battery values were derived by PJM from a forecast obtained from SPGCI
    - The electric vehicle values were derived by PJM from a forecast obtained from SPGCI

- The forecasts of the following zones have been adjusted to account for large, unanticipated load changes, market adjustments, and peak shaving adjustments (see Table B-9 and the supplement for details):
    - The AEP zone has been adjusted to account for growth in data center load and a chip processing plant;
    - The APS zone has been adjusted to account for growth in data center load;
    - The DOM zone has been adjusted to account for growth in data center load;
    - The PS zone has been adjusted to account for growth in data center load and port electrification;

- The EKPC forecast has been adjusted to account for a peak shaving program that commenced in the 2023 DY;
- The AEP, ATSI, DAYTON, DEOK, PL, and PENLC forecasts have been adjusted to account for Non-Retail Behind-the-Meter Generation (NRBTMG) transitioning to participation as Demand Response in the Reliability Pricing Model.

- Summer peak load growth for the PJM RTO is projected to average 1.6% per year over the next 10-year period and 1.6% over the next 15 years. The PJM RTO summer peak is forecasted to be 176,822 MW in 2034, a 10-year increase of 25,575 MW, and reaches 190,752 MW in 2039, a 15-year increase of 39,505 MW. Annualized 10-year growth rates for individual zones range from 0% to 5.5%; median of 0.5%.

- Winter peak load growth for PJM RTO is projected to average 1.9% per year over the next 10-year period, and 1.8% over the next 15-years. The PJM RTO winter peak load in 2033/34 is forecasted to be 163,069 MW, a 10-year increase of 28,410 MW, and reaches 176,195 MW in 2038/39, a 15-year increase of 41,536 MW. Annualized 10-year growth rates for individual zones range from 0 % to 5.0%; median of 0.7%.

- Net energy for load growth for PJM RTO is projected to average 2.3% per year over the next 10-year period, and 2.2% over the next 15-years. Total PJM RTO energy is forecasted to be 1,021,955 GWh in 2034, a 10-year increase of 208,627 GWh, and reaches 1,120,928 GWh in 2039, a 15-year increase of 307,600 GWh. Annualized 10- year growth rates for individual zones range from 0.1% to 7.3%; median of 0.7%.

- Compared to the 2023 Load Report, the 2024 PJM RTO summer peak forecast shows the following changes for three years of interest:
  - The next delivery year – 2024 +1,510 MW (1.0%)
  - The next RPM auction year – 2025 +2,569 MW (1.7%)
  - The next RTEP study year – 2029 +8,758 MW (5.6%)

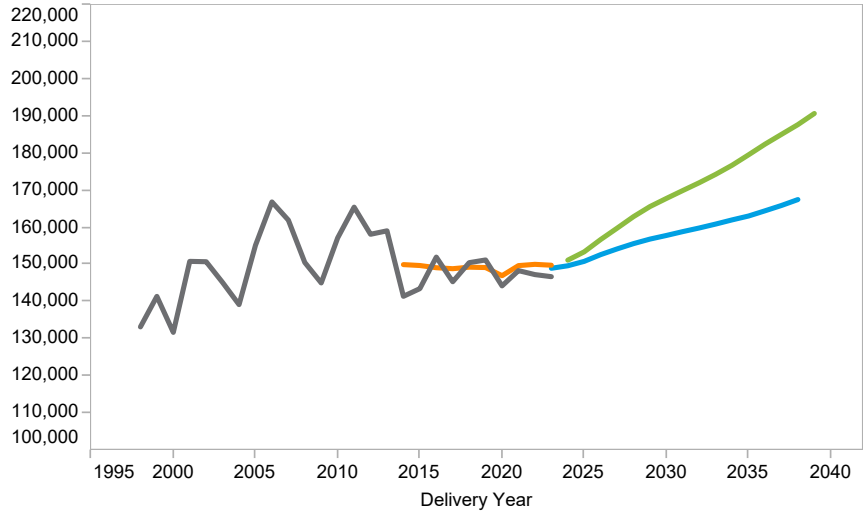
NOTE:

Unless noted otherwise, all peak and energy values are non-coincident, unrestricted peaks, which represent the peak load or net energy after reductions for distributed solar generation and battery storage (in summer peak), additions for plug-in electric vehicles, and prior to reductions for load management impacts.

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

PJM RTO

Summer Peak



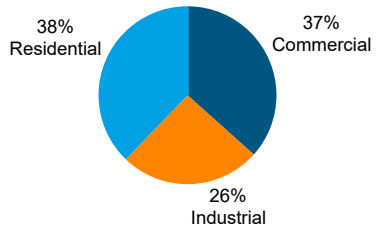
Weather - Annual Average 1994-2022

Avg Summer Daily Temp	*74.25*
Avg Summer Max Temp	*95.13*
Avg Winter Daily Temp	*34.06*
Avg Winter Min Temp	*3.93*

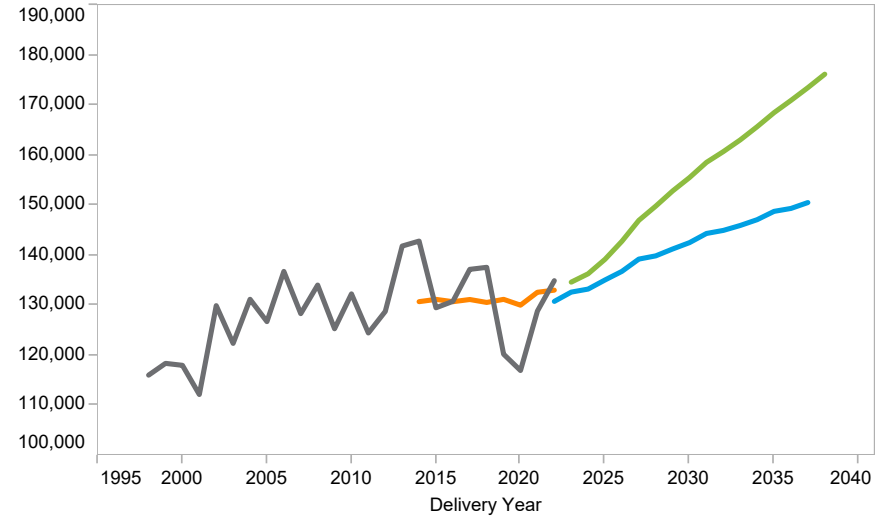
Zonal 10/15 Year Load Growth

SUMMER	1.6%	1.6%
WINTER	1.9%	1.8%

RCI Makeup



Winter Peak



LDAs

PJM Mid-Atlantic	Central MAAC
Eastern MAAC	Western MAAC
Southern MAAC	PJM West

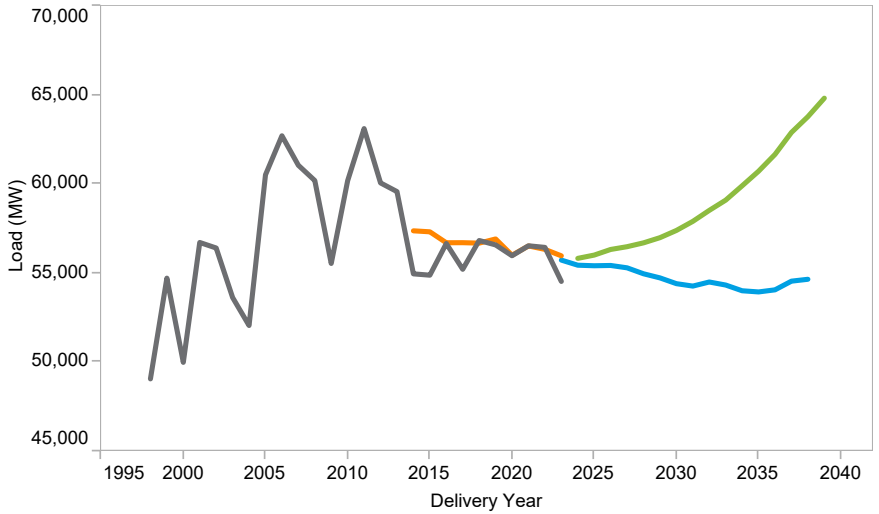
Zones

AE	DAYTON	JCPL	PEPCO
AEP	DEOK	METED	PL
APS	DLCO	OVEC	PS
ATSI	DOM	PECO	RECO
BGE	DPL	PENLC	UGI
COMED	EKPC		

Peak WN peak Forecast 2023 Forecast 2024

PJM Mid-Atlantic (MAAC)

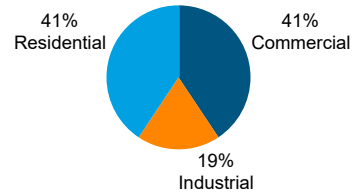
Summer Peak



Weather - Annual Average 1994-2022

Avg Summer Daily Temp	*74.7*
Avg Summer Max Temp	*96.3*
Avg Winter Daily Temp	*34.9*
Avg Winter Min Temp	*6.5*

RCI Makeup



Zonal 10/15 Year Load Growth

SUMMER	0.7%	1.0%
WINTER	1.7%	1.7%

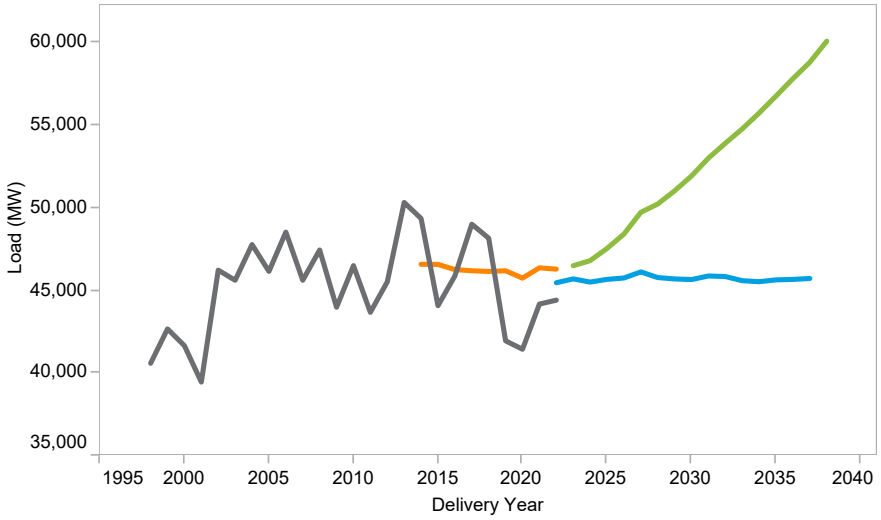
Zones

AE	JCPL	PENLC	PSEG
BGE	METED	PEPCO	RECO
DPL	PECO	PL	UGI

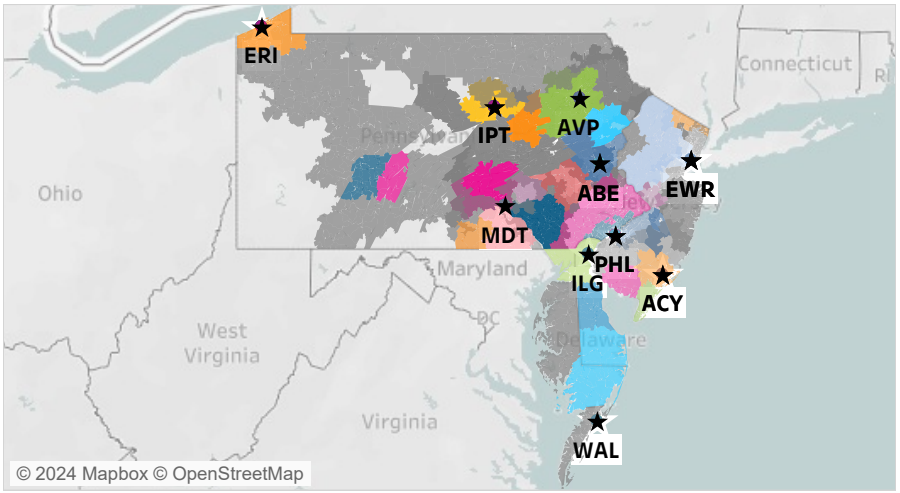
LDAs

E-MAAC	C-MAAC
S-MAAC	W-MAAC

Winter Peak



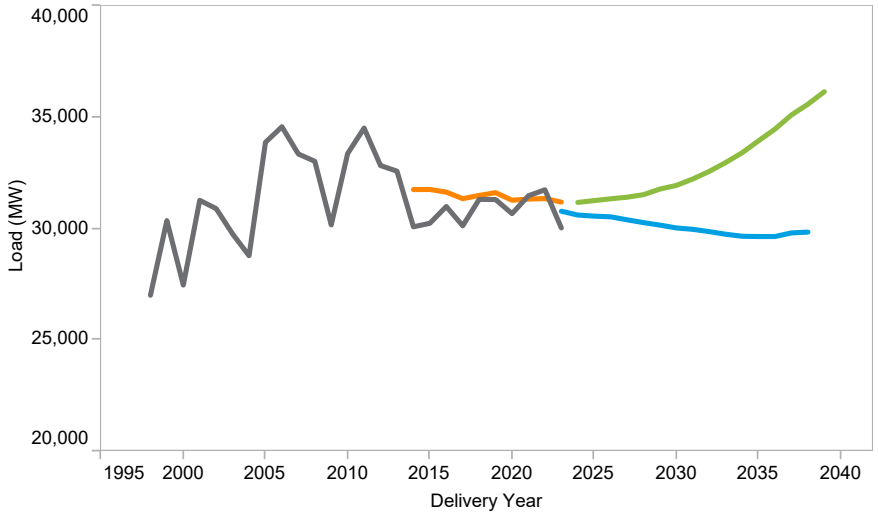
Metropolitan Statistical Areas and Weather Stations



Peak WN peak Forecast 2023 Forecast 2024

PJM Eastern Mid-Atlantic (E-MAAC)

Summer Peak



Weather - Annual Average 1994-2022

Avg Summer Daily Temp	*75.7*
Avg Summer Max Temp	*97.5*
Avg Winter Daily Temp	*36.2*
Avg Winter Min Temp	*7.9*

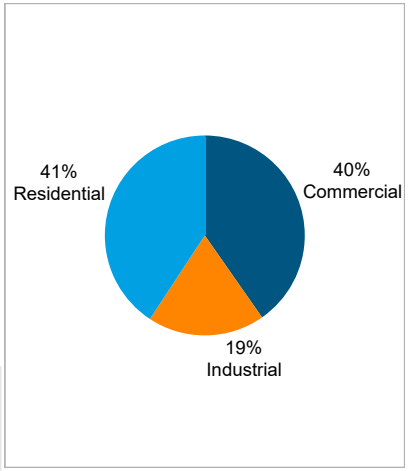
Zonal 10/15 Year Load Growth

SUMMER	0.7%	1.0%
WINTER	2.6%	2.5%

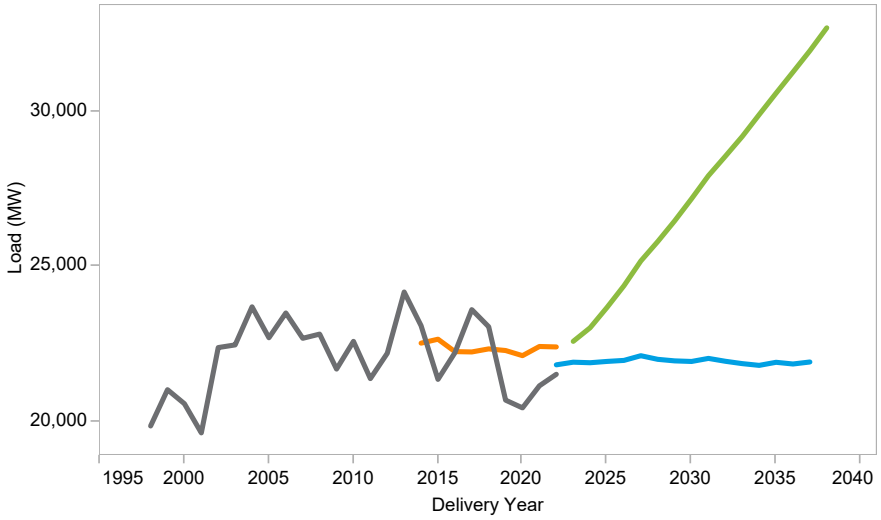
Zones

AE	PECO
DPL	PS
JCPL	RECO

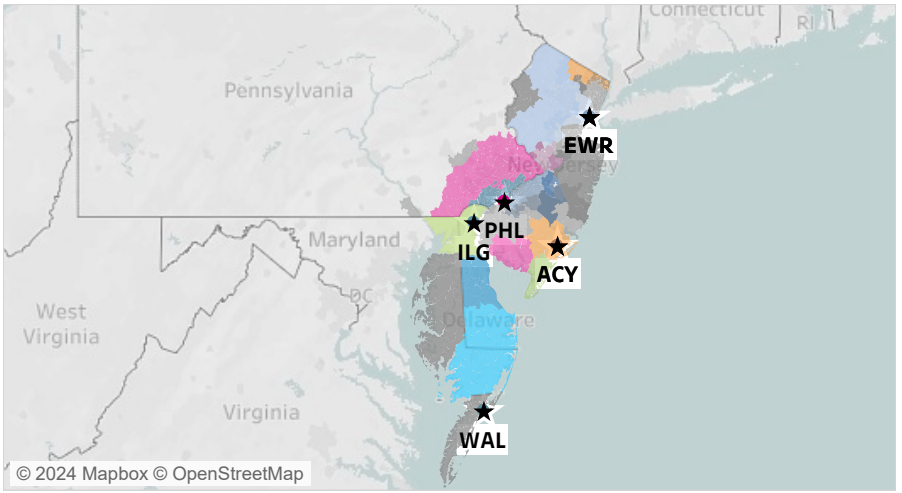
RCI Makeup



Winter Peak



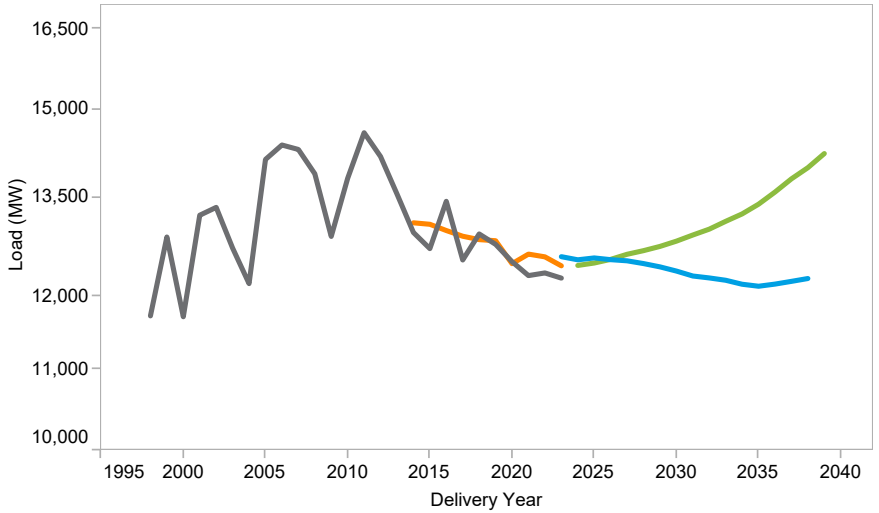
Metropolitan Statistical Areas and Weather Stations



Peak WN peak Forecast 2023 Forecast 2024

PJM Southern Mid-Atlantic (S-MAAC)

Summer Peak



Weather - Annual Average 1994-2022

Avg Summer Daily Temp	*77.1*
Avg Summer Max Temp	*98.0*
Avg Winter Daily Temp	*37.9*
Avg Winter Min Temp	*10.3*

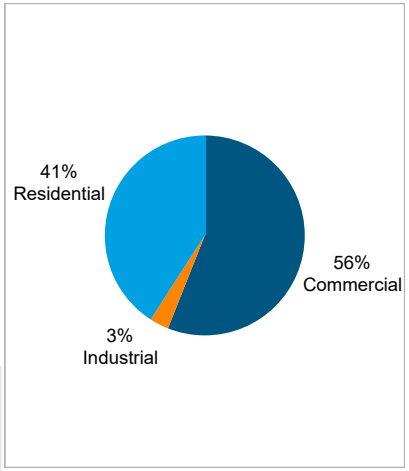
Zonal 10/15 Year Load Growth

SUMMER	0.6%	0.9%
WINTER	0.7%	0.9%

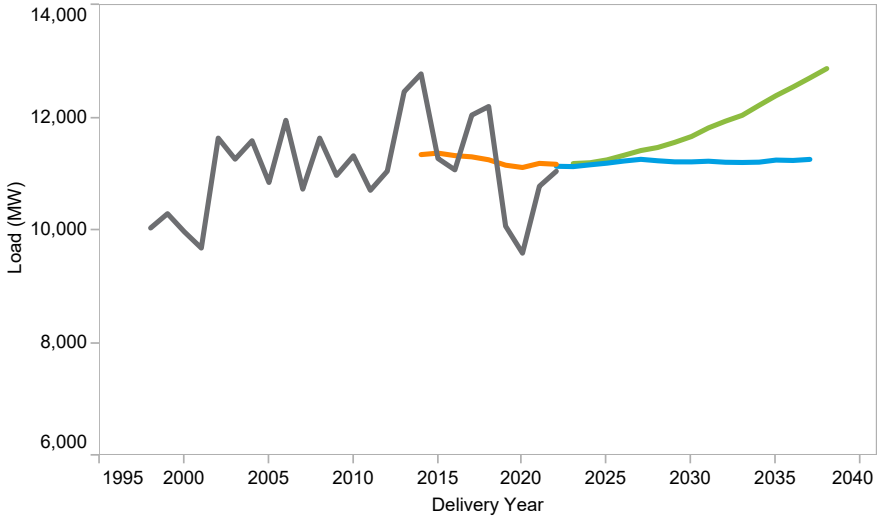
Zones

BGE PEPCO

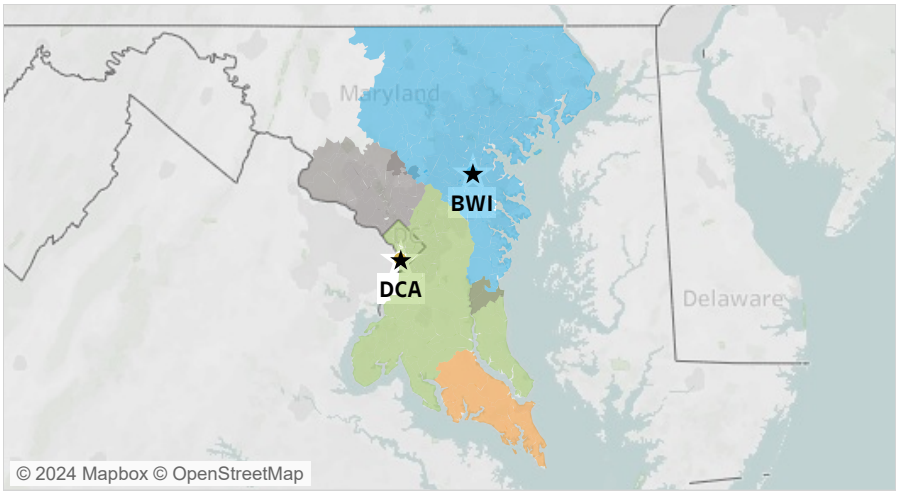
RCI Makeup



Winter Peak



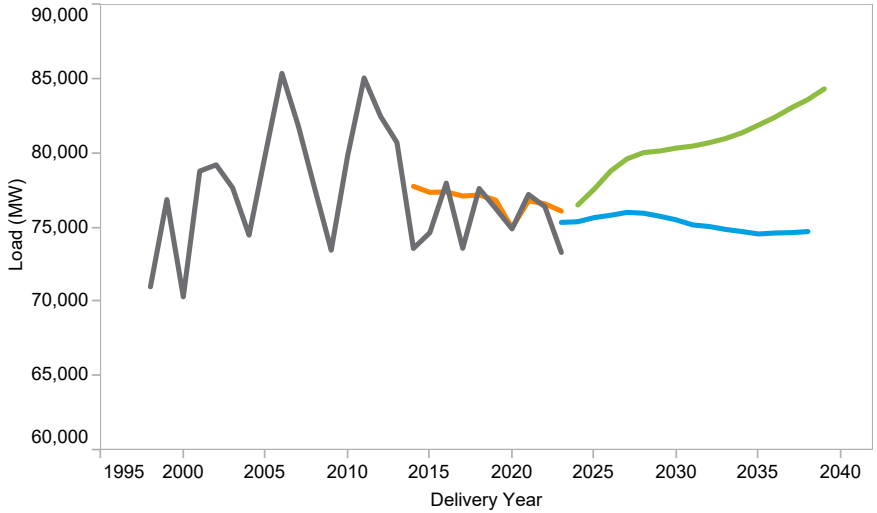
Metropolitan Statistical Areas and Weather Stations



Peak WN peak Forecast 2023 Forecast 2024

PJM Western

Summer Peak



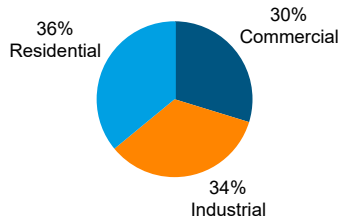
Weather - Annual Average 1994-2022

Avg Summer Daily Temp	*73.2*
Avg Summer Max Temp	*93.2*
Avg Winter Daily Temp	*32.0*
Avg Winter Min Temp	*-1.0*

Zonal 10/15 Year Load Growth

SUMMER	0.6%	0.7%
WINTER	0.9%	0.8%

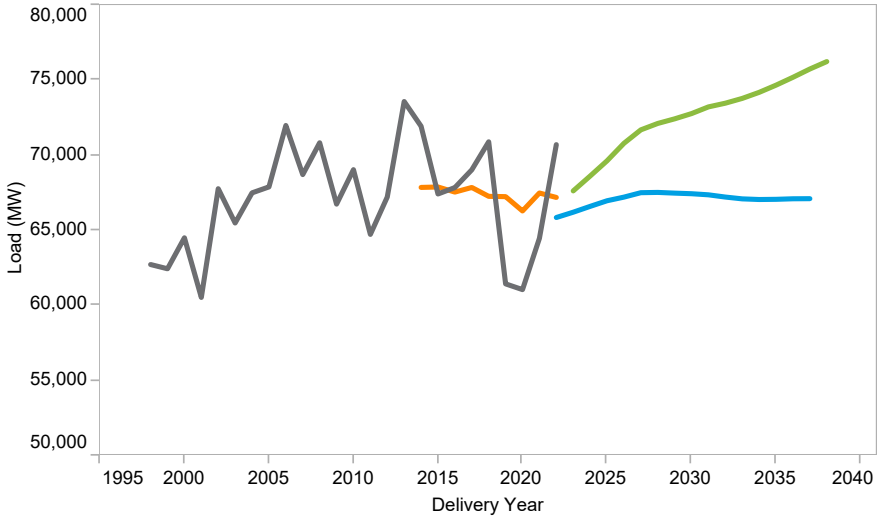
RCI Makeup



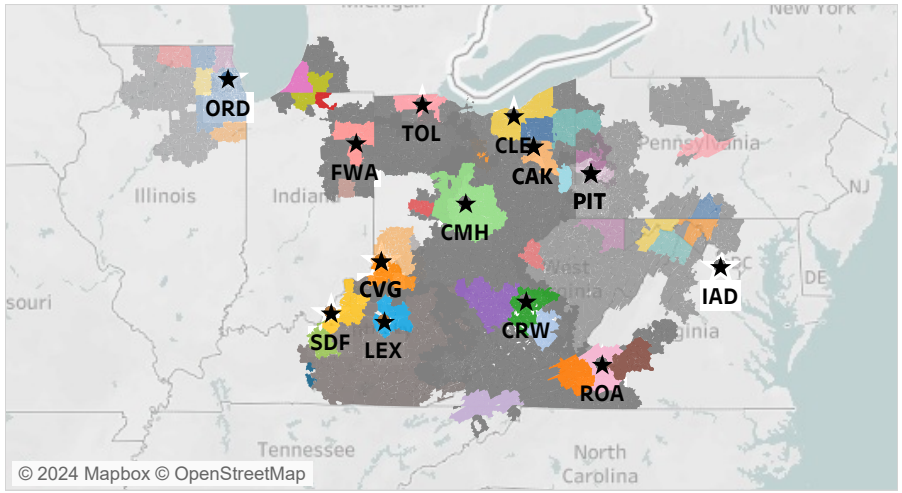
Zones

AEP	COMED	DLCO
APS	DAYTON	EKPC
ATSI	DEOK	OVEC

Winter Peak



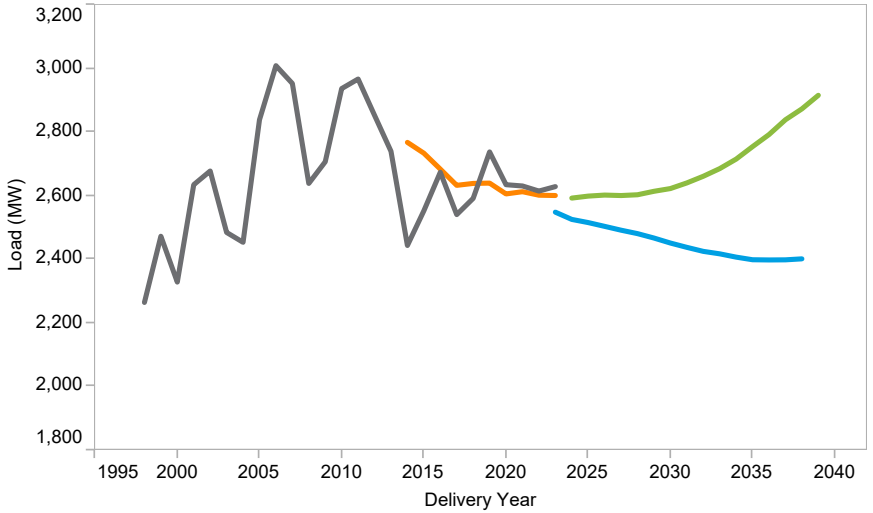
Metropolitan Statistical Areas and Weather Stations



Peak WN peak Forecast 2023 Forecast 2024

Atlantic Electric (AE)

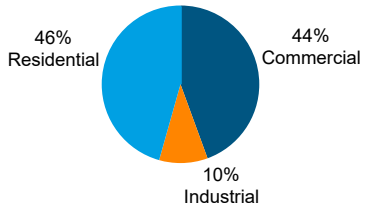
Summer Peak



Weather - Annual Average 1994-2022

Avg Summer Daily Temp	*74.4*
Avg Summer Max Temp	*97.0*
Avg Winter Daily Temp	*36.6*
Avg Winter Min Temp	*6.0*

RCI Makeup



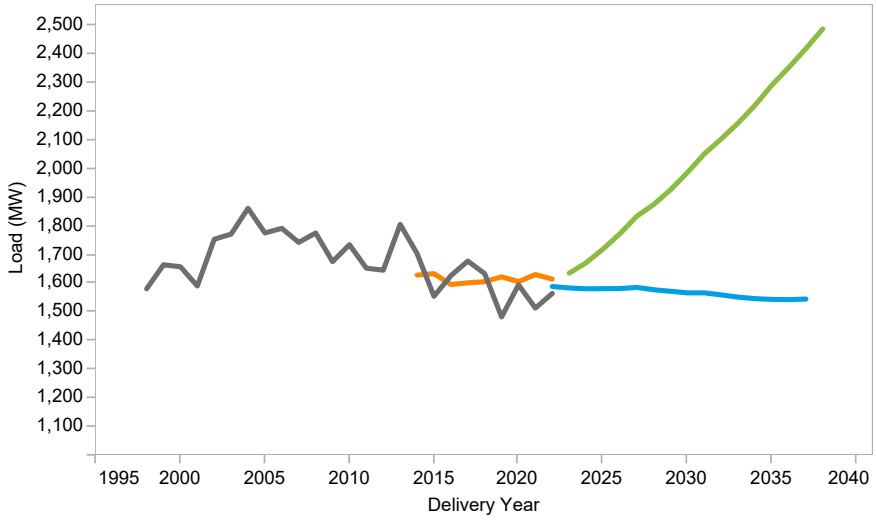
Zonal 10/15 Year Load Growth

SUMMER	0.5%	0.8%
WINTER	2.8%	2.8%

LDAs

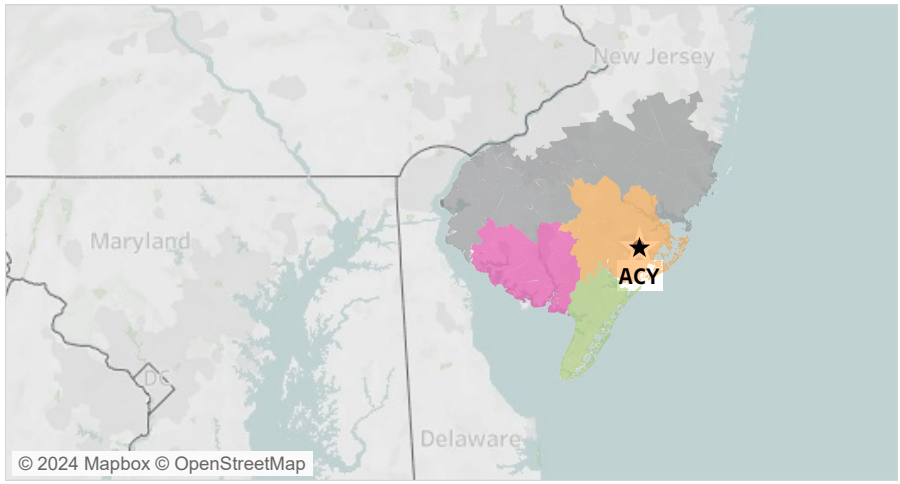
EASTERN MID-ATLANTIC PJM MID-ATLANTIC PJM RTO

Winter Peak



Peak WN peak Forecast 2023 Forecast 2024

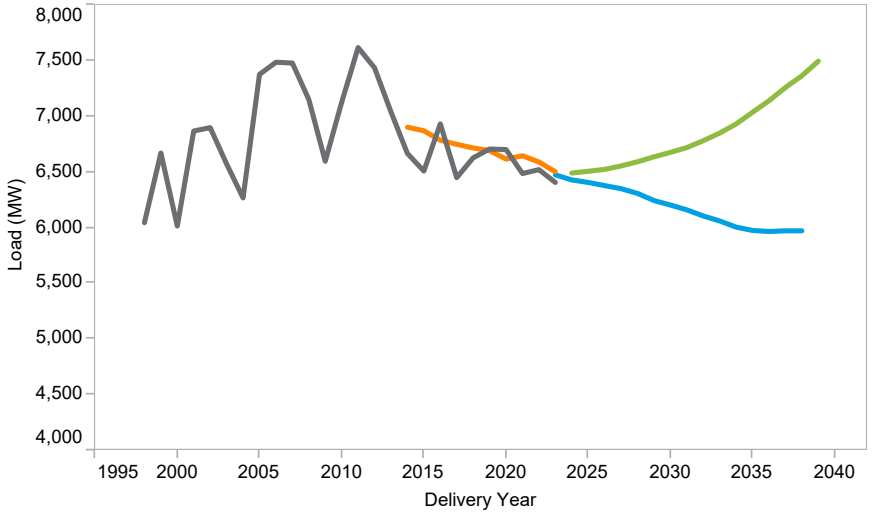
Metropolitan Statistical Areas and Weather Stations



AE - Non-Metro
Atlantic City-Hammonton, NJ
Ocean City, NJ
Vineland-Bridgeton, NJ

Baltimore Gas and Electric (BGE)

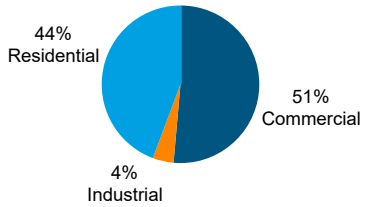
Summer Peak



Weather - Annual Average 1994-2022

Avg Summer Daily Temp	*76.0*
Avg Summer Max Temp	*98.0*
Avg Winter Daily Temp	*36.7*
Avg Winter Min Temp	*7.8*

RCI Makeup



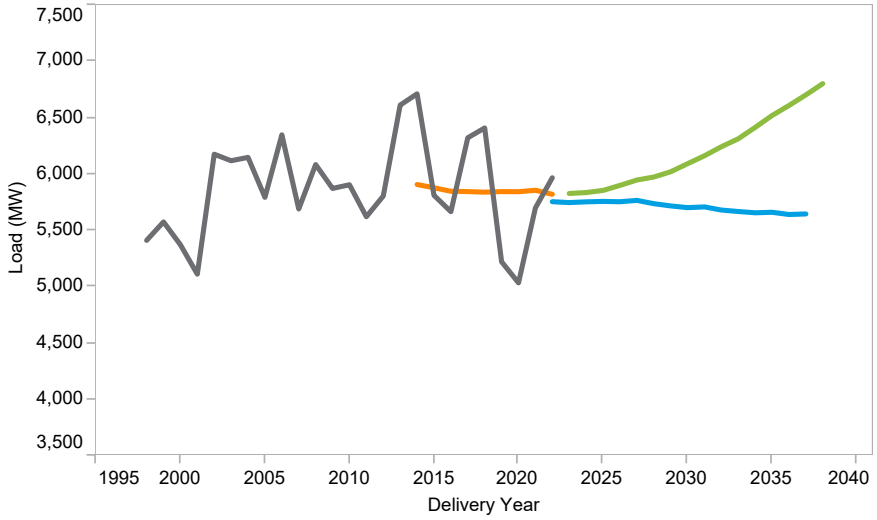
Zonal 10/15 Year Load Growth

SUMMER	0.7%	1.0%
WINTER	0.8%	1.0%

LDAs

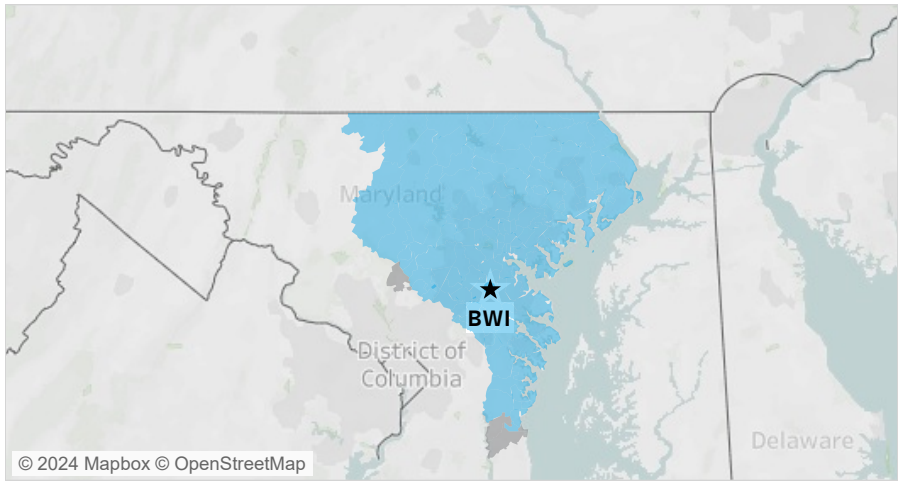
CENTRAL MID-ATLANTIC PJM MID-ATLANTIC PJM RTO
SOUTHERN MID-ATLANTIC

Winter Peak



Peak WN peak Forecast 2023 Forecast 2024

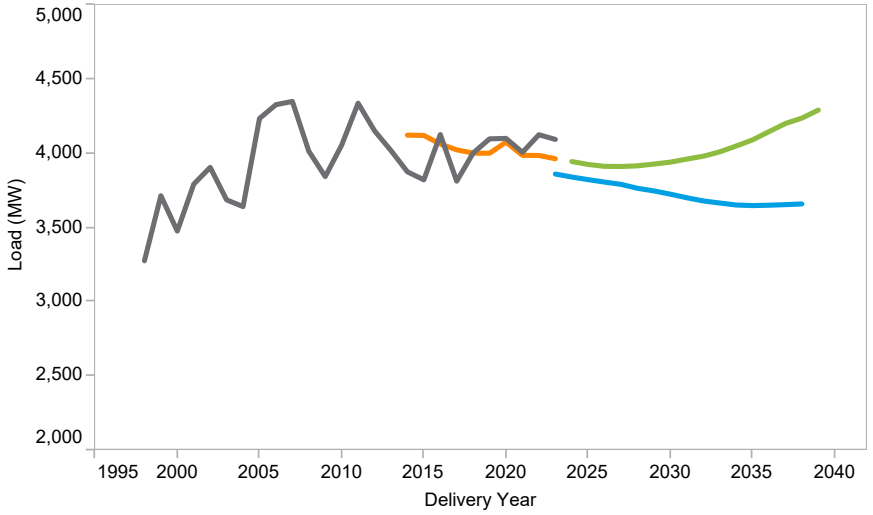
Metropolitan Statistical Areas and Weather Stations



Baltimore-Columbia-Towson, MD
BGE - Non-Metro

Delmarva Power and Light (DPL)

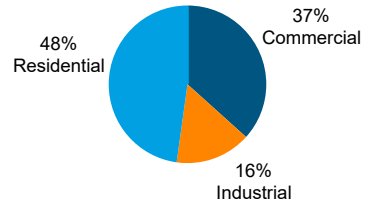
Summer Peak



Weather - Annual Average 1994-2022

Avg Summer Daily Temp	*75.5*
Avg Summer Max Temp	*95.0*
Avg Winter Daily Temp	*37.0*
Avg Winter Min Temp	*9.7*

RCI Makeup



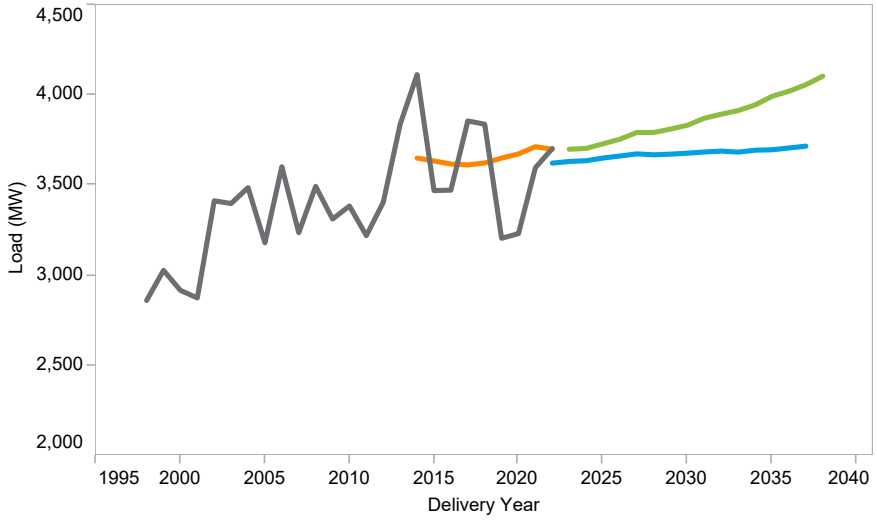
Zonal 10/15 Year Load Growth

SUMMER	0.3%	0.6%
WINTER	0.6%	0.7%

LDAs

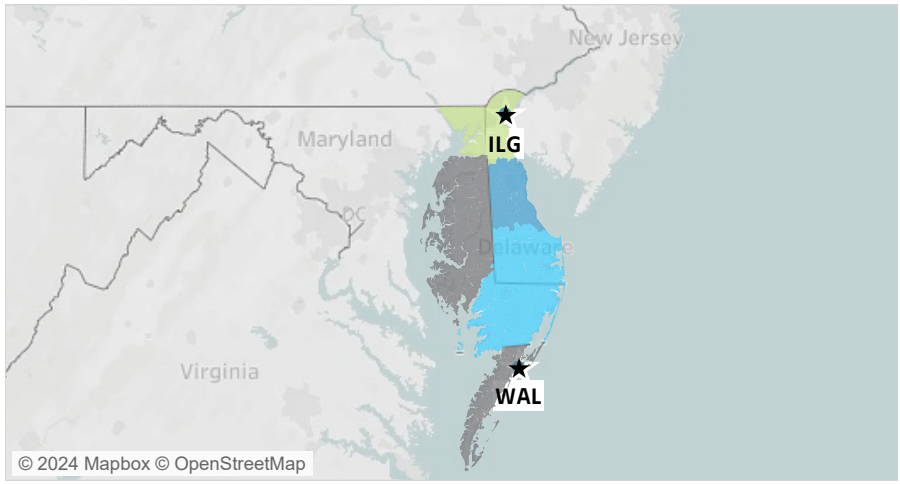
EASTERN MID-ATLANTIC PJM MID-ATLANTIC PJM RTO

Winter Peak



Peak WN peak Forecast 2023 Forecast 2024

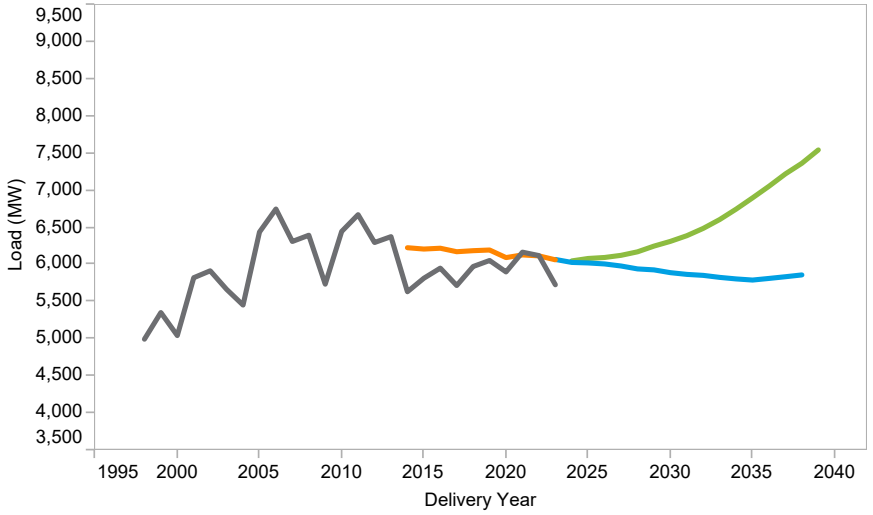
Metropolitan Statistical Areas and Weather Stations



Dover, DE
DPL - Non-Metro
Salisbury, MD-DE
Wilmington, DE-MD-NJ

Jersey Central Power and Light (JCPL)

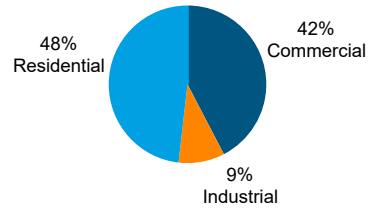
Summer Peak



Weather - Annual Average 1994-2022

Avg Summer Daily Temp	*75.6*
Avg Summer Max Temp	*98.0*
Avg Winter Daily Temp	*35.8*
Avg Winter Min Temp	*7.6*

RCI Makeup



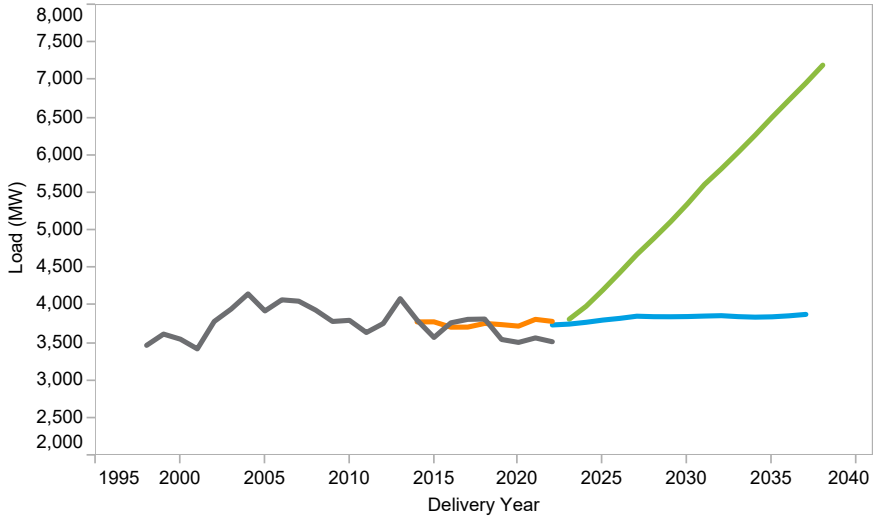
Zonal 10/15 Year Load Growth

SUMMER	1.1%	1.5%
WINTER	4.7%	4.3%

LDAs

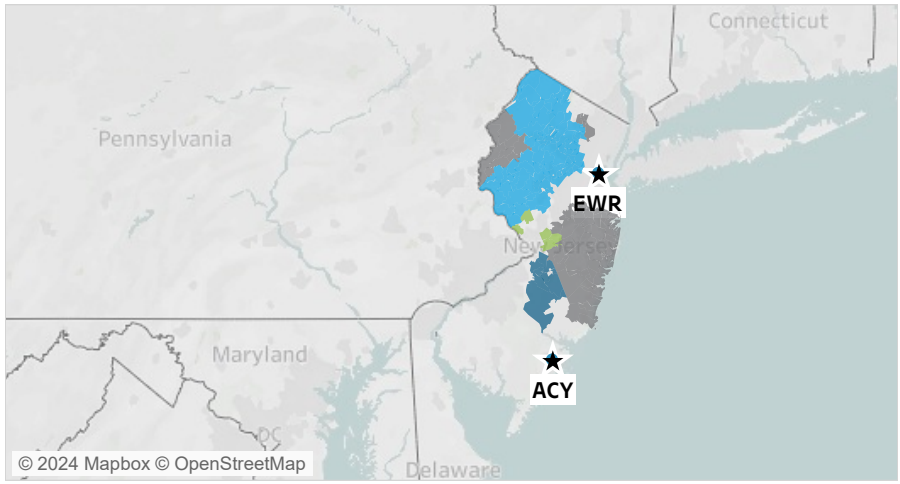
EASTERN MID-ATLANTIC GPU PJM MID-ATLANTIC PJM RTO

Winter Peak



Peak WN peak Forecast 2023 Forecast 2024

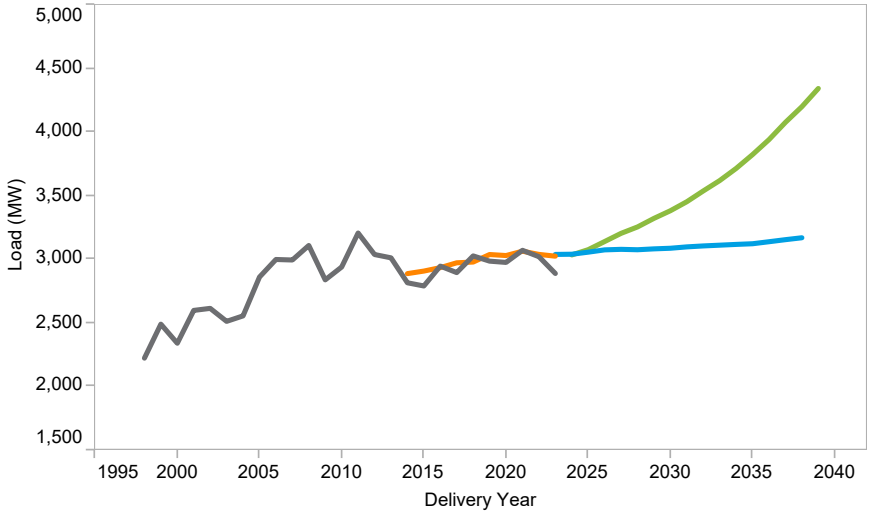
Metropolitan Statistical Areas and Weather Stations



Camden, NJ
JCPL - Non-Metro
Newark, NJ-PA
Trenton, NJ

Metropolitan Edison (METED)

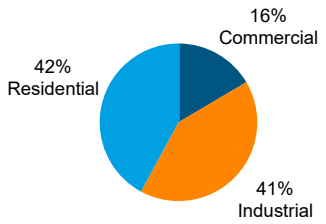
Summer Peak



Weather - Annual Average 1994-2022

Avg Summer Daily Temp	*74.7*
Avg Summer Max Temp	*95.8*
Avg Winter Daily Temp	*34.4*
Avg Winter Min Temp	*6.6*

RCI Makeup



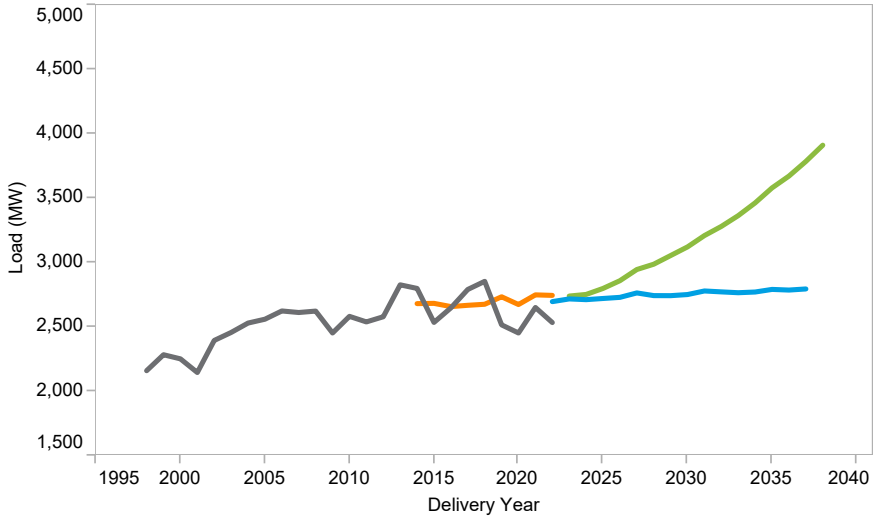
Zonal 10/15 Year Load Growth

SUMMER	2.0%	2.4%
WINTER	2.1%	2.4%

LDAs

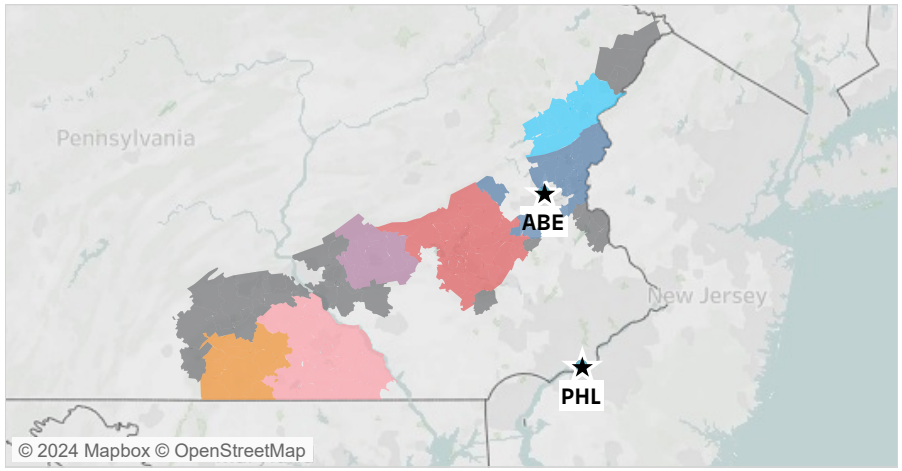
CENTRAL MID-ATLANTIC GPU PJM MID-ATLANTIC PJM RTO WESTERN MID-ATLANTIC

Winter Peak



Peak WN peak Forecast 2023 Forecast 2024

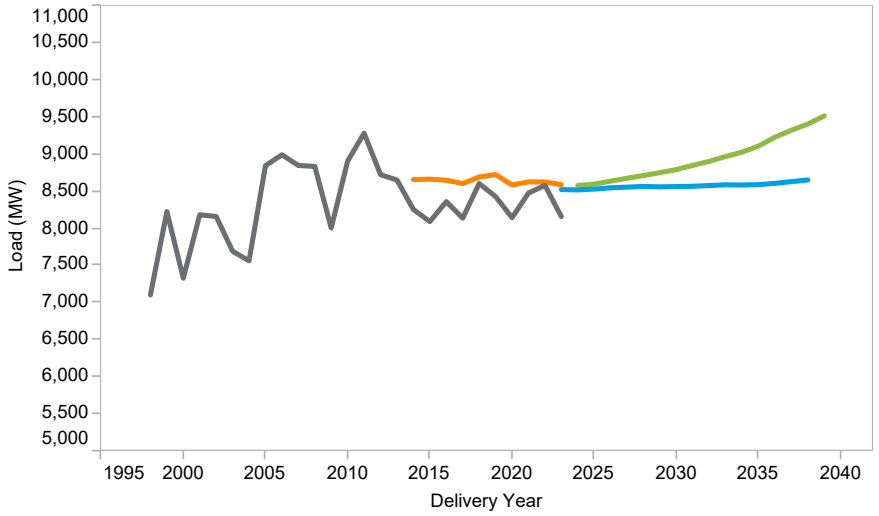
Metropolitan Statistical Areas and Weather Stations



Allentown-Bethlehem-Easton, PA-NJ
East Stroudsburg, PA
Gettysburg, PA
Lebanon, PA
METED - Non-Metro
Reading, PA
York-Hanover, PA

PECO Energy (PECO)

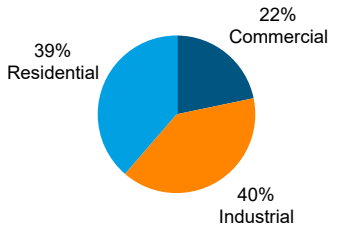
Summer Peak



Weather - Annual Average 1994-2022

Avg Summer Daily Temp	*76.6*
Avg Summer Max Temp	*97.1*
Avg Winter Daily Temp	*36.6*
Avg Winter Min Temp	*9.2*

RCI Makeup



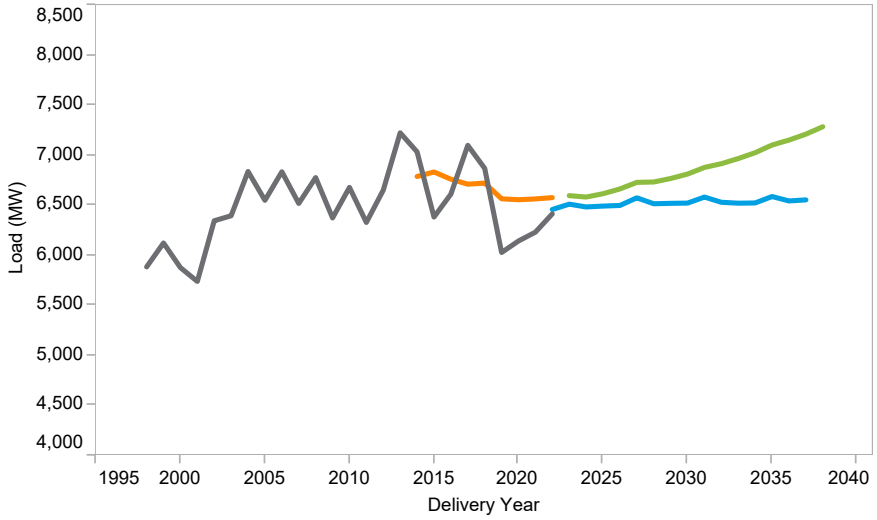
Zonal 10/15 Year Load Growth

SUMMER	0.5%	0.7%
WINTER	0.5%	0.7%

LDAs

EASTERN MID-ATLANTIC PJM MID-ATLANTIC PJM RTO

Winter Peak



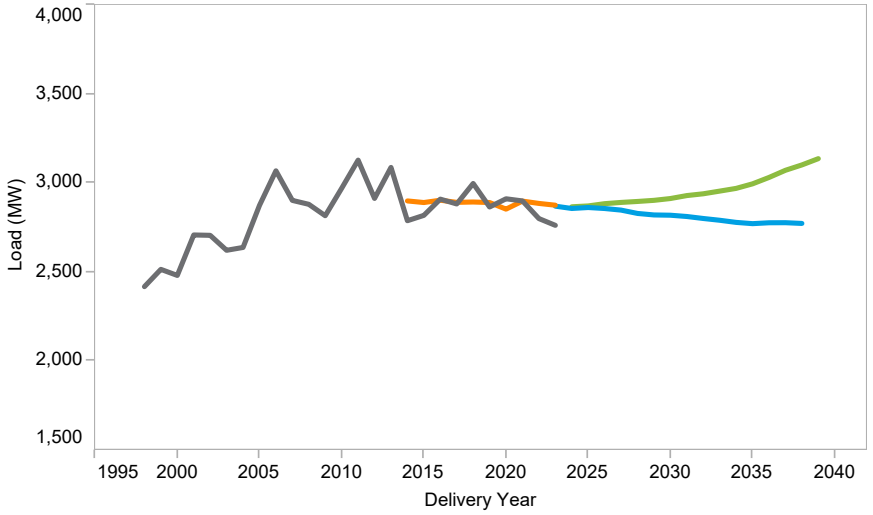
Peak WN peak Forecast 2023 Forecast 2024

Metropolitan Statistical Areas and Weather Stations

Montgomery County-Bucks County-Chester County, PA
PECO - Non-Metro
Philadelphia, PA

Pennsylvania Electric Company (PENLC)

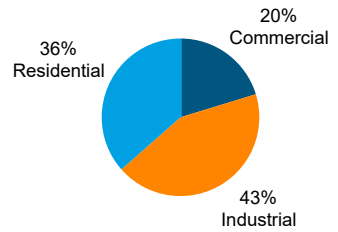
Summer Peak



Weather - Annual Average 1994-2022

Avg Summer Daily Temp	*71.1*
Avg Summer Max Temp	*91.6*
Avg Winter Daily Temp	*30.3*
Avg Winter Min Temp	*2.0*

RCI Makeup



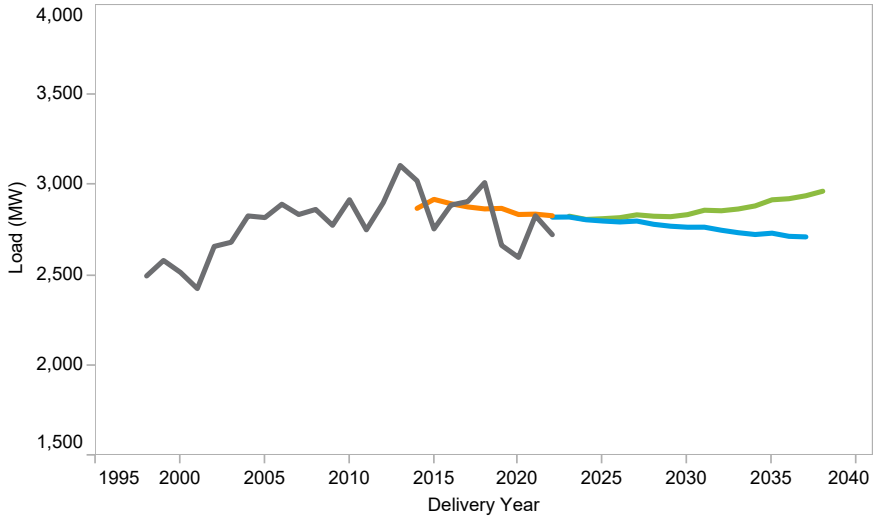
Zonal 10/15 Year Load Growth

SUMMER	0.4%	0.6%
WINTER	0.1%	0.3%

LDAs

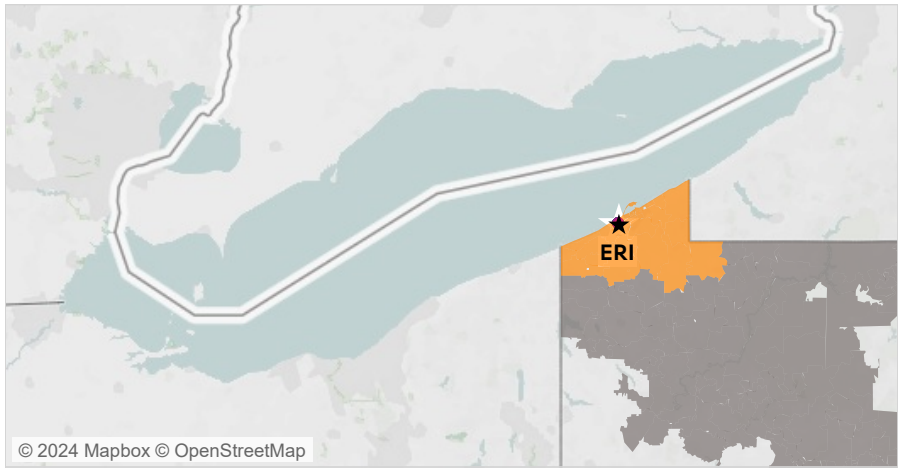
GPU PJM MID-ATLANTIC PJM RTO WESTERN MID-ATLANTIC

Winter Peak



Peak WN peak Forecast 2023 Forecast 2024

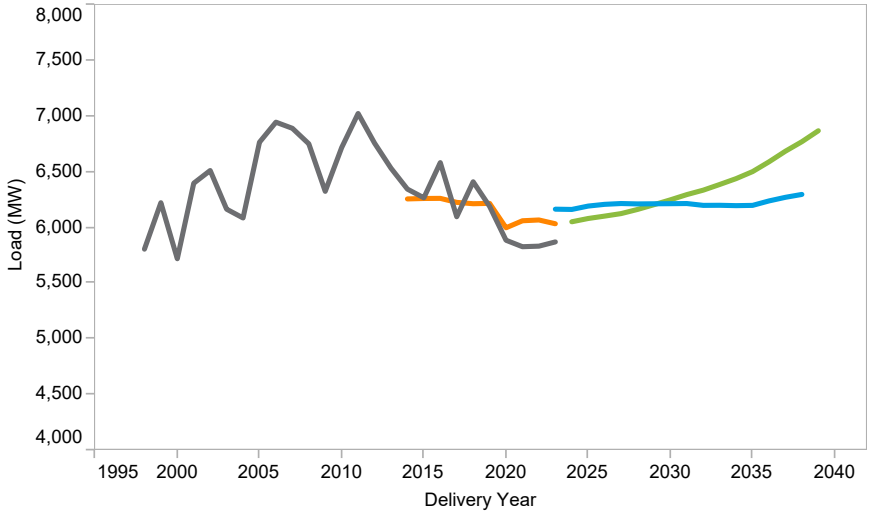
Metropolitan Statistical Areas and Weather Stations



Altoona, PA
Erie, PA
Johnstown, PA
PENLC - Non-Metro

Potomac Electric Power (PEPCO)

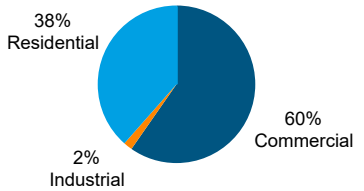
Summer Peak



Weather - Annual Average 1994-2022

Avg Summer Daily Temp	*78.1*
Avg Summer Max Temp	*98.0*
Avg Winter Daily Temp	*39.0*
Avg Winter Min Temp	*12.8*

RCI Makeup



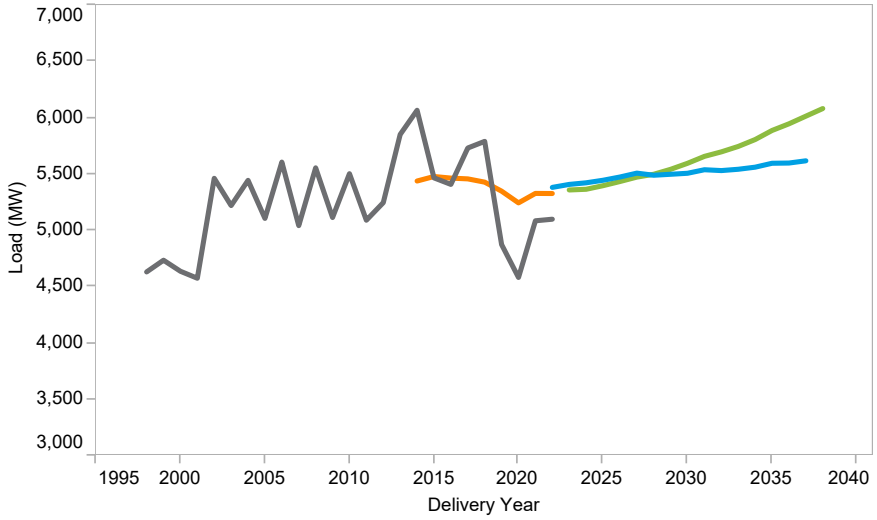
Zonal 10/15 Year Load Growth

SUMMER	0.6%	0.8%
WINTER	0.7%	0.8%

LDAs

CENTRAL MID-ATLANTIC PJM MID-ATLANTIC PJM RTO
SOUTHERN MID-ATLANTIC

Winter Peak



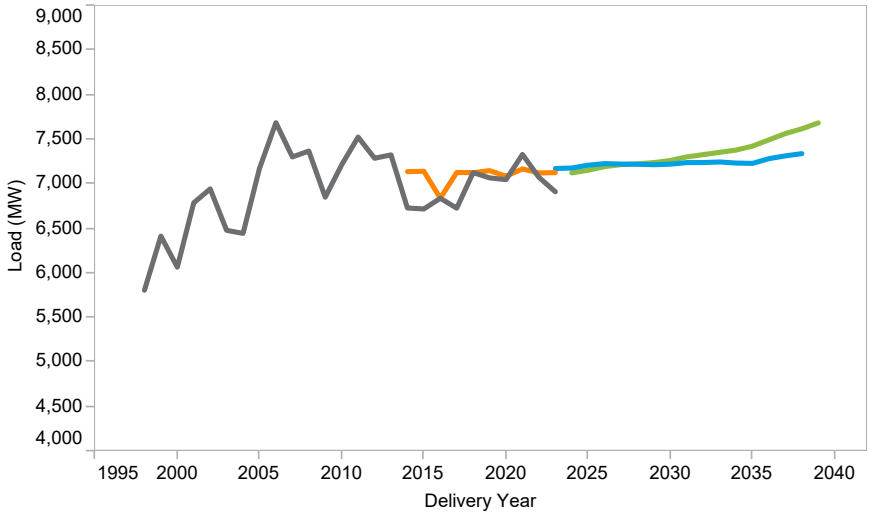
Peak WN peak Forecast 2023 Forecast 2024

Metropolitan Statistical Areas and Weather Stations

California-Lexington Park, MD
PEPCO - Non-Metro
Washington-Arlington-Alexandria, DC-VA-MD-WV

PPL Electric Utilities (PL)

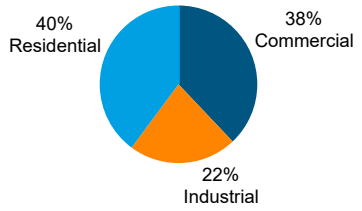
Summer Peak



Weather - Annual Average 1994-2022

Avg Summer Daily Temp	*72.4*
Avg Summer Max Temp	*94.2*
Avg Winter Daily Temp	*31.5*
Avg Winter Min Temp	*2.8*

RCI Makeup



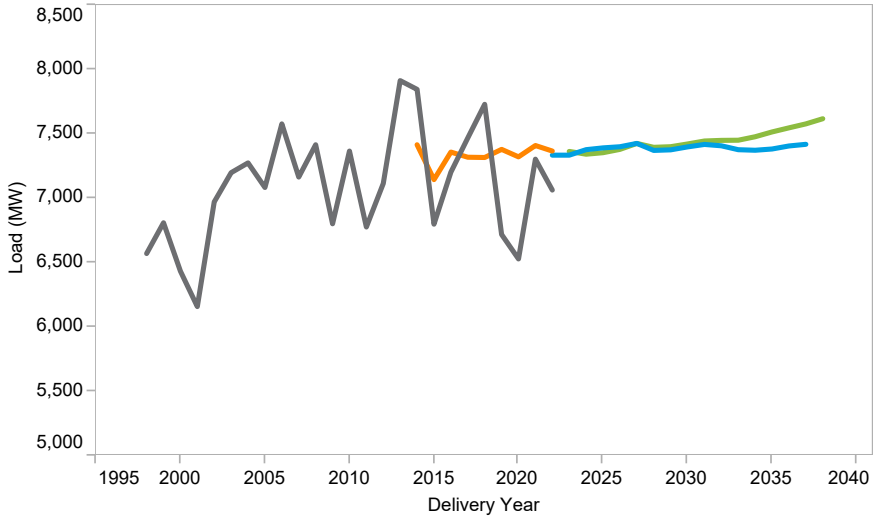
Zonal 10/15 Year Load Growth

SUMMER	0.4%	0.5%
WINTER	0.1%	0.2%

LDAs

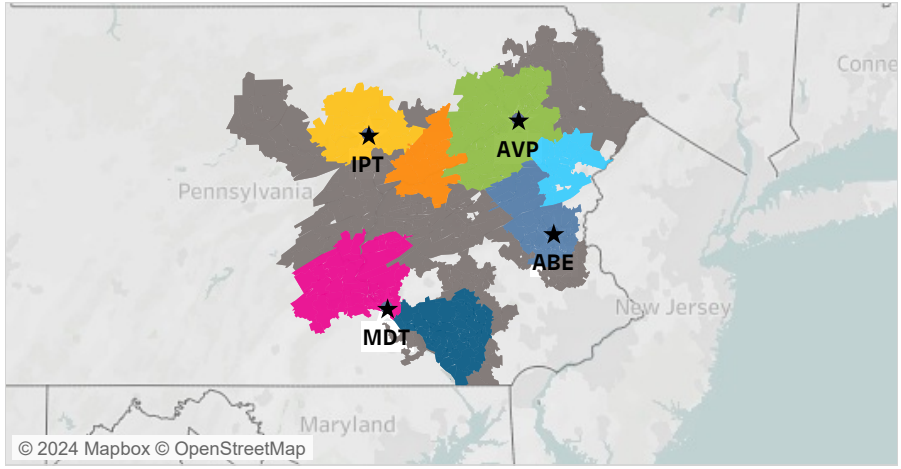
CENTRAL MID-ATLANTIC PJM MID-ATLANTIC PJM RTO
PLGRP WESTERN MID-ATLANTIC

Winter Peak



Peak WN peak Forecast 2023 Forecast 2024

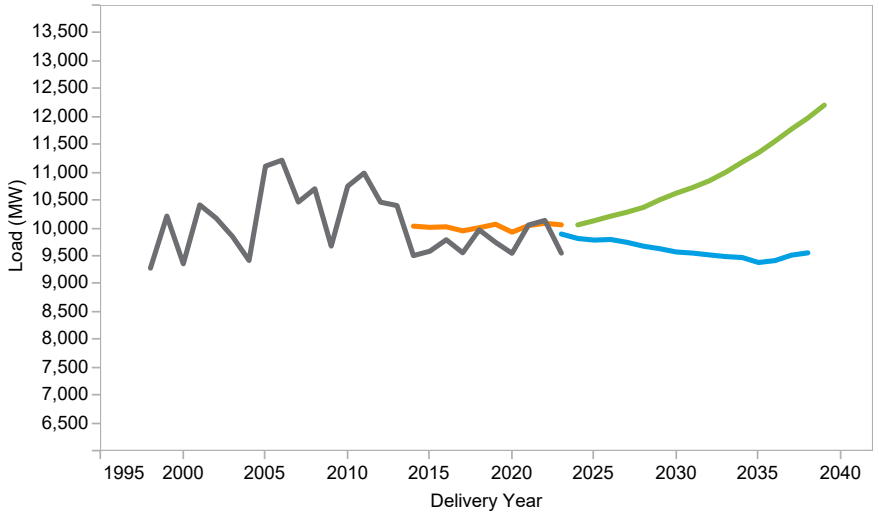
Metropolitan Statistical Areas and Weather Stations



Allentown-Bethlehem-Easton, PA-NJ
Bloomsburg-Berwick, PA
East Stroudsburg, PA
Harrisburg-Carlisle, PA
Lancaster, PA
PL - Non-Metro
Scranton--Wilkes-Barre--Hazleton, PA
Williamsport, PA

Public Service Electric & Gas (PS)

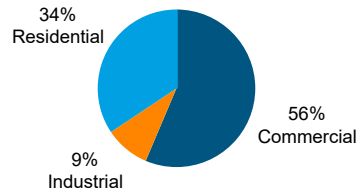
Summer Peak



Weather - Annual Average 1994-2022

Avg Summer Daily Temp	*76.0*
Avg Summer Max Temp	*98.8*
Avg Winter Daily Temp	*35.6*
Avg Winter Min Temp	*7.5*

RCI Makeup



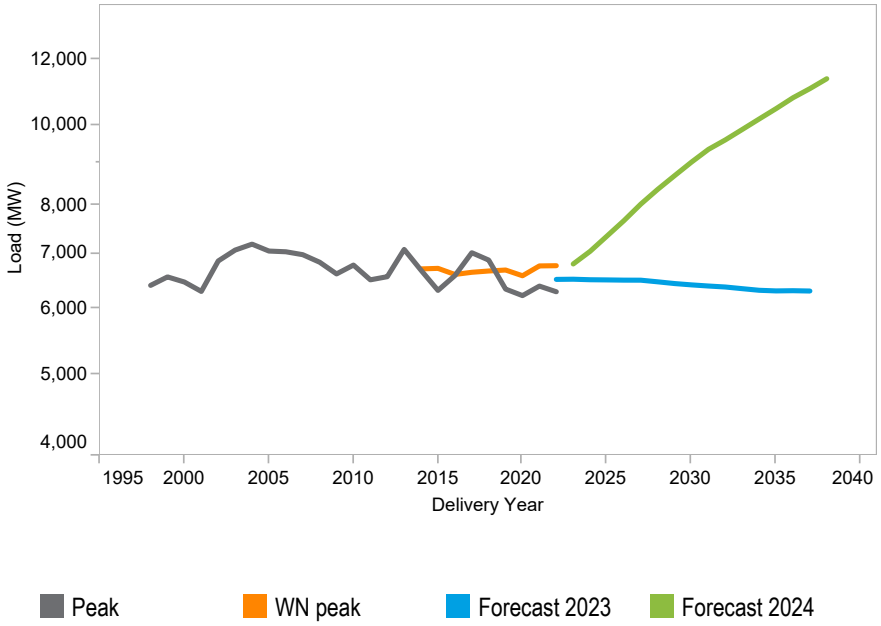
Zonal 10/15 Year Load Growth

SUMMER	1.1%	1.3%
WINTER	3.8%	3.5%

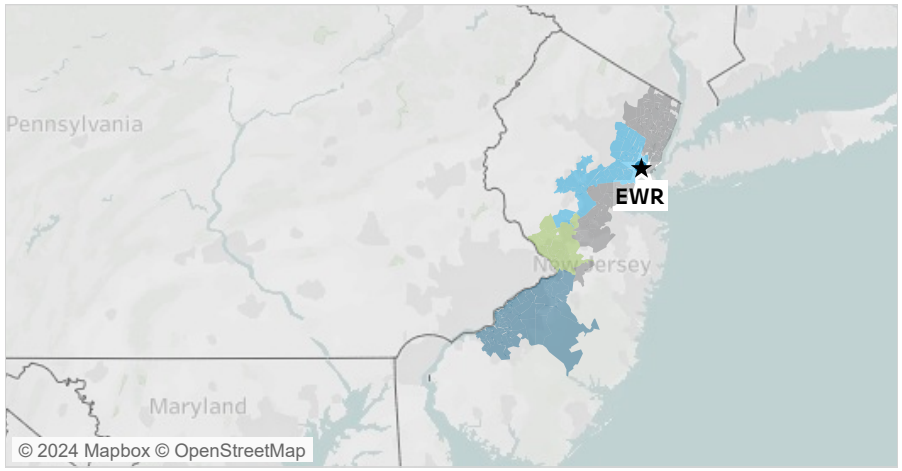
LDAs

EASTERN MID-ATLANTIC PJM MID-ATLANTIC PJM RTO

Winter Peak



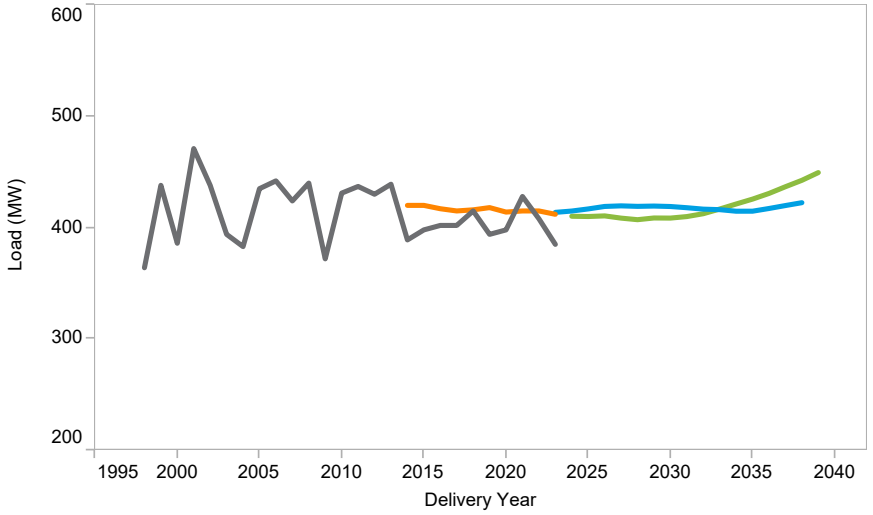
Metropolitan Statistical Areas and Weather Stations



Camden, NJ
Newark, NJ-PA
PS - Non-Metro
Trenton, NJ

Rockland Electric Company (RECO)

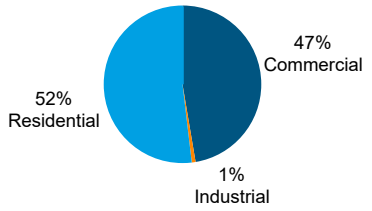
Summer Peak



Weather - Annual Average 1994-2022

Avg Summer Daily Temp	*76.0*
Avg Summer Max Temp	*98.8*
Avg Winter Daily Temp	*35.6*
Avg Winter Min Temp	*7.5*

RCI Makeup



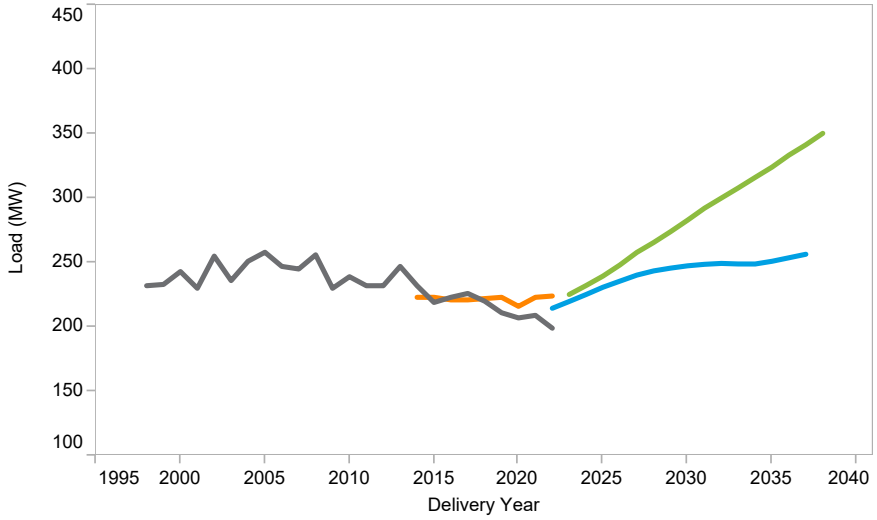
Zonal 10/15 Year Load Growth

SUMMER	0.3%	0.6%
WINTER	3.2%	3.0%

LDAs

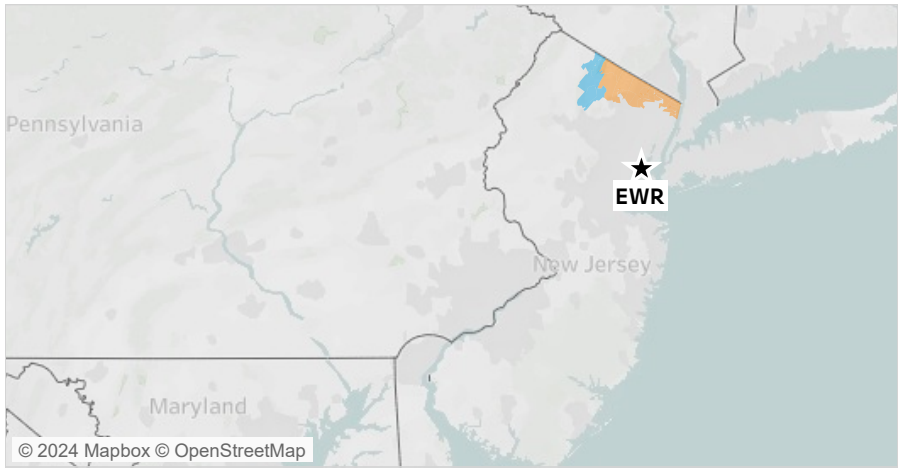
EASTERN MID-ATLANTIC PJM MID-ATLANTIC PJM RTO

Winter Peak



Peak WN peak Forecast 2023 Forecast 2024

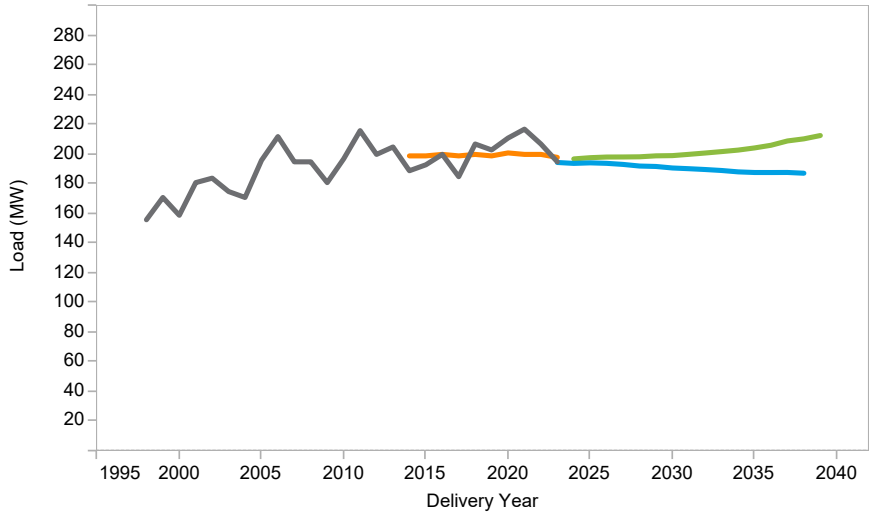
Metropolitan Statistical Areas and Weather Stations



New York-Jersey City-White Plains, NY-NJ
Newark, NJ-PA

UGI Energy Services (UGI)

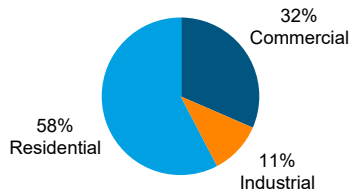
Summer Peak



Weather - Annual Average 1994-2022

Avg Summer Daily Temp	*70.6*
Avg Summer Max Temp	*93.2*
Avg Winter Daily Temp	*30.1*
Avg Winter Min Temp	*-1.0*

RCI Makeup



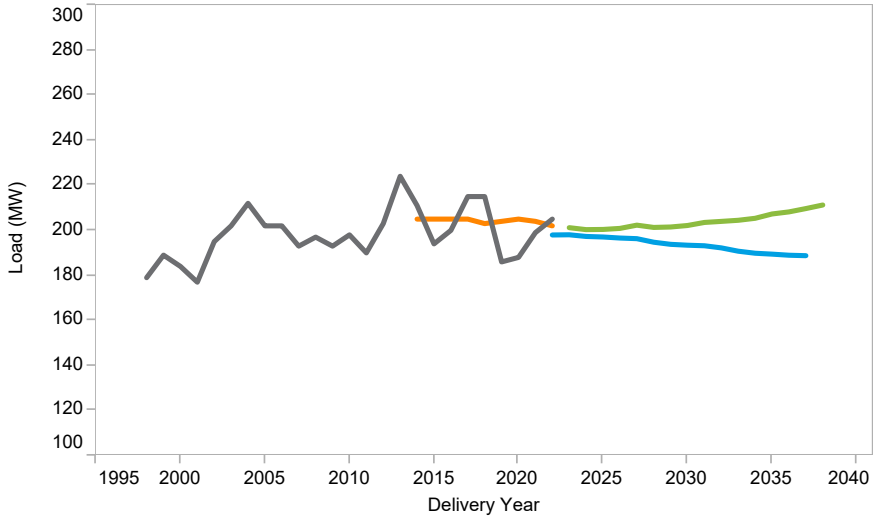
Zonal 10/15 Year Load Growth

SUMMER	0.3%	0.5%
WINTER	0.2%	0.3%

LDAs

CENTRAL MID-ATLANTIC PJM MID-ATLANTIC PJM RTO
PLGRP WESTERN MID-ATLANTIC

Winter Peak



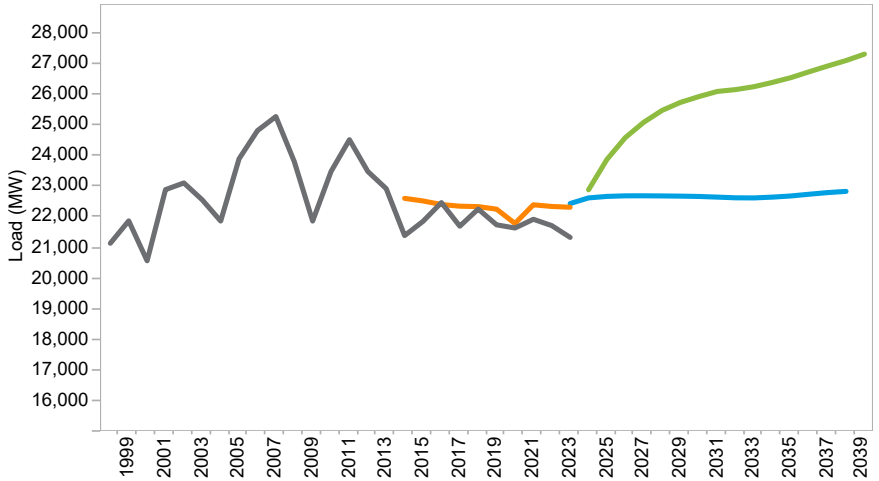
Metropolitan Statistical Areas and Weather Stations

Scranton--Wilkes-Barre--Hazleton, PA

Peak WN peak Forecast 2023 Forecast 2024

American Electric Power (AEP)

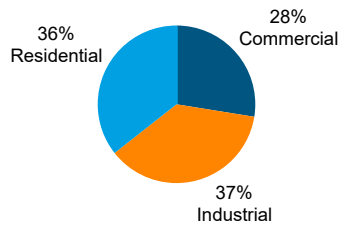
Summer Peak



Weather - Annual Average 1994-2022

Avg Summer Daily Temp	*73.2*
Avg Summer Max Temp	*92.4*
Avg Winter Daily Temp	*33.2*
Avg Winter Min Temp	*2.6*

RCI Makeup



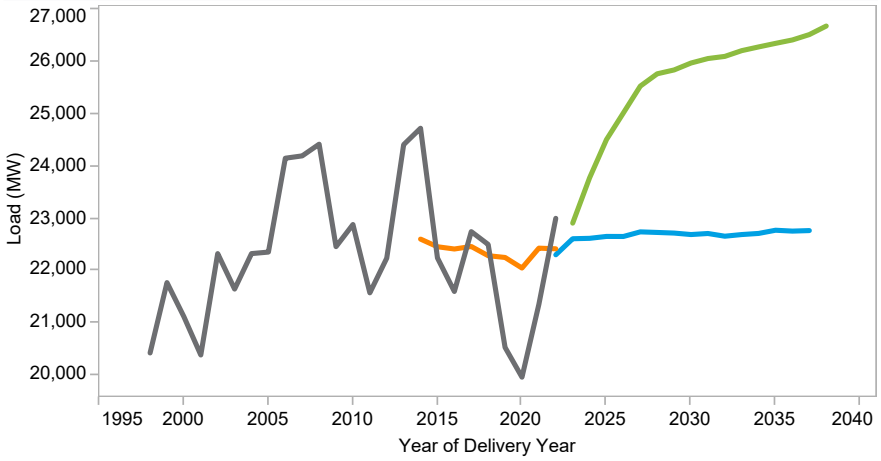
Zonal 10/15 Year Load Growth

SUMMER	1.4%	1.2%
WINTER	1.4%	1.0%

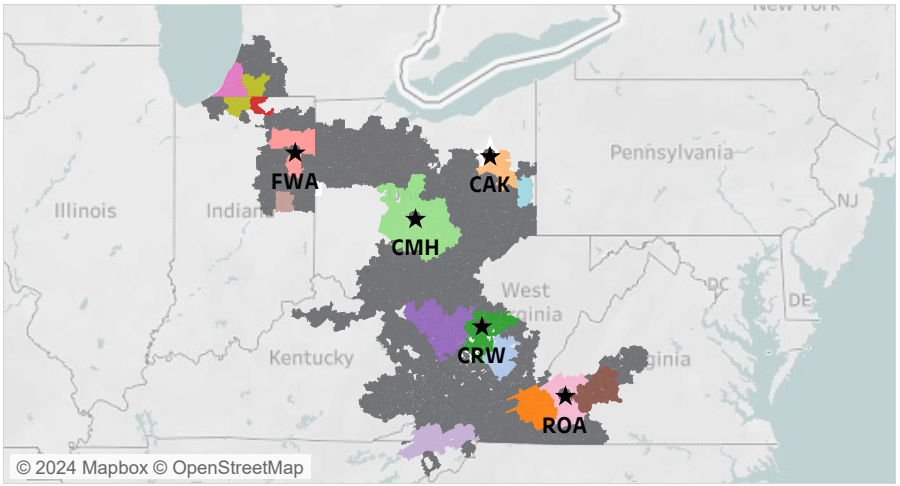
LDAs

PJM RTO PJM WESTERN

Winter Peak



Metropolitan Statistical Areas and Weather Stations

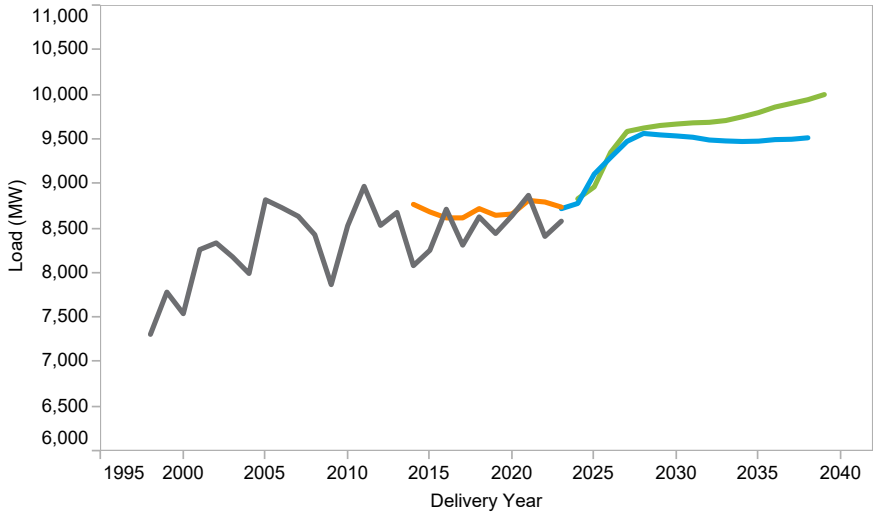


Peak
WN peak
Forecast 2023
Forecast 2024

AEP - Non-Metro
Beckley, WV
Blacksburg-Christiansburg-Radford, VA
Canton-Massillon, OH
Charleston, WV
Columbus, OH
Elkhart-Goshen, IN
Fort Wayne, IN
Huntington-Ashland, WV-KY-OH
Kingsport-Bristol-Bristol, TN-VA
Lynchburg, VA
Muncie, IN
Niles-Benton Harbor, MI
Roanoke, VA
South Bend-Mishawaka, IN-MI
Weirton-Steubenville, WV-OH

Allegheny Power Systems (APS)

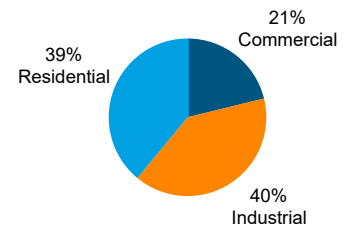
Summer Peak



Weather - Annual Average 1994-2022

Avg Summer Daily Temp	*72.8*
Avg Summer Max Temp	*92.5*
Avg Winter Daily Temp	*32.9*
Avg Winter Min Temp	*2.2*

RCI Makeup



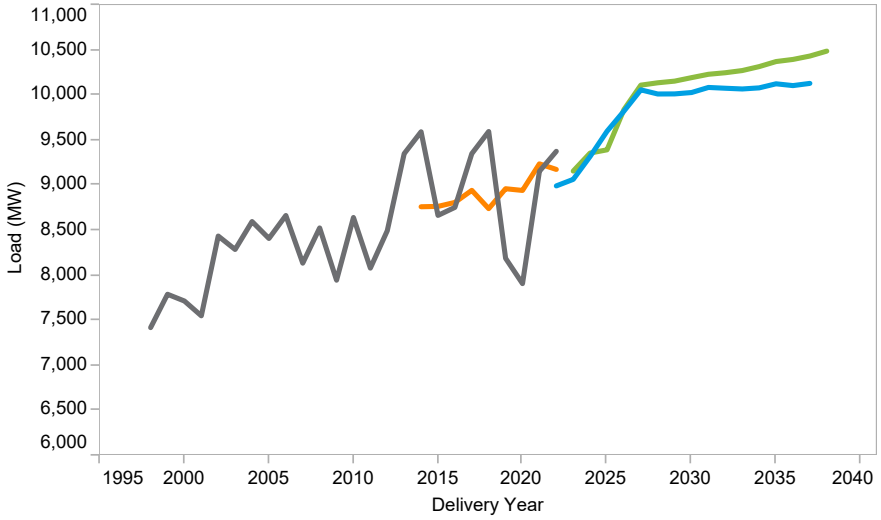
Zonal 10/15 Year Load Growth

SUMMER	1.0%	0.8%
WINTER	1.2%	0.9%

LDAs

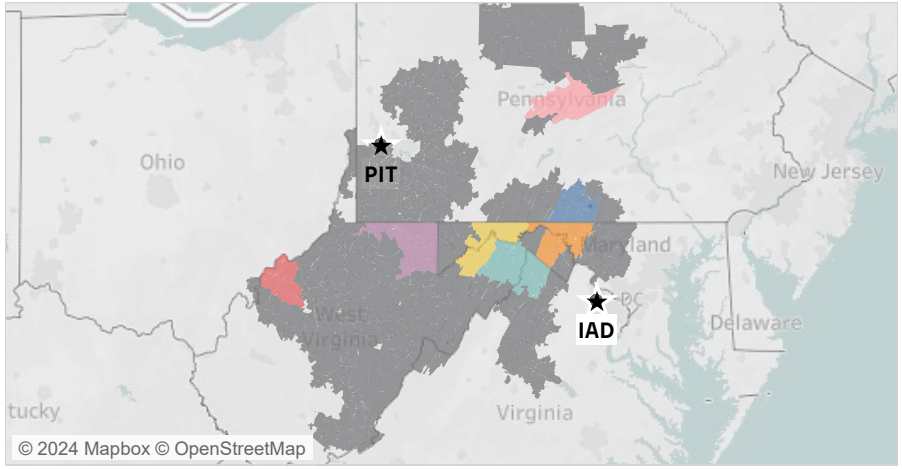
PJM RTO PJM WESTERN

Winter Peak



Peak WN peak Forecast 2023 Forecast 2024

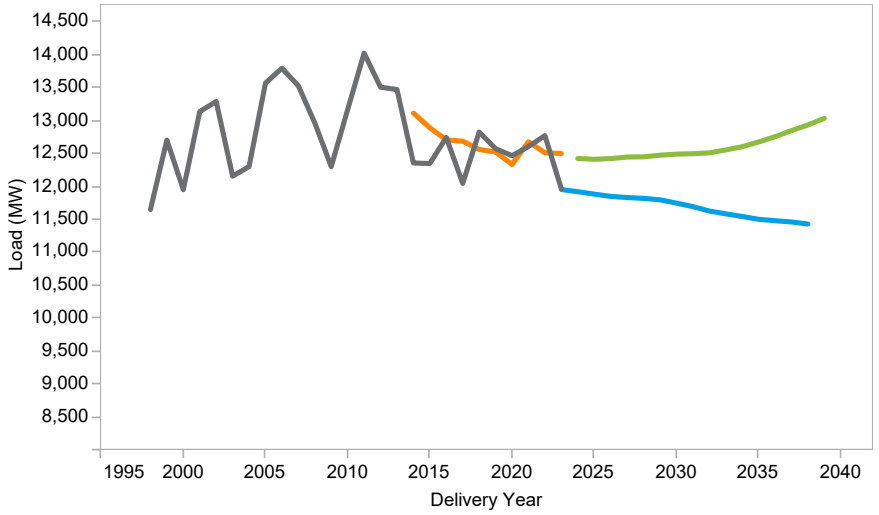
Metropolitan Statistical Areas and Weather Stations



- APS - Non-metro
- Chambersburg-Waynesboro, PA
- Cumberland, MD-WV
- Hagerstown-Martinsburg, MD-WV
- Morgantown, WV
- Parkersburg-Vienna, WV
- State College, PA
- Winchester, VA-WV

American Transmission Systems, Inc. (ATSI)

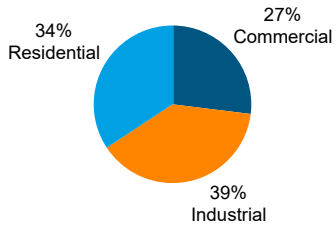
Summer Peak



Weather - Annual Average 1994-2022

Avg Summer Daily Temp	*71.7*
Avg Summer Max Temp	*92.0*
Avg Winter Daily Temp	*29.9*
Avg Winter Min Temp	*-1.4*

RCI Makeup



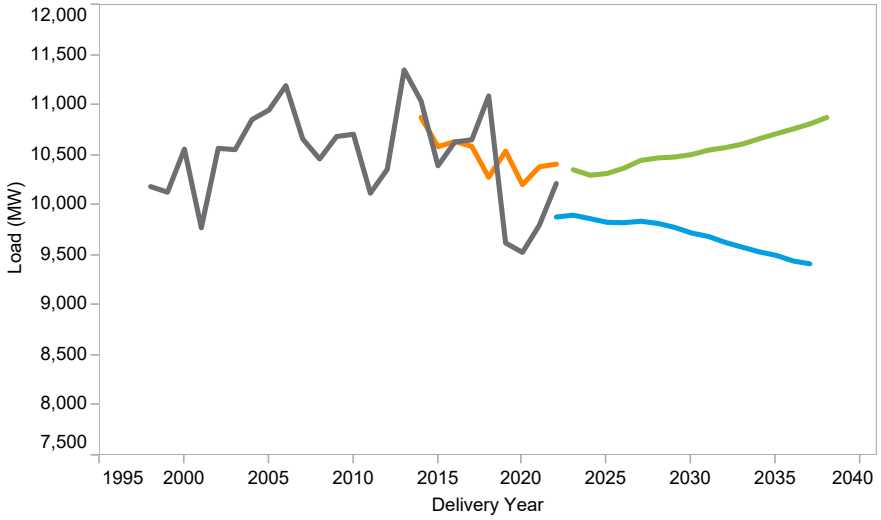
Zonal 10/15 Year Load Growth

SUMMER	0.1%	0.3%
WINTER	0.2%	0.3%

LDAs

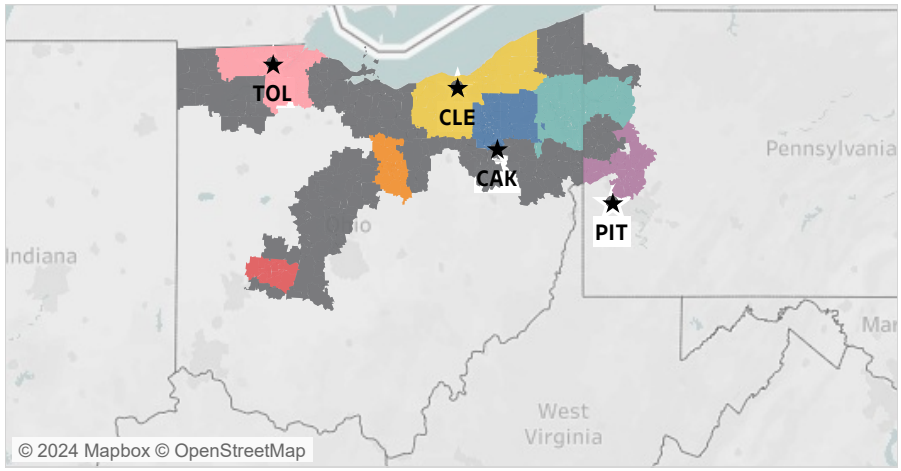
PJM RTO PJM WESTERN

Winter Peak



Peak WN peak Forecast 2023 Forecast 2024

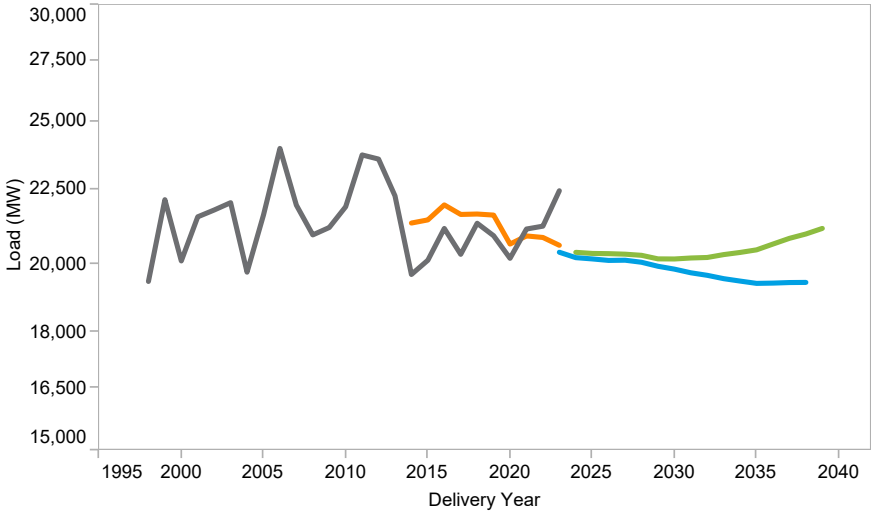
Metropolitan Statistical Areas and Weather Stations



Akron, OH
ATSI - Non-Metro
Cleveland-Elyria, OH
Mansfield, OH
Pittsburgh, PA
Springfield, OH
Toledo, OH
Youngstown-Warren-Boardman, OH-PA

Commonweath Edison (COMED)

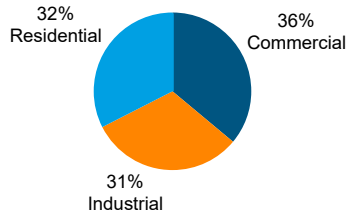
Summer Peak



Weather - Annual Average 1994-2022

Avg Summer Daily Temp	*73.0*
Avg Summer Max Temp	*95.4*
Avg Winter Daily Temp	*27.6*
Avg Winter Min Temp	*-7.4*

RCI Makeup



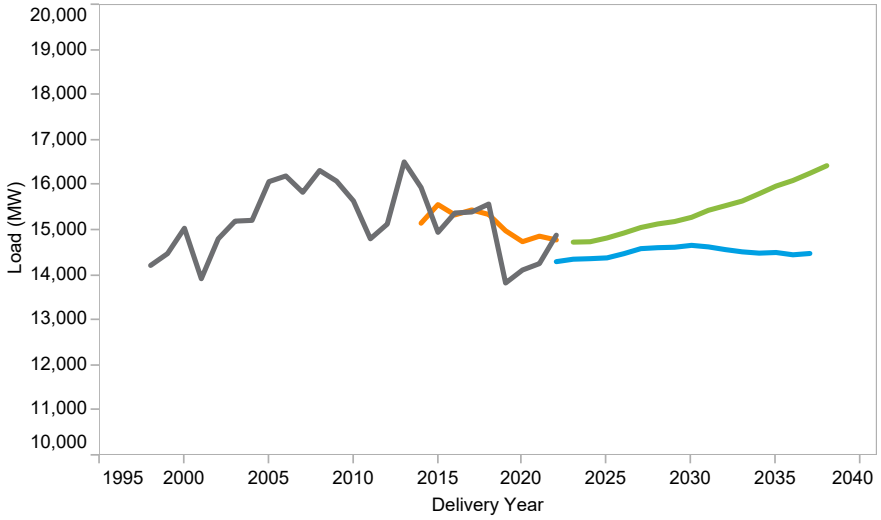
Zonal 10/15 Year Load Growth

SUMMER	0.0%	0.2%
WINTER	0.6%	0.7%

LDAs

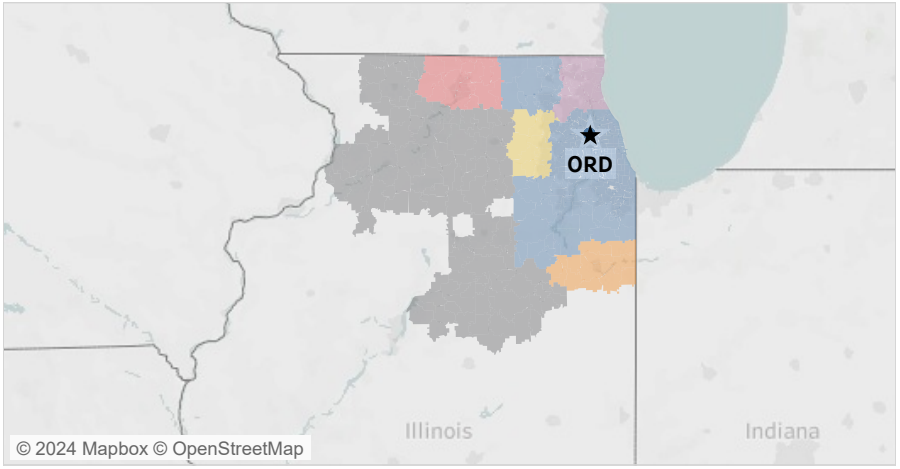
PJM RTO PJM WESTERN

Winter Peak



Peak WN peak Forecast 2023 Forecast 2024

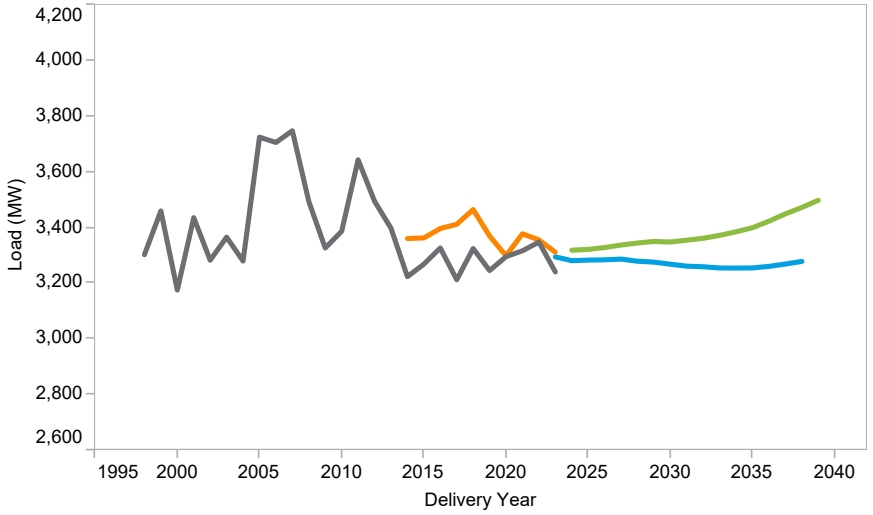
Metropolitan Statistical Areas and Weather Stations



Chicago-Naperville-Arlington Heights, IL
Chicago-Naperville-Elgin, IL-IN-WI
COMED - Non-Metro
Kankakee, IL
Lake County-Kenosha County, IL-WI
Rockford, IL

Dayton Power and Light (DAYTON)

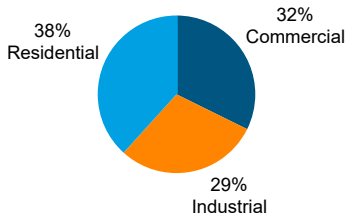
Summer Peak



Weather - Annual Average 1994-2022

Avg Summer Daily Temp	*73.2*
Avg Summer Max Temp	*93.1*
Avg Winter Daily Temp	*31.0*
Avg Winter Min Temp	*-3.4*

RCI Makeup



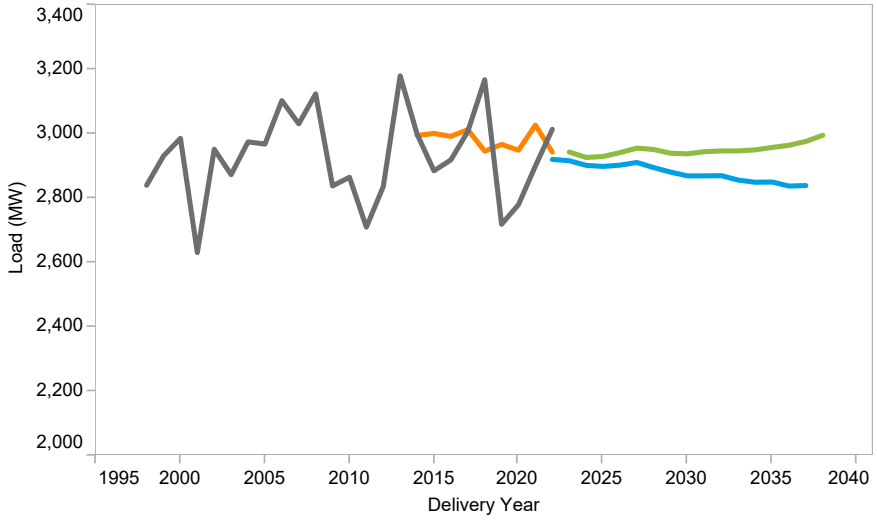
Zonal 10/15 Year Load Growth

SUMMER	0.2%	0.4%
WINTER	0.0%	0.1%

LDAs

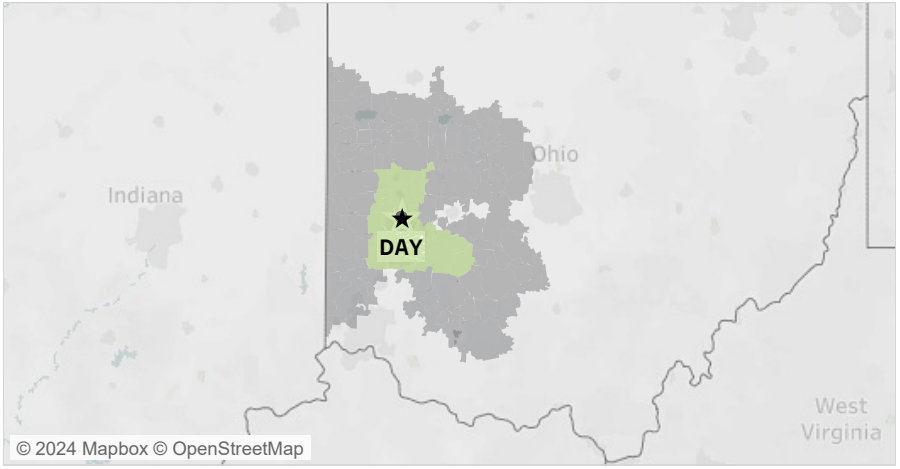
PJM RTO PJM WESTERN

Winter Peak



Peak WN peak Forecast 2023 Forecast 2024

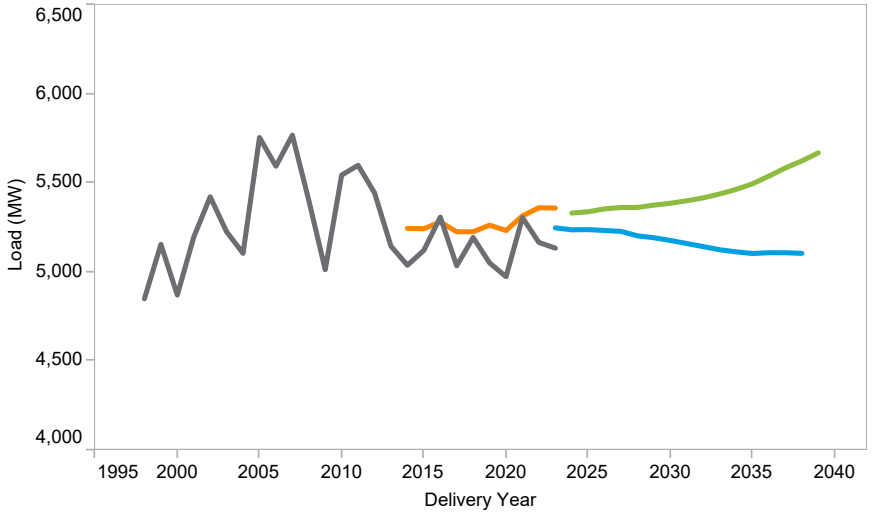
Metropolitan Statistical Areas and Weather Stations



DAY - Non-Metro
Dayton, OH

Duke Energy Ohio and Kentucky (DEOK)

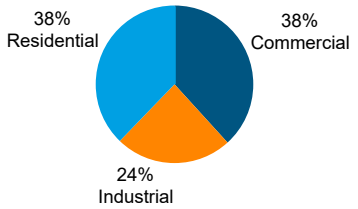
Summer Peak



Weather - Annual Average 1994-2022

Avg Summer Daily Temp	*74.4*
Avg Summer Max Temp	*94.0*
Avg Winter Daily Temp	*33.9*
Avg Winter Min Temp	*-1.7*

RCI Makeup



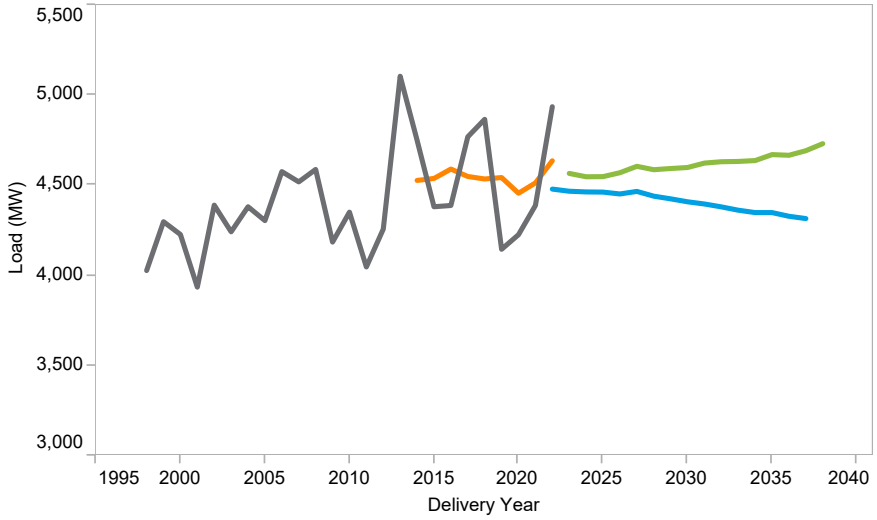
Zonal 10/15 Year Load Growth

SUMMER	0.2%	0.4%
WINTER	0.1%	0.2%

LDAs

PJM RTO PJM WESTERN

Winter Peak



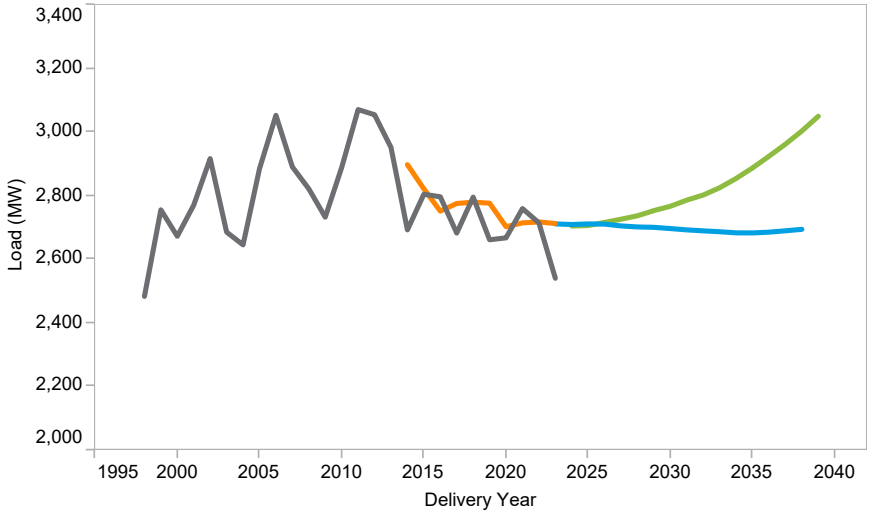
Peak WN peak Forecast 2023 Forecast 2024

Metropolitan Statistical Areas and Weather Stations

Cincinnati, OH-KY-IN
DEOK - Non-Metro

Duquesne Light Company (DLCO)

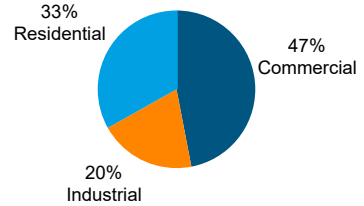
Summer Peak



Weather - Annual Average 1994-2022

Avg Summer Daily Temp	*71.7*
Avg Summer Max Temp	*91.7*
Avg Winter Daily Temp	*31.4*
Avg Winter Min Temp	*-1.0*

RCI Makeup



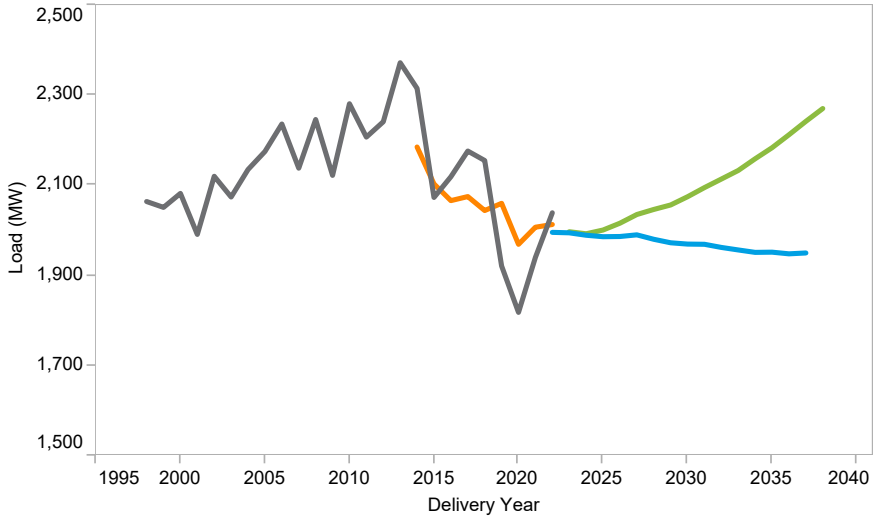
Zonal 10/15 Year Load Growth

SUMMER	0.5%	0.8%
WINTER	0.7%	0.9%

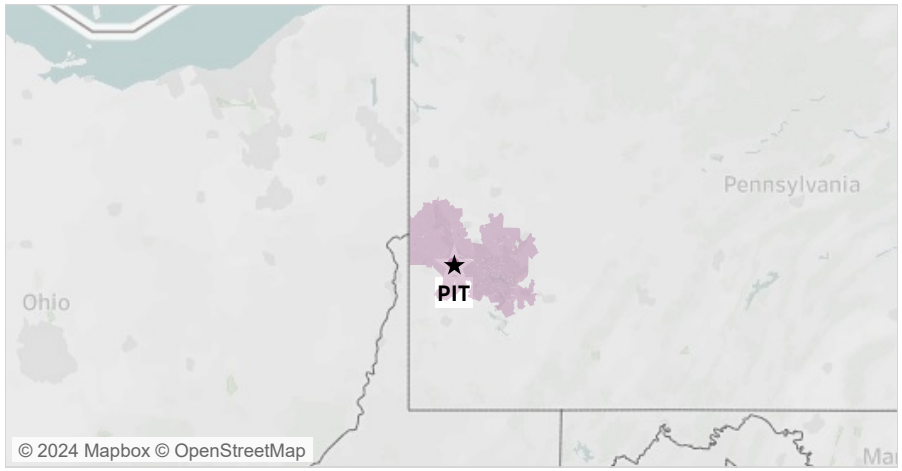
LDAs

PJM RTO PJM WESTERN

Winter Peak



Metropolitan Statistical Areas and Weather Stations

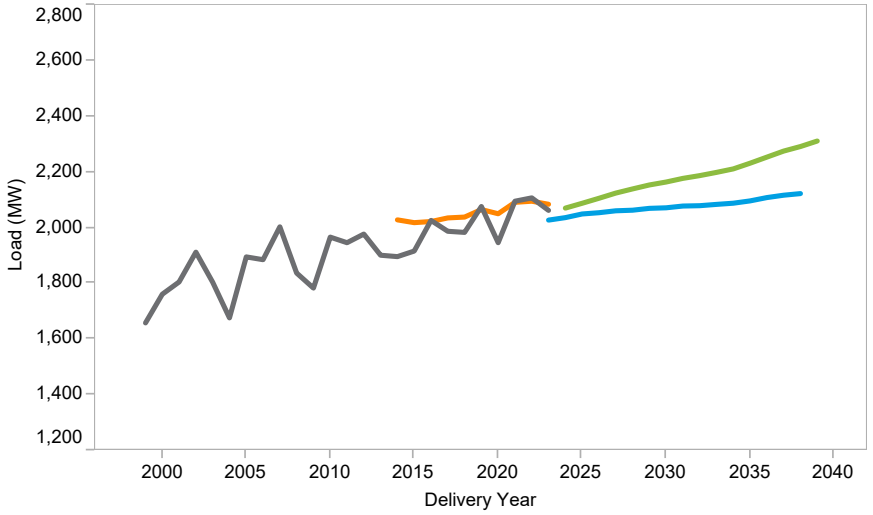


Pittsburgh, PA

Peak WN peak Forecast 2023 Forecast 2024

East Kentucky Power Cooperative (EKPC)

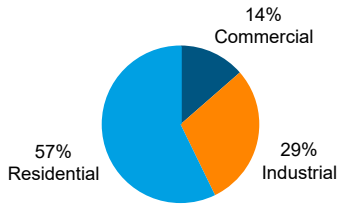
Summer Peak



Weather - Annual Average 1994-2022

Avg Summer Daily Temp	*75.5*
Avg Summer Max Temp	*94.3*
Avg Winter Daily Temp	*35.9*
Avg Winter Min Temp	*1.9*

RCI Makeup



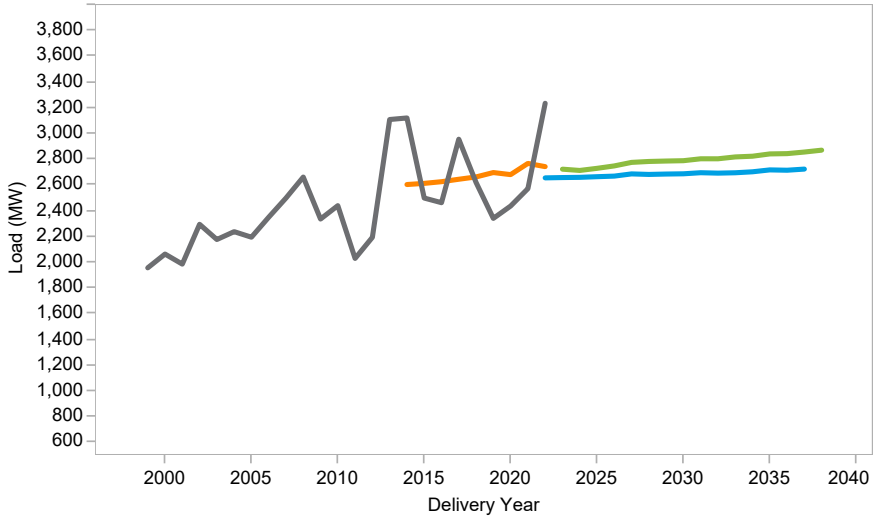
Zonal 10/15 Year Load Growth

SUMMER	0.7%	0.7%
WINTER	0.3%	0.4%

LDAs

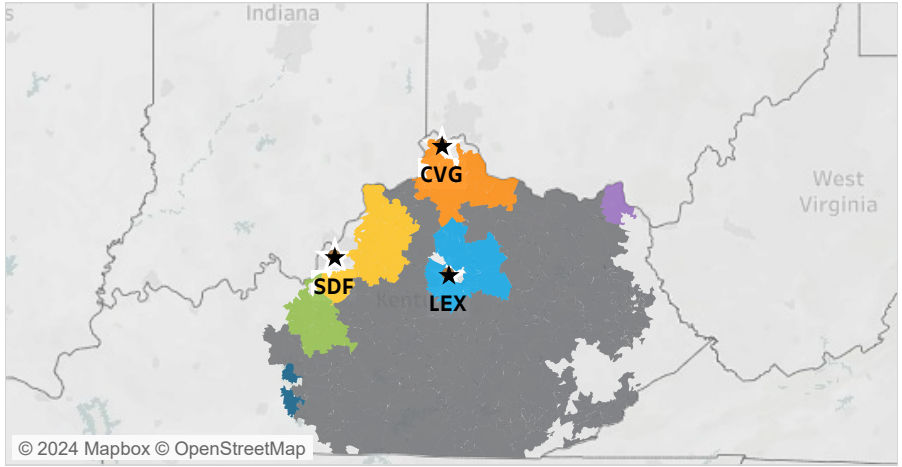
PJM RTO PJM WESTERN

Winter Peak



Peak WN peak Forecast 2023 Forecast 2024

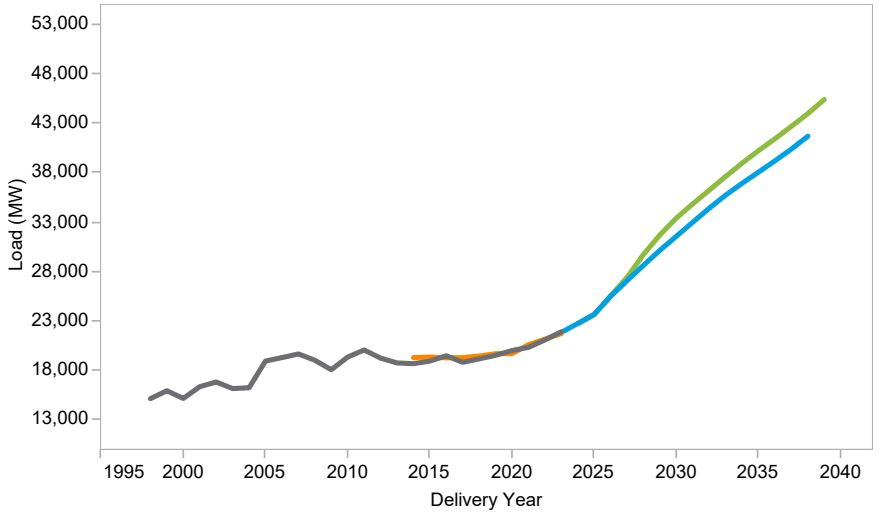
Metropolitan Statistical Areas and Weather Stations



Bowling Green, KY
Cincinnati, OH-KY-IN
EKPC - Non-Metro
Elizabethtown-Fort Knox, KY
Huntington-Ashland, WV-KY-OH
Lexington-Fayette, KY
Louisville/Jefferson County, KY-IN

Dominion (DOM)

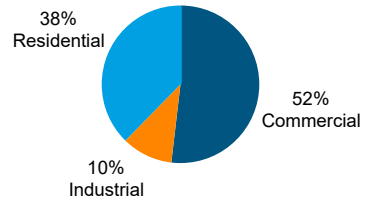
Summer Peak



Weather - Annual Average 1994-2022

Avg Summer Daily Temp	*76.9*
Avg Summer Max Temp	*96.9*
Avg Winter Daily Temp	*40.3*
Avg Winter Min Temp	*12.3*

RCI Makeup



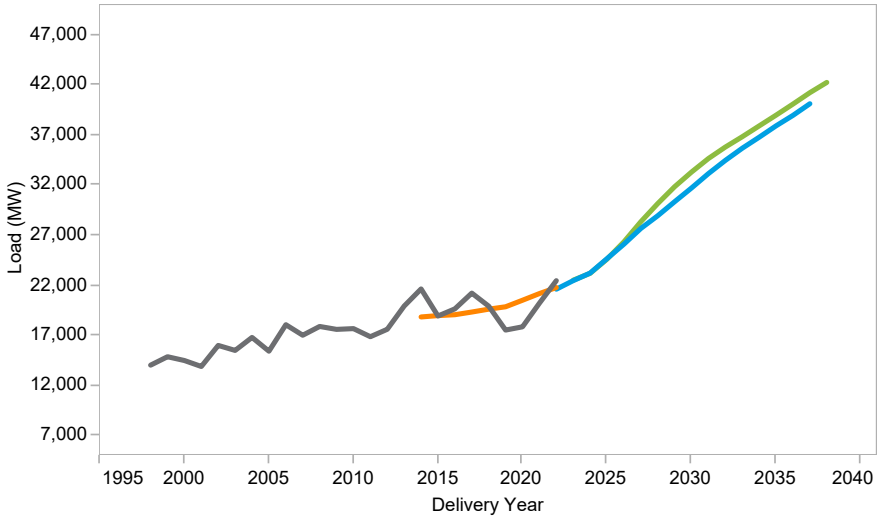
Zonal 10/15 Year Load Growth

SUMMER	5.5%	4.7%
WINTER	5.0%	4.3%

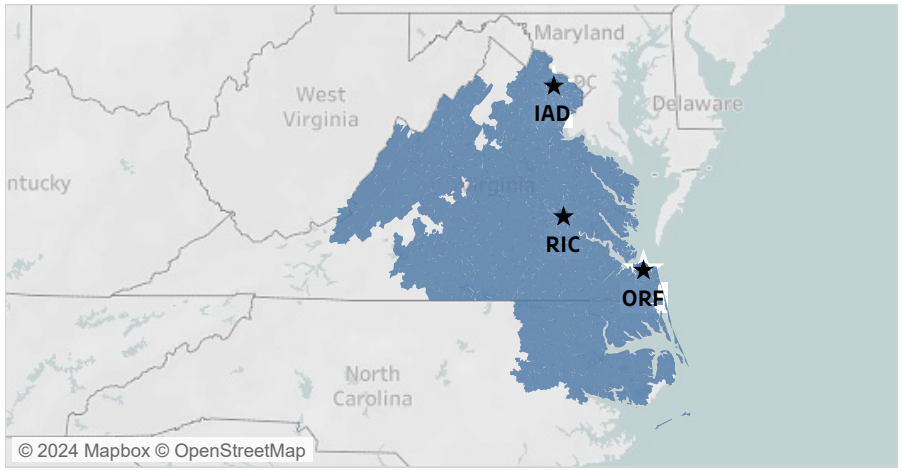
LDAs

PJM RTO

Winter Peak



Metropolitan Statistical Areas and Weather Stations



Virginia Commonwealth Economics

Peak WN peak Forecast 2023 Forecast 2024

Table A-1

PJM MID-ATLANTIC REGION
SUMMER PEAK LOAD COMPARISONS OF THE CURRENT FORECAST
TO THE JANUARY 2023 LOAD FORECAST REPORT

INCREASE OR DECREASE OVER PRIOR FORECAST

	2024		2029		2034	
	MW	**%**	**MW**	**%**	**MW**	**%**
AE	67	2.7%	147	6.0%	308	12.8%
BGE	63	1.0%	393	6.3%	926	15.4%
DPL	104	2.7%	181	4.8%	397	10.9%
JCPL	20	0.3%	320	5.4%	940	16.2%
METED	(5)	-0.2%	240	7.8%	597	19.1%
PECO	59	0.7%	191	2.2%	443	5.2%
PENLC	9	0.3%	82	2.9%	190	6.8%
PEPCO	(111)	-1.8%	(8)	-0.1%	242	3.9%
PL	(55)	-0.8%	23	0.3%	146	2.0%
PS	244	2.5%	881	9.1%	1,711	18.0%
RECO	(5)	-1.2%	(10)	-2.4%	6	1.4%
UGI	3	1.5%	7	3.6%	15	8.0%
PJM MID-ATLANTIC	383	0.7%	2,257	4.1%	5,890	10.9%
FE-EAST	50	0.4%	597	5.2%	1,703	14.9%
PLGRP	(56)	-0.8%	25	0.3%	151	2.0%

Table A-1

PJM WESTERN REGION, PJM SOUTHERN REGION AND PJM RTO
SUMMER PEAK LOAD COMPARISONS OF THE CURRENT FORECAST
TO THE JANUARY 2023 LOAD FORECAST REPORT

INCREASE OR DECREASE OVER PRIOR FORECAST

	2024		2029		2034	
	MW	**%**	**MW**	**%**	**MW**	**%**
AEP	265	1.2%	3,062	13.5%	3,745	16.5%
APS	52	0.6%	106	1.1%	277	2.9%
ATSI	504	4.2%	678	5.7%	1,059	9.2%
COMED	168	0.8%	231	1.2%	889	4.6%
DAYTON	38	1.2%	74	2.3%	130	4.0%
DEOK	94	1.8%	183	3.5%	351	6.9%
DLCO	(5)	-0.2%	53	2.0%	171	6.4%
EKPC	34	1.7%	84	4.1%	123	5.9%
OVEC	(5)	-5.3%	(5)	-5.3%	(5)	-5.3%
PJM WESTERN	1,129	1.5%	4,396	5.8%	6,655	8.9%
DOM	(47)	-0.2%	1,560	5.2%	2,039	5.5%
PJM RTO	1,510	1.0%	8,758	5.6%	14,727	9.1%

Table A-2

PJM MID-ATLANTIC REGION
WINTER PEAK LOAD COMPARISONS OF THE CURRENT FORECAST
TO THE JANUARY 2023 LOAD FORECAST REPORT

INCREASE OR DECREASE OVER PRIOR FORECAST

	23/24		28/29		33/34	
	MW	**%**	**MW**	**%**	**MW**	**%**
AE	52	3.3%	297	18.8%	608	39.2%
BGE	80	1.4%	236	4.1%	646	11.4%
DPL	68	1.9%	124	3.4%	231	6.3%
JCPL	65	1.7%	1,041	27.0%	2,189	56.8%
METED	22	0.8%	244	8.9%	599	21.7%
PECO	85	1.3%	217	3.3%	446	6.8%
PENLC	5	0.2%	44	1.6%	132	4.8%
PEPCO	(49)	-0.9%	9	0.2%	203	3.7%
PL	29	0.4%	24	0.3%	74	1.0%
PS	283	4.3%	1,901	29.3%	3,542	55.7%
RECO	5	2.3%	22	9.0%	59	23.7%
UGI	3	1.5%	6	3.1%	13	6.8%
PJM MID-ATLANTIC	798	1.7%	4,456	9.7%	9,196	20.2%
FE-EAST	101	1.1%	1,340	14.4%	2,913	31.4%
PLGRP	37	0.5%	31	0.4%	87	1.2%

Table A-2

PJM WESTERN REGION, PJM SOUTHERN REGION AND PJM RTO
WINTER PEAK LOAD COMPARISONS OF THE CURRENT FORECAST
TO THE JANUARY 2023 LOAD FORECAST REPORT

INCREASE OR DECREASE OVER PRIOR FORECAST

	23/24		28/29		33/34	
	MW	**%**	**MW**	**%**	**MW**	**%**
AEP	298	1.3%	3,033	13.3%	3,515	15.5%
APS	92	1.0%	124	1.2%	204	2.0%
ATSI	455	4.6%	653	6.6%	1,029	10.7%
COMED	379	2.6%	526	3.6%	1,128	7.8%
DAYTON	27	0.9%	56	1.9%	91	3.2%
DEOK	99	2.2%	147	3.3%	270	6.2%
DLCO	2	0.1%	66	3.3%	176	9.0%
EKPC	65	2.4%	101	3.8%	123	4.6%
OVEC	0	0.0%	0	0.0%	0	0.0%
PJM WESTERN	1,418	2.1%	4,591	6.8%	6,688	10.0%
DOM	45	0.2%	1,216	4.2%	1,149	3.2%
PJM RTO	1,992	1.5%	9,929	7.1%	17,091	11.7%

Table B-1

SUMMER PEAK LOAD (MW) AND GROWTH RATES FOR EACH PJM MID-ATLANTIC ZONE AND GEOGRAPHIC REGION 2024 - 2034

	METERED 2023	UNRESTRICTED 2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	Annual Growth Rate (10 yr)
AE	2,629	2,629	2,593	2,599	2,602	2,601	2,603	2,614	2,623	2,641	2,661	2,685	2,715	0.5%
				0.2%	0.1%	-0.0%	0.1%	0.4%	0.3%	0.7%	0.8%	0.9%	1.1%	
BGE	6,406	6,406	6,491	6,507	6,523	6,554	6,592	6,636	6,676	6,719	6,781	6,849	6,931	0.7%
				0.2%	0.2%	0.5%	0.6%	0.7%	0.6%	0.6%	0.9%	1.0%	1.2%	
DPL	4,078	4,094	3,945	3,926	3,913	3,912	3,916	3,928	3,941	3,962	3,981	4,010	4,050	0.3%
				-0.5%	-0.3%	-0.0%	0.1%	0.3%	0.3%	0.5%	0.5%	0.7%	1.0%	
JCPL	5,732	5,732	6,052	6,085	6,099	6,128	6,175	6,252	6,315	6,392	6,490	6,609	6,750	1.1%
				0.5%	0.2%	0.5%	0.8%	1.2%	1.0%	1.2%	1.5%	1.8%	2.1%	
METED	2,891	2,891	3,036	3,077	3,141	3,205	3,256	3,323	3,383	3,454	3,538	3,620	3,715	2.0%
				1.4%	2.1%	2.0%	1.6%	2.1%	1.8%	2.1%	2.4%	2.3%	2.6%	
PECO	8,163	8,163	8,581	8,599	8,640	8,679	8,716	8,754	8,796	8,852	8,907	8,972	9,031	0.5%
				0.2%	0.5%	0.5%	0.4%	0.4%	0.5%	0.6%	0.6%	0.7%	0.7%	
PENLC	2,764	2,764	2,867	2,872	2,885	2,892	2,897	2,903	2,913	2,930	2,940	2,955	2,970	0.4%
				0.2%	0.5%	0.2%	0.2%	0.2%	0.3%	0.6%	0.3%	0.5%	0.5%	
PEPCO	5,872	5,872	6,053	6,082	6,104	6,126	6,164	6,206	6,250	6,297	6,337	6,388	6,440	0.6%
				0.5%	0.4%	0.4%	0.6%	0.7%	0.7%	0.8%	0.6%	0.8%	0.8%	
PL	6,899	6,915	7,126	7,156	7,196	7,218	7,227	7,241	7,266	7,306	7,331	7,357	7,382	0.4%
				0.4%	0.6%	0.3%	0.1%	0.2%	0.3%	0.6%	0.3%	0.4%	0.3%	
PS	9,562	9,562	10,068	10,143	10,224	10,296	10,383	10,520	10,638	10,740	10,859	11,013	11,193	1.1%
				0.7%	0.8%	0.7%	0.8%	1.3%	1.1%	1.0%	1.1%	1.4%	1.6%	
RECO	385	385	410	410	411	409	407	409	409	410	413	417	421	0.3%
				0.0%	0.2%	-0.5%	-0.5%	0.5%	0.0%	0.2%	0.7%	1.0%	1.0%	
UGI	195	195	197	198	198	198	198	199	199	200	201	202	203	0.3%
				0.5%	0.0%	0.0%	0.0%	0.5%	0.0%	0.5%	0.5%	0.5%	0.5%	
DIVERSITY - MID-ATLANTIC(-)			1,586	1,636	1,603	1,729	1,830	1,990	2,009	1,993	1,913	1,975	1,896	
PJM MID-ATLANTIC	54,507	54,540	55,833	56,018	56,333	56,489	56,704	56,995	57,400	57,910	58,526	59,102	59,905	0.7%
				0.3%	0.6%	0.3%	0.4%	0.5%	0.7%	0.9%	1.1%	1.0%	1.4%	
FE-EAST	11,191	11,191	11,723	11,791	11,882	11,973	12,050	12,187	12,305	12,467	12,682	12,895	13,151	1.2%
				0.6%	0.8%	0.8%	0.6%	1.1%	1.0%	1.3%	1.7%	1.7%	2.0%	
PLGRP	7,093	7,109	7,323	7,354	7,394	7,414	7,420	7,437	7,462	7,506	7,530	7,551	7,578	0.3%
				0.4%	0.5%	0.3%	0.1%	0.2%	0.3%	0.6%	0.3%	0.3%	0.4%	

Notes:
All forecast values are non-coincident as estimated by PJM staff.
All forecast values represent unrestricted peaks, after reductions for distributed solar generation, reductions for distributed battery storage, additions for plug-in electric vehicles, and prior to reductions for load management.
All average growth rates are calculated from the first year of the forecast (2024).
Summer season indicates peak from June, July, August.

Table B-1 (continued)

SUMMER PEAK LOAD (MW) AND GROWTH RATES FOR EACH PJM MID-ATLANTIC ZONE AND GEOGRAPHIC REGION 2035 - 2039

	2035	2036	2037	2038	2039	Annual Growth Rate (15 yr)
AE	2,755	2,793	2,839	2,873	2,916	0.8%
	1.5%	1.4%	1.6%	1.2%	1.5%	
BGE	7,036	7,139	7,258	7,364	7,495	1.0%
	1.5%	1.5%	1.7%	1.5%	1.8%	
DPL	4,091	4,146	4,201	4,238	4,292	0.6%
	1.0%	1.3%	1.3%	0.9%	1.3%	
JCPL	6,902	7,058	7,224	7,367	7,547	1.5%
	2.3%	2.3%	2.4%	2.0%	2.4%	
METED	3,824	3,942	4,077	4,200	4,343	2.4%
	2.9%	3.1%	3.4%	3.0%	3.4%	
PECO	9,113	9,233	9,326	9,409	9,519	0.7%
	0.9%	1.3%	1.0%	0.9%	1.2%	
PENLC	2,996	3,032	3,072	3,102	3,137	0.6%
	0.9%	1.2%	1.3%	1.0%	1.1%	
PEPCO	6,503	6,591	6,687	6,772	6,870	0.8%
	1.0%	1.4%	1.5%	1.3%	1.4%	
PL	7,427	7,497	7,567	7,621	7,687	0.5%
	0.6%	0.9%	0.9%	0.7%	0.9%	
PS	11,365	11,570	11,787	11,987	12,218	1.3%
	1.5%	1.8%	1.9%	1.7%	1.9%	
RECO	426	431	437	443	449	0.6%
	1.2%	1.2%	1.4%	1.4%	1.4%	
UGI	204	206	209	210	213	0.5%
	0.5%	1.0%	1.5%	0.5%	1.4%	
DIVERSITY - MID-ATLANTIC(-)	1,918	1,970	1,785	1,802	1,864	
PJM MID-ATLANTIC	60,724	61,668	62,899	63,784	64,822	1.0%
	1.4%	1.6%	2.0%	1.4%	1.6%	
FE-EAST	13,432	13,738	14,074	14,381	14,746	1.5%
	2.1%	2.3%	2.4%	2.2%	2.5%	
PLGRP	7,624	7,701	7,772	7,827	7,897	0.5%
	0.6%	1.0%	0.9%	0.7%	0.9%	

Notes:
All forecast values are non-coincident as estimated by PJM staff.
All forecast values represent unrestricted peaks, after reductions for distributed solar generation, reductions for distributed battery storage, additions for plug-in electric vehicles, and prior to reductions for load management.
All average growth rates are calculated from the first year of the forecast (2024).
Summer season indicates peak from June, July, August.

Table B-1

SUMMER PEAK LOAD (MW) AND GROWTH RATES FOR EACH PJM WESTERN AND PJM SOUTHERN ZONE, GEOGRAPHIC REGION AND RTO 2024 - 2034

	METERED 2023	UNRESTRICTED 2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	Annual Growth Rate (10 yr)
AEP	21,348	21,348	22,902	23,893	24,607	25,106	25,495	25,757	25,945	26,113	26,174	26,269	26,408	1.4%
				4.3%	3.0%	2.0%	1.5%	1.0%	0.7%	0.6%	0.2%	0.4%	0.5%	
APS	8,584	8,585	8,835	8,968	9,356	9,591	9,629	9,658	9,674	9,687	9,693	9,713	9,755	1.0%
				1.5%	4.3%	2.5%	0.4%	0.3%	0.2%	0.1%	0.1%	0.2%	0.4%	
ATSI	11,963	11,974	12,433	12,421	12,432	12,455	12,458	12,483	12,500	12,505	12,518	12,563	12,612	0.1%
				-0.1%	0.1%	0.2%	0.0%	0.2%	0.1%	0.0%	0.1%	0.4%	0.4%	
COMED	22,468	22,468	20,414	20,380	20,372	20,356	20,320	20,208	20,204	20,236	20,252	20,343	20,411	(0.0%)
				-0.2%	-0.0%	-0.1%	-0.2%	-0.6%	-0.0%	0.2%	0.1%	0.4%	0.3%	
DAYTON	3,241	3,241	3,319	3,322	3,329	3,338	3,345	3,350	3,348	3,355	3,362	3,372	3,385	0.2%
				0.1%	0.2%	0.3%	0.2%	0.1%	-0.1%	0.2%	0.2%	0.3%	0.4%	
DEOK	5,135	5,135	5,332	5,339	5,356	5,363	5,363	5,376	5,387	5,401	5,417	5,439	5,465	0.2%
				0.1%	0.3%	0.1%	0.0%	0.2%	0.2%	0.3%	0.3%	0.4%	0.5%	
DLCO	2,535	2,541	2,705	2,707	2,716	2,727	2,737	2,754	2,767	2,787	2,803	2,826	2,855	0.5%
				0.1%	0.3%	0.4%	0.4%	0.6%	0.5%	0.7%	0.6%	0.8%	1.0%	
EKPC	2,063	2,063	2,070	2,088	2,105	2,124	2,139	2,153	2,164	2,177	2,187	2,199	2,211	0.7%
				0.9%	0.8%	0.9%	0.7%	0.7%	0.5%	0.6%	0.5%	0.5%	0.5%	
OVEC	82	82	90	90	90	90	90	90	90	90	90	90	90	0.0%
				0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	
DIVERSITY - WESTERN(-)			1,571	1,612	1,552	1,516	1,523	1,665	1,719	1,858	1,776	1,810	1,801	
PJM WESTERN	73,321	73,330	76,529	77,596	78,811	79,634	80,053	80,164	80,360	80,493	80,720	81,004	81,391	0.6%
				1.4%	1.6%	1.0%	0.5%	0.1%	0.2%	0.2%	0.3%	0.4%	0.5%	
DOM	21,993	21,993	22,781	23,691	25,627	27,487	29,800	31,776	33,472	34,911	36,288	37,673	39,019	5.5%
				4.0%	8.2%	7.3%	8.4%	6.6%	5.3%	4.3%	3.9%	3.8%	3.6%	
DIVERSITY - TOTAL(-)			7,053	7,060	7,123	6,996	6,938	6,909	7,087	7,157	7,114	7,198	7,190	
PJM RTO	146,745	146,799	151,247	153,493	156,803	159,859	162,972	165,681	167,873	170,008	172,109	174,366	176,822	1.6%
				1.5%	2.2%	1.9%	1.9%	1.7%	1.3%	1.3%	1.2%	1.3%	1.4%	

Notes:
All forecast values are non-coincident as estimated by PJM staff.
All forecast values represent unrestricted peaks, after reductions for distributed solar generation, reductions for distributed battery storage, additions for plug-in electric vehicles, and prior to reductions for load management.
All average growth rates are calculated from the first year of the forecast (2024).
Summer season indicates peak from June, July, August.

Table B-1 (continued)

SUMMER PEAK LOAD (MW) AND GROWTH RATES FOR EACH PJM WESTERN AND PJM SOUTHERN ZONE, GEOGRAPHIC REGION AND RTO 2035 - 2039

	2035	2036	2037	2038	2039	Annual Growth Rate (15 yr)
AEP	26,564	26,756	26,944	27,122	27,331	1.2%
	0.6%	0.7%	0.7%	0.7%	0.8%	
APS	9,803	9,865	9,906	9,947	10,005	0.8%
	0.5%	0.6%	0.4%	0.4%	0.6%	
ATSI	12,684	12,763	12,857	12,942	13,043	0.3%
	0.6%	0.6%	0.7%	0.7%	0.8%	
COMED	20,494	20,679	20,864	21,005	21,188	0.2%
	0.4%	0.9%	0.9%	0.7%	0.9%	
DAYTON	3,400	3,423	3,450	3,473	3,498	0.4%
	0.4%	0.7%	0.8%	0.7%	0.7%	
DEOK	5,496	5,540	5,585	5,625	5,670	0.4%
	0.6%	0.8%	0.8%	0.7%	0.8%	
DLCO	2,888	2,924	2,962	3,004	3,050	0.8%
	1.2%	1.2%	1.3%	1.4%	1.5%	
EKPC	2,231	2,253	2,275	2,291	2,311	0.7%
	0.9%	1.0%	1.0%	0.7%	0.9%	
OVEC	90	90	90	90	90	0.0%
	0.0%	0.0%	0.0%	0.0%	0.0%	
DIVERSITY - WESTERN(-)	1,740	1,853	1,862	1,872	1,842	
PJM WESTERN	81,910	82,440	83,071	83,627	84,344	0.7%
	0.6%	0.6%	0.8%	0.7%	0.9%	
DOM	40,279	41,482	42,742	44,023	45,445	4.7%
	3.2%	3.0%	3.0%	3.0%	3.2%	
DIVERSITY - TOTAL(-)	6,949	6,926	7,232	7,356	7,565	
PJM RTO	179,622	182,487	185,127	187,752	190,752	1.6%
	1.6%	1.6%	1.4%	1.4%	1.6%	

Notes:
All forecast values are non-coincident as estimated by PJM staff.
All forecast values represent unrestricted peaks, after reductions for distributed solar generation, reductions for distributed battery storage, additions for plug-in electric vehicles, and prior to reductions for load management.
All average growth rates are calculated from the first year of the forecast (2024).
Summer season indicates peak from June, July, August.

Table B-2

WINTER PEAK LOAD (MW) AND GROWTH RATES FOR EACH PJM MID-ATLANTIC ZONE AND GEOGRAPHIC REGION 2023/24 - 2033/34

	METERED 22/23	UNRESTRICTED 22/23	23/24	24/25	25/26	26/27	27/28	28/29	29/30	30/31	31/32	32/33	33/34	Annual Growth Rate (10 yr)
AE	1,559	1,566	1,637	1,673	1,721	1,774	1,835	1,876	1,928	1,988	2,053	2,105	2,161	2.8%
				2.2%	2.9%	3.1%	3.4%	2.2%	2.8%	3.1%	3.3%	2.5%	2.7%	
BGE	5,912	5,968	5,827	5,836	5,855	5,899	5,947	5,973	6,020	6,092	6,162	6,242	6,313	0.8%
				0.2%	0.3%	0.8%	0.8%	0.4%	0.8%	1.2%	1.1%	1.3%	1.1%	
DPL	3,659	3,705	3,700	3,705	3,730	3,756	3,793	3,793	3,812	3,833	3,872	3,894	3,915	0.6%
				0.1%	0.7%	0.7%	1.0%	0.0%	0.5%	0.6%	1.0%	0.6%	0.5%	
JCPL	3,497	3,517	3,817	3,989	4,208	4,439	4,678	4,892	5,115	5,354	5,610	5,819	6,040	4.7%
				4.5%	5.5%	5.5%	5.4%	4.6%	4.6%	4.7%	4.8%	3.7%	3.8%	
METED	2,534	2,535	2,740	2,752	2,799	2,859	2,946	2,987	3,054	3,122	3,210	3,281	3,365	2.1%
				0.4%	1.7%	2.1%	3.0%	1.4%	2.2%	2.2%	2.8%	2.2%	2.6%	
PECO	6,346	6,416	6,597	6,583	6,616	6,664	6,729	6,733	6,768	6,812	6,878	6,916	6,967	0.5%
				-0.2%	0.5%	0.7%	1.0%	0.1%	0.5%	0.7%	1.0%	0.6%	0.7%	
PENLC	2,722	2,726	2,829	2,811	2,815	2,820	2,836	2,828	2,826	2,837	2,862	2,859	2,869	0.1%
				-0.6%	0.1%	0.2%	0.6%	-0.3%	-0.1%	0.4%	0.9%	-0.1%	0.3%	
PEPCO	5,081	5,099	5,359	5,365	5,397	5,434	5,473	5,498	5,542	5,595	5,657	5,697	5,745	0.7%
				0.1%	0.6%	0.7%	0.7%	0.5%	0.8%	1.0%	1.1%	0.7%	0.8%	
PL	6,899	7,063	7,363	7,342	7,353	7,379	7,425	7,395	7,400	7,421	7,444	7,449	7,450	0.1%
				-0.3%	0.1%	0.4%	0.6%	-0.4%	0.1%	0.3%	0.3%	0.1%	0.0%	
PS	6,310	6,310	6,816	7,060	7,367	7,688	8,051	8,387	8,713	9,048	9,373	9,623	9,906	3.8%
				3.6%	4.3%	4.4%	4.7%	4.2%	3.9%	3.8%	3.6%	2.7%	2.9%	
RECO	199	199	225	232	240	248	258	266	274	283	292	300	308	3.2%
				3.1%	3.4%	3.3%	4.0%	3.1%	3.0%	3.3%	3.2%	2.7%	2.7%	
UGI	205	205	201	200	200	201	202	201	201	202	204	204	204	0.1%
				-0.5%	0.0%	0.5%	0.5%	-0.5%	0.0%	0.5%	1.0%	0.0%	0.0%	
DIVERSITY - MID-ATLANTIC(-)			604	733	747	737	431	584	608	642	593	460	448	
PJM MID-ATLANTIC	43,881	44,421	46,507	46,815	47,554	48,424	49,742	50,245	51,045	51,945	53,024	53,929	54,795	1.7%
				0.7%	1.6%	1.8%	2.7%	1.0%	1.6%	1.8%	2.1%	1.7%	1.6%	
FE-EAST	8,609	8,709	9,303	9,485	9,756	10,052	10,379	10,643	10,938	11,246	11,606	11,883	12,196	2.7%
				2.0%	2.9%	3.0%	3.3%	2.5%	2.8%	2.8%	3.2%	2.4%	2.6%	
PLGRP	7,104	7,268	7,561	7,541	7,553	7,575	7,620	7,587	7,596	7,612	7,637	7,642	7,647	0.1%
				-0.3%	0.2%	0.3%	0.6%	-0.4%	0.1%	0.2%	0.3%	0.1%	0.1%	

Notes:
All forecast values are non-coincident as estimated by PJM staff.
All forecast values represent unrestricted peaks, after reductions for distributed solar generation, additions for plug-in electric vehicles, and prior to reductions for load management.
All average growth rates are calculated from the first year of the forecast (2023/24).
Winter season indicates peak from December, January, February.

Table B-2 (Continued)

WINTER PEAK LOAD (MW) AND GROWTH RATES FOR EACH PJM MID-ATLANTIC ZONE AND GEOGRAPHIC REGION 2034/35 - 2038/39

	34/35	35/36	36/37	37/38	38/39	Annual Growth Rate (15 yr)
AE	2,223	2,294	2,355	2,420	2,489	2.8%
	2.9%	3.2%	2.7%	2.8%	2.9%	
BGE	6,414	6,519	6,608	6,703	6,803	1.0%
	1.6%	1.6%	1.4%	1.4%	1.5%	
DPL	3,946	3,994	4,022	4,058	4,105	0.7%
	0.8%	1.2%	0.7%	0.9%	1.2%	
JCPL	6,268	6,506	6,735	6,961	7,200	4.3%
	3.8%	3.8%	3.5%	3.4%	3.4%	
METED	3,464	3,580	3,672	3,786	3,912	2.4%
	2.9%	3.3%	2.6%	3.1%	3.3%	
PECO	7,026	7,102	7,152	7,211	7,285	0.7%
	0.8%	1.1%	0.7%	0.8%	1.0%	
PENLC	2,886	2,919	2,926	2,942	2,967	0.3%
	0.6%	1.1%	0.2%	0.5%	0.8%	
PEPCO	5,806	5,887	5,946	6,014	6,081	0.8%
	1.1%	1.4%	1.0%	1.1%	1.1%	
PL	7,477	7,514	7,546	7,577	7,617	0.2%
	0.4%	0.5%	0.4%	0.4%	0.5%	
PS	10,199	10,497	10,819	11,097	11,407	3.5%
	3.0%	2.9%	3.1%	2.6%	2.8%	
RECO	316	324	333	341	350	3.0%
	2.6%	2.5%	2.8%	2.4%	2.6%	
UGI	205	207	208	210	211	0.3%
	0.5%	1.0%	0.5%	1.0%	0.5%	
DIVERSITY - MID-ATLANTIC(-)	471	555	483	485	317	
PJM MID-ATLANTIC	55,759	56,788	57,839	58,835	60,110	1.7%
	1.8%	1.8%	1.9%	1.7%	2.2%	
FE-EAST	12,537	12,912	13,249	13,600	13,982	2.8%
	2.8%	3.0%	2.6%	2.6%	2.8%	
PLGRP	7,674	7,717	7,749	7,774	7,821	0.2%
	0.4%	0.6%	0.4%	0.3%	0.6%	

Notes:
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All forecast values represent unrestricted peaks, after reductions for distributed solar generation, additions for plug-in electric vehicles, and prior to reductions for load management.
All average growth rates are calculated from the first year of the forecast (2023/24).
Winter season indicates peak from December, January, February.

Table B-2

WINTER PEAK LOAD (MW) AND GROWTH RATES FOR
EACH PJM WESTERN AND PJM SOUTHERN ZONE, GEOGRAPHIC REGION AND RTO
2023/24 - 2033/34

	METERED 22/23	UNRESTRICTED 22/23	23/24	24/25	25/26	26/27	27/28	28/29	29/30	30/31	31/32	32/33	33/34	Annual Growth Rate (10 yr)
AEP	22,766	23,005	22,913	23,779	24,511	25,020	25,532	25,768	25,841	25,974	26,059	26,100	26,210	1.4%
				3.8%	3.1%	2.1%	2.0%	0.9%	0.3%	0.5%	0.3%	0.2%	0.4%	
APS	9,308	9,377	9,158	9,358	9,394	9,840	10,111	10,137	10,156	10,195	10,232	10,249	10,273	1.2%
				2.2%	0.4%	4.7%	2.8%	0.3%	0.2%	0.4%	0.4%	0.2%	0.2%	
ATSI	10,176	10,218	10,356	10,300	10,318	10,371	10,449	10,473	10,482	10,507	10,551	10,577	10,611	0.2%
				-0.5%	0.2%	0.5%	0.8%	0.2%	0.1%	0.2%	0.4%	0.2%	0.3%	
COMED	14,818	14,894	14,739	14,747	14,831	14,941	15,063	15,142	15,196	15,289	15,445	15,547	15,651	0.6%
				0.1%	0.6%	0.7%	0.8%	0.5%	0.4%	0.6%	1.0%	0.7%	0.7%	
DAYTON	3,006	3,015	2,943	2,926	2,930	2,941	2,956	2,951	2,940	2,938	2,944	2,947	2,947	0.0%
				-0.6%	0.1%	0.4%	0.5%	-0.2%	-0.4%	-0.1%	0.2%	0.1%	0.0%	
DEOK	4,933	4,936	4,566	4,547	4,548	4,570	4,605	4,587	4,593	4,599	4,623	4,631	4,632	0.1%
				-0.4%	0.0%	0.5%	0.8%	-0.4%	0.1%	0.1%	0.5%	0.2%	0.0%	
DLCO	2,033	2,039	1,997	1,992	2,001	2,016	2,035	2,046	2,056	2,075	2,095	2,114	2,133	0.7%
				-0.3%	0.5%	0.7%	0.9%	0.5%	0.5%	0.9%	1.0%	0.9%	0.9%	
EKPC	3,226	3,237	2,725	2,715	2,732	2,751	2,778	2,785	2,788	2,791	2,806	2,806	2,820	0.3%
				-0.4%	0.6%	0.7%	1.0%	0.3%	0.1%	0.1%	0.5%	0.0%	0.5%	
OVEC	89	89	110	110	110	110	110	110	110	110	110	110	110	0.0%
				0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	
DIVERSITY - WESTERN(-)			1,880	1,859	1,746	1,765	1,948	1,881	1,738	1,704	1,645	1,614	1,602	
PJM WESTERN	70,188	70,708	67,627	68,615	69,629	70,795	71,691	72,118	72,424	72,774	73,220	73,467	73,785	0.9%
				1.5%	1.5%	1.7%	1.3%	0.6%	0.4%	0.5%	0.6%	0.3%	0.4%	
DOM	22,190	22,477	22,525	23,211	24,627	26,355	28,360	30,176	31,860	33,324	34,676	35,820	36,851	5.0%
				3.0%	6.1%	7.0%	7.6%	6.4%	5.6%	4.6%	4.1%	3.3%	2.9%	
DIVERSITY - TOTAL(-)			4,484	4,905	5,079	5,252	5,174	5,168	4,805	4,840	4,578	4,558	4,412	
PJM RTO	134,190	134,951	134,659	136,328	139,224	142,824	146,998	149,836	152,870	155,549	158,580	160,732	163,069	1.9%
				1.2%	2.1%	2.6%	2.9%	1.9%	2.0%	1.8%	1.9%	1.4%	1.5%	

Notes:
All forecast values are non-coincident as estimated by PJM staff.
All forecast values represent unrestricted peaks, after reductions for distributed solar generation, additions for plug-in electric vehicles, and prior to reductions for load management.
All average growth rates are calculated from the first year of the forecast (2023/24).
Winter season indicates peak from December, January, February.

Table B-2 (Continued)

WINTER PEAK LOAD (MW) AND GROWTH RATES FOR
EACH PJM WESTERN AND PJM SOUTHERN ZONE, GEOGRAPHIC REGION AND RTO
2034/35 - 2038/39

	34/35	35/36	36/37	37/38	38/39	Annual Growth Rate (15 yr)
AEP	26,281	26,349	26,415	26,517	26,680	1.0%
	0.3%	0.3%	0.3%	0.4%	0.6%	
APS	10,317	10,373	10,397	10,434	10,489	0.9%
	0.4%	0.5%	0.2%	0.4%	0.5%	
ATSI	10,664	10,714	10,762	10,813	10,877	0.3%
	0.5%	0.5%	0.4%	0.5%	0.6%	
COMED	15,813	15,982	16,107	16,267	16,435	0.7%
	1.0%	1.1%	0.8%	1.0%	1.0%	
DAYTON	2,950	2,958	2,964	2,976	2,996	0.1%
	0.1%	0.3%	0.2%	0.4%	0.7%	
DEOK	4,637	4,670	4,667	4,692	4,731	0.2%
	0.1%	0.7%	-0.1%	0.5%	0.8%	
DLCO	2,159	2,183	2,212	2,242	2,270	0.9%
	1.2%	1.1%	1.3%	1.4%	1.2%	
EKPC	2,826	2,844	2,846	2,858	2,873	0.4%
	0.2%	0.6%	0.1%	0.4%	0.5%	
OVEC	110	110	110	110	110	0.0%
	0.0%	0.0%	0.0%	0.0%	0.0%	
DIVERSITY - WESTERN(-)	1,569	1,515	1,290	1,166	1,225	
PJM WESTERN	74,188	74,668	75,190	75,743	76,236	0.8%
	0.5%	0.6%	0.7%	0.7%	0.7%	
DOM	37,931	39,005	40,112	41,250	42,273	4.3%
	2.9%	2.8%	2.8%	2.8%	2.5%	
DIVERSITY - TOTAL(-)	4,213	4,020	3,958	3,977	3,966	
PJM RTO	165,705	168,511	170,956	173,502	176,195	1.8%
	1.6%	1.7%	1.5%	1.5%	1.6%	

Notes:
All forecast values are non-coincident as estimated by PJM staff.
All forecast values represent unrestricted peaks, after reductions for distributed solar generation, additions for plug-in electric vehicles, and prior to reductions for load management.
All average growth rates are calculated from the first year of the forecast (2023/24).
Winter season indicates peak from December, January, February.

Table B-3

SPRING PEAK LOAD (MW) FOR
EACH PJM MID-ATLANTIC ZONE AND GEOGRAPHIC REGION
2024 - 2039

	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	2037	2038	2039
AE	1,742	1,743	1,739	1,746	1,775	1,797	1,816	1,846	1,888	1,927	1,971	2,023	2,045	2,094	2,151	2,202
BGE	5,179	5,177	5,193	5,213	5,258	5,304	5,339	5,385	5,446	5,527	5,617	5,724	5,800	5,897	6,017	6,129
DPL	3,133	3,117	3,119	3,130	3,147	3,161	3,173	3,185	3,208	3,248	3,271	3,316	3,330	3,375	3,430	3,465
JCPL	4,235	4,247	4,274	4,329	4,425	4,531	4,659	4,755	4,931	5,089	5,250	5,417	5,556	5,736	5,940	6,128
METED	2,471	2,495	2,546	2,606	2,682	2,746	2,800	2,857	2,932	3,036	3,121	3,222	3,311	3,427	3,540	3,689
PECO	6,466	6,437	6,450	6,455	6,554	6,613	6,656	6,640	6,645	6,755	6,818	6,923	6,944	6,993	7,047	7,199
PENLC	2,544	2,534	2,541	2,546	2,549	2,554	2,552	2,558	2,568	2,586	2,599	2,611	2,625	2,652	2,679	2,705
PEPCO	4,868	4,868	4,888	4,906	4,960	4,991	5,011	5,031	5,058	5,112	5,168	5,236	5,291	5,362	5,436	5,534
PL	6,281	6,255	6,299	6,336	6,355	6,371	6,375	6,360	6,397	6,441	6,466	6,476	6,468	6,520	6,584	6,631
PS	7,449	7,452	7,501	7,579	7,755	7,936	8,091	8,227	8,429	8,626	8,825	9,049	9,181	9,433	9,702	9,951
RECO	300	299	297	296	300	302	303	302	302	308	312	319	321	324	328	335
UGI	169	168	169	170	170	171	171	171	172	173	174	175	176	178	180	182
DIVERSITY - MID-ATLANTIC(-)	2,089	2,018	1,894	1,470	1,319	1,314	1,277	1,299	1,244	1,251	1,302	1,406	1,280	1,276	1,256	1,254
PJM MID-ATLANTIC	42,748	42,774	43,122	43,842	44,611	45,163	45,669	46,018	46,732	47,577	48,290	49,085	49,768	50,715	51,778	52,896
FE-EAST	8,790	8,871	9,008	9,233	9,440	9,628	9,824	10,020	10,245	10,576	10,833	11,115	11,324	11,641	11,999	12,383
PLGRP	6,448	6,422	6,468	6,502	6,519	6,542	6,544	6,524	6,565	6,612	6,635	6,644	6,641	6,692	6,762	6,811

Notes:
All forecast values represent unrestricted peaks, after reductions for distributed solar generation, additions for plug-in electric vehicles, and prior to reductions for load management.
Spring season indicates peak from March, April, May.

Table B-3

SPRING PEAK LOAD (MW) FOR
EACH PJM WESTERN AND PJM SOUTHERN ZONE, GEOGRAPHIC REGION AND RTO
2024 - 2039

	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	2037	2038	2039
AEP	20,213	21,124	21,845	22,418	22,804	23,117	23,236	23,266	23,367	23,495	23,586	23,755	23,778	23,924	24,050	24,251
APS	7,891	8,072	8,199	8,577	8,814	8,859	8,881	8,848	8,929	8,985	9,004	9,084	9,012	9,118	9,221	9,258
ATSI	9,870	9,811	9,799	9,852	9,968	9,996	10,005	9,979	9,984	10,099	10,156	10,218	10,209	10,266	10,344	10,486
COMED	15,027	14,748	14,670	14,704	15,052	15,096	15,100	14,972	14,961	15,242	15,388	15,558	15,534	15,602	15,778	16,139
DAYTON	2,675	2,657	2,650	2,665	2,704	2,706	2,702	2,683	2,684	2,714	2,724	2,736	2,737	2,745	2,763	2,804
DEOK	4,357	4,321	4,324	4,328	4,375	4,393	4,400	4,382	4,381	4,434	4,463	4,492	4,489	4,517	4,540	4,632
DLCO	2,171	2,155	2,154	2,156	2,206	2,224	2,235	2,231	2,230	2,277	2,311	2,346	2,349	2,364	2,396	2,465
EKPC	2,127	2,134	2,151	2,168	2,184	2,194	2,204	2,212	2,221	2,229	2,236	2,240	2,262	2,273	2,291	2,304
OVEC	90	90	90	90	90	90	90	90	90	90	90	90	90	90	90	90
DIVERSITY - WESTERN(-)	2,983	2,790	2,634	2,760	2,660	2,832	2,978	2,702	2,571	2,610	2,654	2,756	2,592	2,431	2,458	2,456
PJM WESTERN	61,438	62,322	63,248	64,198	65,537	65,843	65,875	65,961	66,276	66,955	67,304	67,763	67,868	68,468	69,015	69,973
DOM	19,760	20,508	22,081	23,787	25,888	27,796	29,476	30,797	32,046	33,319	34,517	35,664	36,683	37,752	38,885	40,176
DIVERSITY - TOTAL(-)	7,312	6,937	6,700	6,666	6,757	6,994	6,883	6,464	6,507	6,322	6,131	6,360	6,254	6,197	6,243	6,259
PJM RTO	121,706	123,475	126,279	129,391	133,258	135,954	138,392	140,313	142,362	145,390	147,936	150,314	151,937	154,445	157,149	160,496

Notes:
All forecast values represent unrestricted peaks, after reductions for distributed solar generation, additions for plug-in electric vehicles, and prior to reductions for load management.
Spring season indicates peak from March, April, May.

Table B-4

FALL PEAK LOAD (MW) FOR
EACH PJM MID-ATLANTIC ZONE AND GEOGRAPHIC REGION
2024 - 2039

	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	2037	2038	2039
AE	2,039	2,053	2,058	2,063	2,057	2,073	2,107	2,142	2,164	2,181	2,209	2,246	2,317	2,358	2,399	2,439
BGE	5,388	5,421	5,462	5,485	5,521	5,575	5,642	5,722	5,794	5,873	5,967	6,089	6,236	6,363	6,466	6,597
DPL	3,193	3,197	3,208	3,212	3,222	3,227	3,255	3,287	3,319	3,353	3,378	3,418	3,492	3,552	3,590	3,643
JCPL	4,766	4,829	4,881	4,928	4,959	5,037	5,133	5,255	5,358	5,484	5,626	5,752	5,956	6,139	6,283	6,451
METED	2,558	2,610	2,673	2,732	2,769	2,836	2,917	2,994	3,069	3,152	3,241	3,352	3,489	3,619	3,734	3,872
PECO	6,992	7,030	7,067	7,093	7,113	7,148	7,225	7,291	7,322	7,383	7,432	7,516	7,655	7,747	7,821	7,902
PENLC	2,524	2,532	2,546	2,554	2,557	2,559	2,576	2,596	2,614	2,633	2,648	2,667	2,710	2,742	2,770	2,798
PEPCO	5,127	5,174	5,209	5,235	5,250	5,291	5,339	5,412	5,449	5,509	5,581	5,648	5,786	5,891	5,971	6,065
PL	6,147	6,175	6,227	6,243	6,239	6,247	6,276	6,332	6,380	6,407	6,414	6,446	6,539	6,622	6,670	6,711
PS	8,297	8,419	8,521	8,603	8,686	8,824	8,994	9,150	9,292	9,415	9,573	9,771	10,041	10,299	10,470	10,676
RECO	326	330	331	329	325	324	333	337	339	340	341	347	359	366	369	374
UGI	167	167	168	169	169	169	170	171	173	174	175	176	177	180	182	184
DIVERSITY - MID-ATLANTIC(-)	1,100	997	973	935	1,205	1,194	1,010	1,082	1,102	1,198	1,173	1,260	1,161	1,116	1,269	1,295
PJM MID-ATLANTIC	46,424	46,940	47,378	47,711	47,662	48,116	48,957	49,607	50,171	50,706	51,412	52,168	53,596	54,762	55,456	56,417
FE-EAST	9,616	9,779	9,925	10,016	10,037	10,179	10,389	10,655	10,856	11,052	11,287	11,542	11,947	12,298	12,574	12,907
PLGRP	6,312	6,340	6,392	6,409	6,405	6,416	6,441	6,499	6,548	6,577	6,588	6,619	6,716	6,801	6,852	6,895

Notes:
All forecast values represent unrestricted peaks, after reductions for distributed solar generation, additions for plug-in electric vehicles, and prior to reductions for load management.
Fall season indicates peak from September, October, November.

Table B-4

FALL PEAK LOAD (MW) FOR
EACH PJM WESTERN AND PJM SOUTHERN ZONE, GEOGRAPHIC REGION AND RTO
2024 - 2039

	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	2037	2038	2039
AEP	20,714	21,824	22,553	23,043	23,454	23,533	23,826	24,080	24,168	24,283	24,378	24,351	24,757	24,979	25,132	25,311
APS	7,962	8,031	8,469	8,703	8,713	8,737	8,779	8,807	8,839	8,859	8,890	8,923	8,987	9,067	9,113	9,158
ATSI	10,664	10,829	10,878	10,901	10,772	10,758	10,809	10,986	11,030	11,016	10,966	11,015	11,277	11,378	11,452	11,503
COMED	17,307	17,361	17,408	17,382	17,343	17,264	17,329	17,525	17,520	17,644	17,784	17,777	18,101	18,311	18,475	18,618
DAYTON	2,921	2,948	2,970	2,971	2,952	2,941	2,963	2,990	3,000	3,000	3,000	2,999	3,060	3,097	3,107	3,123
DEOK	4,765	4,796	4,813	4,817	4,808	4,809	4,827	4,869	4,882	4,900	4,917	4,930	5,011	5,058	5,093	5,131
DLCO	2,345	2,361	2,378	2,393	2,391	2,403	2,422	2,457	2,480	2,500	2,519	2,531	2,597	2,642	2,671	2,710
EKPC	2,001	2,014	2,036	2,061	2,077	2,090	2,088	2,099	2,118	2,132	2,144	2,160	2,167	2,194	2,213	2,233
OVEC	80	80	80	80	80	80	80	80	80	80	80	80	80	80	80	80
DIVERSITY - WESTERN(-)	1,951	1,916	1,925	1,836	1,726	1,824	1,900	1,937	1,798	1,773	1,818	1,991	1,927	1,955	1,886	1,898
PJM WESTERN	66,808	68,328	69,660	70,515	70,864	70,791	71,223	71,956	72,319	72,641	72,860	72,775	74,110	74,851	75,450	75,969
DOM	20,254	21,219	23,239	25,130	27,451	29,431	31,139	32,630	34,071	35,434	36,762	37,975	39,250	40,551	41,857	43,208
DIVERSITY - TOTAL(-)	6,120	5,800	5,611	5,555	5,971	6,823	6,078	5,862	5,638	5,833	6,185	6,896	6,143	6,085	6,075	5,935
PJM RTO	130,417	133,600	137,564	140,572	142,937	144,533	148,151	151,350	153,823	155,919	157,840	159,273	163,901	167,150	169,843	172,852

Notes:
All forecast values represent unrestricted peaks, after reductions for distributed solar generation, additions for plug-in electric vehicles, and prior to reductions for load management.
Fall season indicates peak from September, October, November.

Table B-5

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

	AE	BGE	DPL	JCPL	METED	PECO	PENLC	PEPCO	PL	PS	RECO	UGI	MID-ATLANTIC DIVERSITY	PJM MID-ATLANTIC
Jan 2024	1,637	5,827	3,700	3,817	2,740	6,597	2,829	5,359	7,363	6,816	225	201	604	46,507
Feb 2024	1,558	5,517	3,481	3,618	2,628	6,261	2,735	5,040	7,037	6,509	211	190	805	43,980
Mar 2024	1,389	4,939	3,133	3,228	2,406	5,484	2,544	4,457	6,281	5,934	192	169	858	39,298
Apr 2024	1,283	4,198	2,565	2,960	2,185	5,003	2,318	3,863	5,474	5,554	197	145	933	34,812
May 2024	1,742	5,179	3,104	4,235	2,471	6,466	2,353	4,868	5,758	7,449	300	149	1,326	42,748
Jun 2024	2,327	6,066	3,637	5,603	2,857	8,122	2,709	5,626	6,658	9,403	390	181	2,011	51,568
Jul 2024	2,593	6,491	3,945	6,052	3,036	8,581	2,867	6,053	7,126	10,068	410	197	1,586	55,833
Aug 2024	2,491	6,400	3,827	5,776	2,950	8,169	2,729	5,948	6,821	9,673	394	183	1,751	53,610
Sep 2024	2,039	5,388	3,193	4,766	2,558	6,992	2,524	5,127	6,147	8,297	326	167	1,100	46,424
Oct 2024	1,464	4,121	2,441	3,295	2,106	5,226	2,260	3,993	5,224	6,153	217	142	1,135	35,507
Nov 2024	1,369	4,362	2,685	3,246	2,233	5,266	2,417	4,015	5,808	5,934	201	164	618	37,082
Dec 2024	1,606	5,254	3,317	3,832	2,574	6,188	2,650	4,811	6,730	6,738	227	191	482	43,636

	AE	BGE	DPL	JCPL	METED	PECO	PENLC	PEPCO	PL	PS	RECO	UGI	DIVERSITY	MID-ATLANTIC
Jan 2025	1,673	5,836	3,705	3,989	2,752	6,583	2,811	5,365	7,342	7,060	232	200	733	46,815
Feb 2025	1,566	5,453	3,432	3,709	2,593	6,129	2,656	4,976	6,878	6,641	214	187	722	43,712
Mar 2025	1,415	4,973	3,117	3,356	2,448	5,490	2,534	4,454	6,255	6,110	197	168	655	39,862
Apr 2025	1,297	4,235	2,545	3,046	2,233	5,005	2,313	3,889	5,485	5,668	200	144	906	35,154
May 2025	1,743	5,177	3,030	4,247	2,495	6,437	2,340	4,868	5,667	7,452	299	148	1,129	42,774
Jun 2025	2,336	6,080	3,606	5,631	2,906	8,171	2,725	5,665	6,709	9,500	394	183	2,116	51,790
Jul 2025	2,599	6,507	3,926	6,085	3,077	8,599	2,872	6,082	7,156	10,143	410	198	1,636	56,018
Aug 2025	2,496	6,407	3,797	5,792	2,984	8,182	2,733	5,970	6,840	9,759	393	184	1,705	53,832
Sep 2025	2,053	5,421	3,197	4,829	2,610	7,030	2,532	5,174	6,175	8,419	330	167	997	46,940
Oct 2025	1,477	4,150	2,436	3,354	2,149	5,237	2,248	4,002	5,216	6,249	219	142	1,088	35,791
Nov 2025	1,395	4,388	2,692	3,376	2,275	5,304	2,405	4,028	5,801	6,111	205	163	626	37,517
Dec 2025	1,647	5,305	3,356	4,045	2,628	6,235	2,661	4,845	6,777	7,019	234	191	287	44,656

	AE	BGE	DPL	JCPL	METED	PECO	PENLC	PEPCO	PL	PS	RECO	UGI	DIVERSITY	MID-ATLANTIC
Jan 2026	1,721	5,855	3,730	4,208	2,799	6,616	2,815	5,397	7,353	7,367	240	200	747	47,554
Feb 2026	1,613	5,485	3,463	3,927	2,639	6,180	2,669	5,014	6,965	6,943	222	187	558	44,749
Mar 2026	1,457	5,014	3,119	3,553	2,511	5,548	2,541	4,547	6,299	6,382	203	169	131	41,212
Apr 2026	1,321	4,253	2,524	3,180	2,287	5,025	2,305	3,924	5,472	5,811	201	143	525	35,921
May 2026	1,739	5,193	2,987	4,274	2,546	6,450	2,319	4,888	5,652	7,501	297	147	871	43,122
Jun 2026	2,338	6,111	3,593	5,654	2,969	8,192	2,736	5,681	6,758	9,590	396	183	2,024	52,177
Jul 2026	2,602	6,523	3,913	6,099	3,141	8,640	2,885	6,104	7,196	10,224	411	198	1,603	56,333
Aug 2026	2,497	6,445	3,793	5,790	3,052	8,193	2,753	5,985	6,899	9,853	393	184	1,757	54,080
Sep 2026	2,058	5,462	3,208	4,881	2,673	7,067	2,546	5,209	6,227	8,521	331	168	973	47,378
Oct 2026	1,484	4,183	2,442	3,427	2,198	5,248	2,247	4,006	5,220	6,348	221	143	1,077	36,090
Nov 2026	1,443	4,463	2,721	3,551	2,370	5,385	2,437	4,122	5,898	6,365	213	167	544	38,591
Dec 2026	1,698	5,346	3,367	4,259	2,703	6,309	2,677	4,885	6,824	7,290	243	192	240	45,553

Notes:
All forecast values represent unrestricted peaks, after reductions for distributed solar generation, reductions for distributed battery storage, additions for plug-in electric vehicles, and prior to reductions for load management.

Table B-5

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

	AEP	APS	ATSI	COMED	DAYTON	DEOK	DLCO	EKPC	OVEC	WESTERN DIVERSITY	PJM WESTERN	DOM	TOTAL DIVERSITY	PJM RTO
Jan 2024	22,913	9,158	10,356	14,739	2,943	4,566	1,997	2,725	95	1,865	67,627	22,525	4,469	134,659
Feb 2024	22,094	8,826	10,039	14,297	2,822	4,353	1,909	2,502	110	1,773	65,179	21,125	4,107	128,755
Mar 2024	20,213	7,891	9,188	12,461	2,546	3,839	1,743	2,127	90	109	59,989	19,359	2,530	117,083
Apr 2024	17,979	6,836	8,431	11,544	2,279	3,492	1,652	1,718	75	529	53,477	16,887	4,040	102,598
May 2024	19,275	7,314	9,870	15,027	2,675	4,357	2,171	1,661	65	977	61,438	19,760	4,543	121,706
Jun 2024	21,765	8,414	12,075	19,478	3,136	5,077	2,599	1,946	75	1,864	72,701	21,709	7,655	142,198
Jul 2024	22,902	8,835	12,433	20,414	3,319	5,332	2,705	2,070	90	1,571	76,529	22,781	7,053	151,247
Aug 2024	22,447	8,694	12,285	19,888	3,251	5,253	2,652	2,031	75	1,449	75,127	22,287	6,634	147,590
Sep 2024	20,714	7,962	10,664	17,307	2,921	4,765	2,345	1,856	70	1,796	66,808	20,254	5,965	130,417
Oct 2024	17,381	6,844	8,379	12,532	2,306	3,681	1,732	1,623	70	1,874	52,674	17,134	4,985	103,339
Nov 2024	18,886	7,550	8,847	12,461	2,406	3,601	1,700	2,001	80	1,447	56,085	18,438	3,867	109,803
Dec 2024	21,018	8,527	9,867	14,172	2,707	4,196	1,905	2,414	85	1,454	63,437	21,046	4,108	125,947

	AEP	APS	ATSI	COMED	DAYTON	DEOK	DLCO	EKPC	OVEC	DIVERSITY	WESTERN	DOM	DIVERSITY	PJM RTO
Jan 2025	23,779	9,358	10,300	14,747	2,926	4,547	1,992	2,715	95	1,844	68,615	23,211	4,890	136,328
Feb 2025	22,538	8,845	9,791	14,040	2,758	4,274	1,877	2,456	110	1,867	64,822	21,578	4,257	128,444
Mar 2025	21,124	8,072	9,179	12,525	2,541	3,829	1,740	2,134	90	34	61,200	20,107	956	120,902
Apr 2025	18,926	7,039	8,438	11,561	2,288	3,495	1,648	1,725	75	317	54,878	17,641	2,221	106,675
May 2025	20,142	7,462	9,811	14,748	2,657	4,321	2,155	1,660	65	699	62,322	20,508	3,957	123,475
Jun 2025	22,857	8,553	12,107	19,231	3,147	5,083	2,606	1,960	75	1,547	74,072	22,625	7,602	144,548
Jul 2025	23,893	8,968	12,421	20,380	3,322	5,339	2,707	2,088	90	1,612	77,596	23,691	7,060	153,493
Aug 2025	23,411	8,784	12,263	19,640	3,250	5,242	2,655	2,042	75	1,334	76,028	23,204	6,297	149,806
Sep 2025	21,824	8,031	10,829	17,361	2,948	4,796	2,361	1,877	70	1,769	68,328	21,219	5,653	133,600
Oct 2025	18,375	6,841	8,414	12,581	2,313	3,679	1,740	1,644	70	1,871	53,786	18,074	4,923	105,687
Nov 2025	19,886	7,587	8,847	12,485	2,413	3,595	1,706	2,014	80	1,500	57,113	19,310	4,126	111,940
Dec 2025	22,045	8,610	9,922	14,318	2,718	4,208	1,919	2,430	85	1,336	64,919	22,121	4,227	129,092

	AEP	APS	ATSI	COMED	DAYTON	DEOK	DLCO	EKPC	OVEC	DIVERSITY	WESTERN	DOM	DIVERSITY	PJM RTO
Jan 2026	24,511	9,394	10,318	14,831	2,930	4,548	2,001	2,732	95	1,731	69,629	24,627	5,064	139,224
Feb 2026	23,303	8,914	9,832	14,195	2,762	4,278	1,891	2,474	110	1,843	65,916	23,112	4,430	131,748
Mar 2026	21,845	8,199	9,254	12,649	2,551	3,842	1,760	2,151	90	0	62,341	21,645	770	124,559
Apr 2026	19,457	7,147	8,459	11,595	2,278	3,501	1,658	1,721	75	2	55,889	19,203	1,889	109,651
May 2026	20,763	7,607	9,799	14,670	2,650	4,324	2,154	1,674	65	458	63,248	22,081	3,501	126,279
Jun 2026	23,613	8,933	12,147	19,363	3,163	5,099	2,615	1,985	75	1,539	75,454	24,473	7,621	148,046
Jul 2026	24,607	9,356	12,432	20,372	3,329	5,356	2,716	2,105	90	1,552	78,811	25,627	7,123	156,803
Aug 2026	24,148	9,234	12,236	19,737	3,261	5,263	2,666	2,069	75	1,240	77,449	25,214	6,390	153,350
Sep 2026	22,553	8,469	10,878	17,408	2,970	4,813	2,378	1,911	70	1,790	69,660	23,239	5,476	137,564
Oct 2026	19,032	7,232	8,434	12,641	2,311	3,685	1,750	1,644	70	1,802	54,997	20,081	5,412	108,635
Nov 2026	20,659	8,058	9,014	12,714	2,435	3,654	1,730	2,036	80	1,357	59,023	21,385	3,387	117,513
Dec 2026	22,807	9,066	9,978	14,452	2,729	4,236	1,941	2,447	85	1,363	66,378	24,270	4,388	133,416

Notes:
All forecast values represent unrestricted peaks, after reductions for distributed solar generation, reductions for distributed battery storage, additions for plug-in electric vehicles, and prior to reductions for load management.

Table B-6

MONTHLY PEAK FORECAST SCALED to SEASONAL PEAK (MW) FOR FE-EAST AND PLGRP

	FE_EAST	PLGRP
Jan 2024	9,303	7,561
Feb 2024	8,901	7,209
Mar 2024	7,973	6,448
Apr 2024	7,233	5,617
May 2024	8,790	5,893
Jun 2024	10,899	6,839
Jul 2024	11,723	7,323
Aug 2024	11,268	7,004
Sep 2024	9,616	6,312
Oct 2024	7,411	5,357
Nov 2024	7,788	5,969
Dec 2024	9,019	6,921

	FE_EAST	PLGRP
Jan 2025	9,485	7,541
Feb 2025	8,920	7,064
Mar 2025	8,244	6,422
Apr 2025	7,451	5,621
May 2025	8,871	5,809
Jun 2025	11,014	6,891
Jul 2025	11,791	7,354
Aug 2025	11,315	7,024
Sep 2025	9,779	6,340
Oct 2025	7,528	5,344
Nov 2025	7,959	5,950
Dec 2025	9,271	6,968

	FE_EAST	PLGRP
Jan 2026	9,756	7,553
Feb 2026	9,218	7,152
Mar 2026	8,605	6,468
Apr 2026	7,682	5,612
May 2026	9,008	5,796
Jun 2026	11,104	6,933
Jul 2026	11,882	7,394
Aug 2026	11,431	7,079
Sep 2026	9,925	6,392
Oct 2026	7,666	5,353
Nov 2026	8,298	6,053
Dec 2026	9,560	7,016

Notes:
All forecast values represent unrestricted peaks, after reductions for distributed solar generation, reductions for distributed battery storage, additions for plug-in electric vehicles, and prior to reductions for load management.
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)

	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	2037	2038	2039
AE																
CAPACITY PERFORMANCE	41	41	41	41	41	41	41	42	42	42	43	43	44	45	45	45
SUMMER PERIOD	7	7	7	7	8	8	8	8	8	8	8	8	8	8	8	8
PRD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL LOAD MANAGEMENT	48	48	48	48	49	49	49	50	50	50	51	51	52	53	53	53
BGE																
CAPACITY PERFORMANCE	102	102	102	103	103	104	105	105	106	107	109	110	112	114	115	116
SUMMER PERIOD	77	78	78	78	79	79	80	80	81	82	83	84	85	87	88	89
PRD	160	110	110	111	111	112	113	113	114	116	117	119	120	122	124	126
TOTAL LOAD MANAGEMENT	339	290	290	292	293	295	298	298	301	305	309	313	317	323	327	331
DPL																
CAPACITY PERFORMANCE	89	89	88	88	88	89	89	89	90	91	91	92	94	95	96	97
SUMMER PERIOD	89	89	88	88	88	89	89	89	90	91	91	92	94	95	96	97
PRD	35	38	38	38	38	38	38	38	39	39	39	40	40	41	41	41
TOTAL LOAD MANAGEMENT	213	216	214	214	214	216	216	216	219	221	221	224	228	231	233	235
JCPL																
CAPACITY PERFORMANCE	102	103	103	104	104	106	107	108	110	112	114	117	119	122	125	128
SUMMER PERIOD	5	5	5	5	5	5	5	5	5	5	6	6	6	6	6	6
PRD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL LOAD MANAGEMENT	107	108	108	109	109	111	112	113	115	117	120	123	125	128	131	134
METED																
CAPACITY PERFORMANCE	136	138	141	144	146	149	152	155	159	162	167	171	177	183	188	193
SUMMER PERIOD	25	25	26	26	27	27	28	29	29	30	31	32	33	34	35	36
PRD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL LOAD MANAGEMENT	161	163	167	170	173	176	180	184	188	192	198	203	210	217	223	229

Notes:
Summer-Period DR refers to DR resources that aggregate with Winter-Period resources to form a year-round commitment.
Forecast values for Capacity Performance and Summer-Period DR are based on actual committed quantities for Delivery Years 2021/22, 2022/23, 2023/24; forecast values for PRD are based on actual cleared quantities in the 2022/23, 2023/24 and 2024/25 RPM Base Residual Auctions

Table B-7 (Continued)

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

	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	2037	2038	2039
PECO																
CAPACITY PERFORMANCE	276	276	278	279	280	281	283	284	286	288	290	293	297	300	302	304
SUMMER PERIOD	28	28	28	28	28	28	28	28	29	29	29	29	30	30	30	30
PRD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL LOAD MANAGEMENT	304	304	306	307	308	309	311	312	315	317	319	322	327	330	332	334
PENLC																
CAPACITY PERFORMANCE	144	145	145	146	146	146	147	148	148	149	150	151	153	155	156	157
SUMMER PERIOD	86	86	87	87	87	87	87	88	88	89	89	90	91	92	93	94
PRD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL LOAD MANAGEMENT	230	231	232	233	233	233	234	236	236	238	239	241	244	247	249	251
PEPCO																
CAPACITY PERFORMANCE	96	97	97	97	98	98	99	100	101	101	102	103	105	106	107	108
SUMMER PERIOD	119	120	120	121	121	122	123	124	125	126	127	128	130	132	133	134
PRD	110	112	113	113	114	115	115	116	117	118	119	120	122	124	125	126
TOTAL LOAD MANAGEMENT	325	329	330	331	333	335	337	340	343	345	348	351	357	362	365	368
PL																
CAPACITY PERFORMANCE	322	323	325	326	326	327	328	330	331	332	333	335	339	342	344	346
SUMMER PERIOD	112	113	113	113	114	114	114	115	115	116	116	117	118	119	120	121
PRD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL LOAD MANAGEMENT	434	436	438	439	440	441	442	445	446	448	449	452	457	461	464	467
PS																
CAPACITY PERFORMANCE	153	154	156	157	158	160	162	164	165	168	170	173	176	179	183	187
SUMMER PERIOD	78	79	80	80	81	82	83	84	85	86	87	89	90	92	93	94
PRD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL LOAD MANAGEMENT	231	233	236	237	239	242	245	248	250	254	257	262	266	271	276	281

Notes:
Summer-Period DR refers to DR resources that aggregate with Winter-Period resources to form a year-round commitment.
Forecast values for Capacity Performance and Summer-Period DR are based on actual committed quantities for Delivery Years 2021/22, 2022/23, 2023/24; forecast values for PRD are based on actual cleared quantities in the 2022/23, 2023/24 and 2024/25 RPM Base Residual Auctions

Table B-7 (Continued)

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

	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	2037	2038	2039
RECO																
CAPACITY PERFORMANCE	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
SUMMER PERIOD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
PRD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL LOAD MANAGEMENT	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
UGI																
CAPACITY PERFORMANCE	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SUMMER PERIOD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
PRD	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																
CAPACITY PERFORMANCE	1,463	1,470	1,478	1,487	1,492	1,503	1,515	1,527	1,540	1,554	1,571	1,590	1,618	1,643	1,663	1,683
SUMMER PERIOD	626	630	632	633	638	641	645	650	655	662	667	675	685	695	702	709
PRD	305	260	261	262	263	265	266	267	270	273	275	279	282	287	290	293
TOTAL LOAD MANAGEMENT	2,394	2,360	2,371	2,382	2,393	2,409	2,426	2,444	2,465	2,489	2,513	2,544	2,585	2,625	2,655	2,685

Notes:
Summer-Period DR refers to DR resources that aggregate with Winter-Period resources to form a year-round commitment.
Forecast values for Capacity Performance and Summer-Period DR are based on actual committed quantities for Delivery Years 2021/22, 2022/23, 2023/24; forecast values for PRD are based on actual cleared quantities in the 2022/23, 2023/24 and 2024/25 RPM Base Residual Auctions

Table B-7 (Continued)

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

	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	2037	2038	2039
AEP																
CAPACITY PERFORMANCE	993	1,036	1,066	1,088	1,105	1,116	1,124	1,132	1,134	1,138	1,145	1,151	1,160	1,168	1,175	1,182
SUMMER PERIOD	296	309	318	324	329	333	335	337	338	339	341	343	346	348	351	354
PRD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL LOAD MANAGEMENT	1,289	1,345	1,384	1,412	1,434	1,449	1,459	1,469	1,472	1,477	1,486	1,494	1,506	1,516	1,526	1,536
APS																
CAPACITY PERFORMANCE	445	452	472	483	485	487	488	488	489	490	492	494	497	499	501	503
SUMMER PERIOD	136	138	144	147	148	148	148	149	149	149	150	150	151	152	153	154
PRD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL LOAD MANAGEMENT	581	590	616	630	633	635	636	637	638	639	642	644	648	651	654	657
ATSI																
CAPACITY PERFORMANCE	609	608	609	610	610	611	612	612	613	615	617	621	625	629	634	639
SUMMER PERIOD	169	169	169	170	170	170	170	170	170	171	172	173	174	175	176	177
PRD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL LOAD MANAGEMENT	778	777	778	780	780	781	782	782	783	786	789	794	799	804	810	816
COMED																
CAPACITY PERFORMANCE	1,001	1,000	999	999	997	991	991	993	994	998	1,001	1,005	1,014	1,024	1,030	1,036
SUMMER PERIOD	374	373	373	373	372	370	370	370	371	372	374	375	378	382	384	386
PRD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL LOAD MANAGEMENT	1,375	1,373	1,372	1,372	1,369	1,361	1,361	1,363	1,365	1,370	1,375	1,380	1,392	1,406	1,414	1,422
DAYTON																
CAPACITY PERFORMANCE	109	109	109	110	110	110	110	110	110	111	111	112	112	113	114	115
SUMMER PERIOD	58	58	59	59	59	59	59	59	59	59	60	60	60	61	61	61
PRD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL LOAD MANAGEMENT	167	167	168	169	169	169	169	169	169	170	171	172	172	174	175	176

Notes:
Summer-Period DR refers to DR resources that aggregate with Winter-Period resources to form a year-round commitment.
Forecast values for Capacity Performance and Summer-Period DR are based on actual committed quantities for Delivery Years 2021/22, 2022/23, 2023/24; forecast values for PRD are based on actual cleared quantities in the 2022/23, 2023/24 and 2024/25 RPM Base Residual Auctions

Table B-7 (Continued)

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

	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	2037	2038	2039
DEOK																
CAPACITY PERFORMANCE	128	128	129	129	129	129	129	130	130	131	131	132	133	134	135	136
SUMMER PERIOD	41	41	41	41	41	41	41	41	41	42	42	42	42	43	43	43
PRD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL LOAD MANAGEMENT	169	169	170	170	170	170	170	171	171	173	173	174	175	177	178	179
DLCO																
CAPACITY PERFORMANCE	64	64	64	64	64	65	65	66	66	66	67	68	69	70	71	72
SUMMER PERIOD	28	28	28	28	28	28	29	29	29	29	29	30	30	31	31	31
PRD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL LOAD MANAGEMENT	92	92	92	92	92	93	94	95	95	95	96	98	99	101	102	103
EKPC																
CAPACITY PERFORMANCE	120	121	122	123	124	124	125	126	126	127	128	129	130	131	132	133
SUMMER PERIOD	81	82	83	84	84	85	85	86	86	86	87	88	89	89	90	91
PRD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL LOAD MANAGEMENT	201	203	205	207	208	209	210	212	212	213	215	217	219	220	222	224
PJM WESTERN																
CAPACITY PERFORMANCE	3,469	3,518	3,570	3,606	3,624	3,633	3,644	3,657	3,662	3,676	3,692	3,712	3,740	3,768	3,792	3,816
SUMMER PERIOD	1,183	1,198	1,215	1,226	1,231	1,234	1,237	1,241	1,243	1,247	1,255	1,261	1,270	1,281	1,289	1,297
PRD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL LOAD MANAGEMENT	4,652	4,716	4,785	4,832	4,855	4,867	4,881	4,898	4,905	4,923	4,947	4,973	5,010	5,049	5,081	5,113

Notes:
Summer-Period DR refers to DR resources that aggregate with Winter-Period resources to form a year-round commitment.
Forecast values for Capacity Performance and Summer-Period DR are based on actual committed quantities for Delivery Years 2021/22, 2022/23, 2023/24; forecast values for PRD are based on actual cleared quantities in the 2022/23, 2023/24 and 2024/25 RPM Base Residual Auctions

Table B-7 (Continued)

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

	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	2037	2038	2039
DOM																
CAPACITY PERFORMANCE	604	628	679	729	790	842	887	925	962	999	1,034	1,068	1,100	1,133	1,167	1,202
SUMMER PERIOD	106	110	119	127	138	147	155	162	168	174	181	187	192	198	204	210
PRD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL LOAD MANAGEMENT	710	738	798	856	928	989	1,042	1,087	1,130	1,173	1,215	1,255	1,292	1,331	1,371	1,412
PJM RTO																
CAPACITY PERFORMANCE	5,536	5,616	5,727	5,822	5,906	5,978	6,046	6,109	6,164	6,229	6,297	6,370	6,458	6,544	6,622	6,701
SUMMER PERIOD	1,915	1,938	1,966	1,986	2,007	2,022	2,037	2,053	2,066	2,083	2,103	2,123	2,147	2,174	2,195	2,216
PRD	305	260	261	262	263	265	266	267	270	273	275	279	282	287	290	293
TOTAL LOAD MANAGEMENT	7,756	7,814	7,954	8,070	8,176	8,265	8,349	8,429	8,500	8,585	8,675	8,772	8,887	9,005	9,107	9,210

Notes:
Summer-Period DR refers to DR resources that aggregate with Winter-Period resources to form a year-round commitment.
Forecast values for Capacity Performance and Summer-Period DR are based on actual committed quantities for Delivery Years 2021/22, 2022/23, 2023/24; forecast values for PRD are based on actual cleared quantities in the 2022/23, 2023/24 and 2024/25 RPM Base Residual Auctions

Table B-8a

DISTRIBUTED SOLAR ADJUSTMENTS TO SUMMER PEAK LOAD (MW) FOR EACH PJM ZONE AND RTO
2024 - 2039

	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	2037	2038	2039
AE	130	122	115	115	118	116	112	115	117	117	121	124	122	123	126	128
BGE	211	219	239	249	259	275	286	306	300	297	299	307	319	330	335	345
DPL	120	135	137	133	135	143	142	144	145	141	141	146	149	153	156	159
JCPL	282	287	305	327	344	344	351	356	375	386	395	402	418	422	440	458
METED	51	53	54	55	57	58	57	59	62	63	66	69	72	76	82	92
PECO	68	77	86	96	107	119	129	141	155	168	182	195	206	216	225	239
PENLC	23	28	33	39	44	48	53	56	62	64	68	70	74	76	82	86
PEPCO	226	248	260	281	302	308	325	329	349	354	362	374	380	390	403	421
PL	127	133	138	146	151	157	162	173	184	195	203	207	216	224	232	239
PS	426	429	442	451	477	512	542	574	595	613	616	625	652	657	668	695
RECO	14	15	18	20	22	24	26	28	29	29	29	30	31	31	31	32
UGI	1	1	1	1	2	2	2	2	2	3	3	3	3	3	4	4
AEP	151	174	188	209	227	248	265	279	289	306	324	340	352	371	395	424
APS	94	104	113	122	130	141	152	163	173	184	197	203	213	219	223	229
ATSI	100	114	122	132	141	148	156	162	171	180	193	199	206	217	228	240
COMED	390	459	521	552	602	645	696	758	829	871	886	904	945	994	1,034	1,065
DAYTON	28	31	33	35	38	40	42	44	46	47	50	51	53	55	57	59
DEOK	21	26	29	32	35	39	43	47	51	54	58	63	67	72	77	81
DLCO	23	25	28	31	34	37	40	43	47	51	55	59	62	68	72	76
EKPC	5	5	6	7	8	9	11	12	14	15	17	18	20	22	23	24
OVEC	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DOM	581	576	596	630	666	702	741	778	805	837	877	913	960	1,000	1,088	1,172
PJM RTO	3,136	3,446	3,773	4,109	4,409	4,470	4,657	4,858	4,965	5,005	5,103	5,279	5,441	5,641	5,921	6,387

Notes:
Adjustment values presented here are average summer peak distribution forecast values.

Values are derived by PJM from a forecast obtained from SPGCI.

Table B-8b

DISTRIBUTED BATTERY STORAGE ADJUSTMENT TO SUMMER PEAK LOAD (MW) FOR EACH PJM ZONE AND RTO
2024 - 2039

	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	2037	2038	2039
AE	1	2	3	5	7	9	11	13	14	15	17	18	19	21	22	25
BGE	2	4	7	10	13	17	23	35	50	65	80	95	107	120	132	143
DPL	1	1	2	3	4	6	7	11	14	18	21	24	27	30	33	36
JCPL	2	4	8	12	16	21	26	30	34	37	40	43	46	50	55	61
METED	0	1	1	1	2	2	3	4	4	5	6	6	7	7	7	8
PECO	1	2	2	3	4	6	7	9	11	12	14	16	16	17	18	19
PENLC	0	1	1	1	2	2	3	4	5	5	6	7	7	7	8	8
PEPCO	2	4	7	9	12	16	21	30	41	52	63	74	84	94	103	113
PL	1	2	3	3	5	6	7	9	11	13	15	16	17	18	19	19
PS	3	7	14	22	30	39	47	54	62	67	71	76	82	89	97	107
RECO	0	0	0	1	1	1	2	2	2	3	3	3	3	3	4	4
UGI	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
AEP	2	5	7	10	13	17	21	25	30	34	39	43	47	51	55	59
APS	1	2	4	5	7	10	13	18	24	30	37	43	48	54	59	63
ATSI	1	3	5	6	8	10	12	14	16	18	20	22	23	25	26	28
COMED	4	10	17	24	32	40	49	60	72	81	87	95	102	110	117	124
DAYTON	0	1	1	2	2	3	3	4	4	5	5	6	6	7	7	8
DEOK	1	1	2	2	3	4	5	5	6	7	8	8	9	10	11	11
DLCO	0	1	1	1	1	2	2	3	4	4	5	5	5	6	6	6
EKPC	0	0	0	0	0	0	1	1	1	1	2	2	3	3	4	4
OVEC	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DOM	3	8	13	18	25	35	47	61	78	92	105	115	123	131	137	143
PJM RTO	25	57	98	141	189	247	310	392	484	567	644	717	784	853	920	989

Notes:
Adjustment values presented here are reflected in all summer peak forecast values.

Values are derived by PJM from a forecast obtained from SPGCI.

Table B-8c

PLUG IN ELECTRIC VEHICLE ADJUSTMENT TO SUMMER PEAK LOAD (MW) FOR EACH PJM ZONE AND RTO
2024 - 2039

	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	2037	2038	2039
AE	12	30	54	80	107	137	168	204	243	284	329	375	419	466	509	561
BGE	36	79	136	198	264	342	428	530	644	759	883	1,014	1,141	1,283	1,406	1,555
DPL	12	30	53	79	105	133	164	200	239	279	323	371	418	466	509	561
JCPL	53	113	194	283	377	483	588	713	847	986	1,136	1,297	1,452	1,610	1,760	1,942
METED	15	36	66	98	133	173	215	268	328	394	468	553	641	739	840	958
PECO	24	50	84	120	158	201	246	303	367	433	505	587	668	755	837	936
PENLC	5	13	26	39	54	70	88	111	137	165	195	228	261	297	332	373
PEPCO	33	62	101	141	183	233	287	349	417	488	564	644	724	811	893	988
PL	10	22	40	58	78	101	124	153	186	221	259	301	342	387	432	484
PS	60	128	222	325	433	549	673	821	975	1,138	1,315	1,504	1,684	1,870	2,047	2,252
RECO	2	4	7	9	12	15	19	23	27	31	36	41	46	51	56	62
UGI	1	1	2	3	4	5	6	8	10	12	14	16	18	20	23	25
AEP	25	60	108	158	213	277	346	433	529	635	753	883	1,013	1,158	1,302	1,477
APS	9	22	40	60	81	104	129	161	196	234	274	317	358	403	446	496
ATSI	21	49	85	125	167	214	262	324	394	472	556	650	744	848	954	1,077
COMED	76	160	269	386	506	635	768	928	1,102	1,293	1,488	1,696	1,905	2,123	2,338	2,593
DAYTON	4	9	16	23	31	40	49	61	74	89	105	124	143	164	185	210
DEOK	11	21	36	51	66	84	103	126	152	180	211	246	280	319	357	402
DLCO	10	21	36	53	70	89	109	135	163	194	229	266	302	343	386	433
EKPC	2	6	11	16	21	28	34	43	53	63	75	88	101	115	130	146
OVEC	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DOM	67	150	259	374	498	636	779	959	1,159	1,378	1,605	1,852	2,095	2,360	2,625	2,954
PJM RTO	501	1,085	1,873	2,707	3,587	4,605	5,647	6,927	8,342	9,847	11,442	13,159	14,809	16,586	18,269	20,322

Notes:
Adjustment values presented here are average summer peak distribution forecast values.

Values are derived by PJM from a forecast obtained from SPGCI.

Table B-9

ADJUSTMENTS ABOVE EMBEDDED TO SUMMER PEAK LOAD (MW) FOR EACH PJM ZONE AND RTO
2024 - 2039

	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	2037	2038	2039
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	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
PEPCO	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
PL	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
PS	16	49	83	142	197	252	295	298	312	329	347	364	383	401	420	439
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	767	1,738	2,419	2,871	3,218	3,432	3,544	3,638	3,626	3,627	3,634	3,621	3,641	3,647	3,638	3,624
APS	73	213	566	803	803	803	803	803	803	803	803	803	803	803	803	803
ATSI	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
COMED	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DAYTON	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
DEOK	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6
DLCO	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
EKPC	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5
OVEC	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DOM	1,801	2,666	4,482	6,241	8,417	10,263	11,831	13,118	14,319	15,491	16,605	17,610	18,521	19,514	20,533	21,563
PJM RTO	2,664	4,673	7,557	10,064	12,643	14,757	16,480	17,864	19,067	20,258	21,397	22,406	23,355	24,372	25,403	26,436

Notes:
Adjustment values presented here are reflected in summer peak forecasts.
Adjustments due to NRBTMG (Non-Retail Behind the Meter Generation) transitioning to DR are in AEP, ATSI, DAYTON, DEOK, PL, and PENLC.
Adjustments due to data center load growth are in AEP, APS, DOM, and PS.
Adjustments due to planned chip processing plant in AEP.
Adjustments due to Port Electrification are in PS.
An adjustment due to peak shaving program is in EKPC.

Table B-10

SUMMER COINCIDENT PEAK LOAD (MW) FOR
EACH PJM ZONE, LOCATIONAL DELIVERABILITY AREA AND RTO
2024 - 2039

	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	2037	2038	2039
AE	2,350	2,355	2,357	2,354	2,356	2,368	2,374	2,394	2,425	2,457	2,497	2,541	2,580	2,627	2,655	2,688
BGE	6,238	6,259	6,285	6,303	6,328	6,370	6,406	6,460	6,517	6,576	6,664	6,770	6,883	6,992	7,080	7,210
DPL	3,706	3,673	3,654	3,642	3,641	3,647	3,645	3,660	3,690	3,723	3,762	3,813	3,863	3,913	3,942	3,984
JCPL	5,693	5,719	5,742	5,760	5,808	5,854	5,912	6,009	6,119	6,250	6,398	6,558	6,722	6,891	7,023	7,202
METED	2,917	2,958	3,019	3,082	3,145	3,207	3,268	3,340	3,414	3,498	3,595	3,706	3,824	3,949	4,066	4,204
PECO	8,103	8,119	8,146	8,177	8,206	8,212	8,240	8,272	8,307	8,342	8,414	8,506	8,595	8,694	8,774	8,881
PENLC	2,742	2,745	2,755	2,766	2,775	2,783	2,793	2,811	2,825	2,844	2,868	2,897	2,930	2,964	2,994	3,029
PEPCO	5,787	5,818	5,851	5,875	5,909	5,943	5,973	6,011	6,043	6,079	6,141	6,218	6,306	6,387	6,458	6,558
PL	6,835	6,854	6,887	6,912	6,938	6,946	6,964	6,996	7,017	7,046	7,086	7,137	7,202	7,278	7,326	7,390
PS	9,521	9,584	9,638	9,699	9,802	9,909	10,019	10,129	10,265	10,433	10,625	10,828	11,048	11,277	11,443	11,668
RECO	388	388	387	385	385	383	383	385	386	390	394	398	403	409	413	420
UGI	186	186	187	187	188	187	188	188	189	190	191	193	195	197	198	201
AEP	22,306	23,296	24,038	24,595	25,015	25,275	25,425	25,574	25,660	25,752	25,863	26,049	26,260	26,391	26,589	26,782
APS	8,680	8,836	9,209	9,482	9,519	9,548	9,565	9,575	9,585	9,605	9,632	9,677	9,732	9,764	9,806	9,853
ATSI	11,980	11,978	11,998	12,043	12,066	12,082	12,071	12,086	12,119	12,161	12,193	12,253	12,336	12,394	12,485	12,564
COMED	18,835	18,839	18,807	18,851	18,781	18,822	18,806	18,805	18,792	18,861	18,930	19,094	19,244	19,347	19,488	19,624
DAYTON	3,133	3,135	3,148	3,165	3,165	3,173	3,173	3,174	3,183	3,190	3,199	3,220	3,245	3,262	3,292	3,314
DEOK	5,074	5,076	5,094	5,119	5,132	5,144	5,143	5,148	5,167	5,187	5,211	5,246	5,287	5,316	5,363	5,404
DLCO	2,619	2,622	2,634	2,650	2,668	2,685	2,698	2,713	2,733	2,755	2,778	2,809	2,841	2,872	2,910	2,951
EKPC	1,958	1,973	1,993	2,021	2,042	2,059	2,070	2,081	2,095	2,112	2,129	2,152	2,174	2,190	2,210	2,226
OVEC	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60
DOM	22,134	23,021	24,915	26,731	29,044	31,023	32,700	34,139	35,520	36,856	38,194	39,498	40,756	41,953	43,175	44,538
PJM RTO	151,245	153,494	156,804	159,859	162,973	165,680	167,876	170,010	172,111	174,367	176,824	179,623	182,486	185,127	187,750	190,751
PJM MID-ATLANTIC	54,466	54,658	54,908	55,142	55,481	55,809	56,165	56,655	57,197	57,828	58,635	59,565	60,551	61,578	62,372	63,435
EASTERN MID-ATLANTIC	29,761	29,838	29,924	30,017	30,198	30,373	30,573	30,849	31,192	31,595	32,090	32,644	33,211	33,811	34,250	34,843
SOUTHERN MID-ATLANTIC	12,025	12,077	12,136	12,178	12,237	12,313	12,379	12,471	12,560	12,655	12,805	12,988	13,189	13,379	13,538	13,768

Notes:
All forecast values represent unrestricted peaks, after reductions for distributed solar generation, reductions for distributed battery storage, additions for plug-in electric vehicles, and prior to reductions for load management.
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.
Summer season indicates peak from June, July, August.

Table B-11

PJM CONTROL AREA - JANUARY 2024
SUMMER TOTAL INTERNAL DEMAND FORECAST (MW) FOR EACH NERC REGION
2024 - 2039

	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	Annual Growth Rate (10 yr)
PJM - RELIABILITY FIRST												
TOTAL INTERNAL DEMAND	127,155	128,499	129,895	131,107	131,886	132,599	133,103	133,788	134,494	135,398	136,499	0.7%
% GROWTH TOTAL		1.1%	1.1%	0.9%	0.6%	0.5%	0.4%	0.5%	0.5%	0.7%	0.8%	
CONTRACTUALLY INTERRUPTIBLE	6,845	6,873	6,951	7,007	7,040	7,067	7,097	7,130	7,158	7,199	7,245	
DIRECT CONTROL	0	0	0	0	0	0	0	0	0	0	0	
TOTAL LOAD MANAGEMENT	6,845	6,873	6,951	7,007	7,040	7,067	7,097	7,130	7,158	7,199	7,245	
NET INTERNAL DEMAND	120,310	121,626	122,944	124,100	124,846	125,532	126,006	126,658	127,336	128,199	129,254	0.7%
% GROWTH NET		1.1%	1.1%	0.9%	0.6%	0.5%	0.4%	0.5%	0.5%	0.7%	0.8%	
PJM - SERC												
TOTAL INTERNAL DEMAND	24,092	24,994	26,908	28,752	31,086	33,082	34,770	36,220	37,615	38,968	40,323	5.3%
% GROWTH TOTAL		3.7%	7.7%	6.9%	8.1%	6.4%	5.1%	4.2%	3.9%	3.6%	3.5%	
CONTRACTUALLY INTERRUPTIBLE	911	941	1,003	1,063	1,136	1,198	1,252	1,299	1,342	1,386	1,430	
DIRECT CONTROL	0	0	0	0	0	0	0	0	0	0	0	
TOTAL LOAD MANAGEMENT	911	941	1,003	1,063	1,136	1,198	1,252	1,299	1,342	1,386	1,430	
NET INTERNAL DEMAND	23,181	24,053	25,905	27,689	29,950	31,884	33,518	34,921	36,273	37,582	38,893	5.3%
% GROWTH NET		3.8%	7.7%	6.9%	8.2%	6.5%	5.1%	4.2%	3.9%	3.6%	3.5%	
PJM RTO												
TOTAL INTERNAL DEMAND	151,247	153,493	156,803	159,859	162,972	165,681	167,873	170,008	172,109	174,366	176,822	1.6%
% GROWTH TOTAL		1.5%	2.2%	1.9%	1.9%	1.7%	1.3%	1.3%	1.2%	1.3%	1.4%	
CONTRACTUALLY INTERRUPTIBLE	7,756	7,814	7,954	8,070	8,176	8,265	8,349	8,429	8,500	8,585	8,675	
DIRECT CONTROL	0	0	0	0	0	0	0	0	0	0	0	
TOTAL LOAD MANAGEMENT	7,756	7,814	7,954	8,070	8,176	8,265	8,349	8,429	8,500	8,585	8,675	
NET INTERNAL DEMAND	143,491	145,679	148,849	151,789	154,796	157,416	159,524	161,579	163,609	165,781	168,147	1.6%
% GROWTH NET		1.5%	2.2%	2.0%	2.0%	1.7%	1.3%	1.3%	1.3%	1.3%	1.4%	

Notes:
SERC includes EKPC and DOM zones and Reliability First includes all other zones.
Total Internal Demand = 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.
Contractually Interruptible = Firm Service Level + Guaranteed Load Drop
The above forecasts incorporate all load in the PJM Control Area, including members and non-members
All average growth rates are calculated from the first year of the forecast (2024).

Table B-11 (Continued)

PJM CONTROL AREA - JANUARY 2024
SUMMER TOTAL INTERNAL DEMAND FORECAST (MW) FOR EACH NERC REGION
2024 - 2039

	2035	2036	2037	2038	2039	Annual Growth Rate (15 yr)
PJM - RELIABILITY FIRST						
TOTAL INTERNAL DEMAND	137,972	139,557	140,984	142,367	143,988	0.8%
% GROWTH TOTAL	1.1%	1.1%	1.0%	1.0%	1.1%	
CONTRACTUALLY INTERRUPTIBLE	7,300	7,376	7,454	7,514	7,574	
DIRECT CONTROL	0	0	0	0	0	
TOTAL LOAD MANAGEMENT	7,300	7,376	7,454	7,514	7,574	
NET INTERNAL DEMAND	130,672	132,181	133,530	134,853	136,414	0.8%
% GROWTH NET	1.1%	1.2%	1.0%	1.0%	1.2%	
PJM - SERC						
TOTAL INTERNAL DEMAND	41,650	42,930	44,143	45,385	46,764	4.5%
% GROWTH TOTAL	3.3%	3.1%	2.8%	2.8%	3.0%	
CONTRACTUALLY INTERRUPTIBLE	1,472	1,511	1,551	1,593	1,636	
DIRECT CONTROL	0	0	0	0	0	
TOTAL LOAD MANAGEMENT	1,472	1,511	1,551	1,593	1,636	
NET INTERNAL DEMAND	40,178	41,419	42,592	43,792	45,128	4.5%
% GROWTH NET	3.3%	3.1%	2.8%	2.8%	3.1%	
PJM RTO						
TOTAL INTERNAL DEMAND	179,622	182,487	185,127	187,752	190,752	1.6%
% GROWTH TOTAL	1.6%	1.6%	1.4%	1.4%	1.6%	
CONTRACTUALLY INTERRUPTIBLE	8,772	8,887	9,005	9,107	9,210	
DIRECT CONTROL	0	0	0	0	0	
TOTAL LOAD MANAGEMENT	8,772	8,887	9,005	9,107	9,210	
NET INTERNAL DEMAND	170,850	173,600	176,122	178,645	181,542	1.6%
% GROWTH NET	1.6%	1.6%	1.5%	1.4%	1.6%	

Notes:
SERC includes EKPC and DOM zones and Reliability First includes all other zones.
Total Internal Demand = 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.
Contractually Interruptible = Firm Service Level + Guaranteed Load Drop
The above forecasts incorporate all load in the PJM Control Area, including members and non-members
All average growth rates are calculated from the first year of the forecast (2024).

Table B-12

PJM CONTROL AREA - JANUARY 2024
WINTER TOTAL INTERNAL DEMAND FORECAST (MW) FOR EACH NERC REGION
2023/24 - 2033/34

	23/24	24/25	25/26	26/27	27/28	28/29	29/30	30/31	31/32	32/33	33/34	Annual Growth Rate (10 yr)
PJM - RELIABILITY FIRST												
TOTAL INTERNAL DEMAND	128,820	129,272	132,104	135,649	139,777	142,586	145,617	148,288	151,266	153,407	155,711	1.9%
% GROWTH TOTAL		0.4%	2.2%	2.7%	3.0%	2.0%	2.1%	1.8%	2.0%	1.4%	1.5%	
CONTRACTUALLY INTERRUPTIBLE	4,812	4,867	4,926	4,970	4,992	5,012	5,034	5,058	5,076	5,103	5,135	
DIRECT CONTROL	0	0	0	0	0	0	0	0	0	0	0	
TOTAL LOAD MANAGEMENT	4,812	4,867	4,926	4,970	4,992	5,012	5,034	5,058	5,076	5,103	5,135	
NET INTERNAL DEMAND	124,008	124,405	127,178	130,679	134,785	137,574	140,583	143,230	146,190	148,304	150,576	2.0%
% GROWTH NET		0.3%	2.2%	2.8%	3.1%	2.1%	2.2%	1.9%	2.1%	1.4%	1.5%	
PJM - SERC												
TOTAL INTERNAL DEMAND	5,839	7,056	7,120	7,175	7,221	7,250	7,253	7,261	7,314	7,325	7,358	2.3%
% GROWTH TOTAL		20.8%	0.9%	0.8%	0.6%	0.4%	0.0%	0.1%	0.7%	0.2%	0.5%	
CONTRACTUALLY INTERRUPTIBLE	724	749	801	852	914	966	1,012	1,051	1,088	1,126	1,162	
DIRECT CONTROL	0	0	0	0	0	0	0	0	0	0	0	
TOTAL LOAD MANAGEMENT	724	749	801	852	914	966	1,012	1,051	1,088	1,126	1,162	
NET INTERNAL DEMAND	5,115	6,307	6,319	6,323	6,307	6,284	6,241	6,210	6,226	6,199	6,196	1.9%
% GROWTH NET		23.3%	0.2%	0.1%	-0.3%	-0.4%	-0.7%	-0.5%	0.3%	-0.4%	-0.0%	
PJM RTO												
TOTAL INTERNAL DEMAND	134,659	136,328	139,224	142,824	146,998	149,836	152,870	155,549	158,580	160,732	163,069	1.9%
% GROWTH TOTAL		1.2%	2.1%	2.6%	2.9%	1.9%	2.0%	1.8%	1.9%	1.4%	1.5%	
CONTRACTUALLY INTERRUPTIBLE	5,536	5,616	5,727	5,822	5,906	5,978	6,046	6,109	6,164	6,229	6,297	
DIRECT CONTROL	0	0	0	0	0	0	0	0	0	0	0	
TOTAL LOAD MANAGEMENT	5,536	5,616	5,727	5,822	5,906	5,978	6,046	6,109	6,164	6,229	6,297	
NET INTERNAL DEMAND	129,123	130,712	133,497	137,002	141,092	143,858	146,824	149,440	152,416	154,503	156,772	2.0%
% GROWTH NET		1.2%	2.1%	2.6%	3.0%	2.0%	2.1%	1.8%	2.0%	1.4%	1.5%	

Notes:
SERC includes EKPC and DOM zones and Reliability First includes all other zones.
Total Internal Demand = 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.
Contractually Interruptible = Firm Service Level + Guaranteed Load Drop
The above forecasts incorporate all load in the PJM Control Area, including members and non-members
All average growth rates are calculated from the first year of the forecast (2024).

Table B-12 (Continued)

PJM CONTROL AREA - JANUARY 2024
WINTER TOTAL INTERNAL DEMAND FORECAST (MW) FOR EACH NERC REGION
2023/24 - 2033/34

	34/35	35/36	36/37	37/38	38/39	Annual Growth Rate (15 yr)
PJM - RELIABILITY FIRST						
TOTAL INTERNAL DEMAND	158,331	161,113	163,510	166,015	168,681	1.8%
% GROWTH TOTAL	1.7%	1.8%	1.5%	1.5%	1.6%	
CONTRACTUALLY INTERRUPTIBLE	5,173	5,228	5,280	5,323	5,366	
DIRECT CONTROL	0	0	0	0	0	
TOTAL LOAD MANAGEMENT	5,173	5,228	5,280	5,323	5,366	
NET INTERNAL DEMAND	153,158	155,885	158,230	160,692	163,315	1.9%
% GROWTH NET	1.7%	1.8%	1.5%	1.6%	1.6%	
PJM - SERC						
TOTAL INTERNAL DEMAND	7,374	7,398	7,446	7,487	7,514	1.7%
% GROWTH TOTAL	0.2%	0.3%	0.6%	0.6%	0.4%	
CONTRACTUALLY INTERRUPTIBLE	1,197	1,230	1,264	1,299	1,335	
DIRECT CONTROL	0	0	0	0	0	
TOTAL LOAD MANAGEMENT	1,197	1,230	1,264	1,299	1,335	
NET INTERNAL DEMAND	6,177	6,168	6,182	6,188	6,179	1.3%
% GROWTH NET	-0.3%	-0.1%	0.2%	0.1%	-0.1%	
PJM RTO						
TOTAL INTERNAL DEMAND	165,705	168,511	170,956	173,502	176,195	1.8%
% GROWTH TOTAL	1.6%	1.7%	1.5%	1.5%	1.6%	
CONTRACTUALLY INTERRUPTIBLE	6,370	6,458	6,544	6,622	6,701	
DIRECT CONTROL	0	0	0	0	0	
TOTAL LOAD MANAGEMENT	6,370	6,458	6,544	6,622	6,701	
NET INTERNAL DEMAND	159,335	162,053	164,412	166,880	169,494	1.8%
% GROWTH NET	1.6%	1.7%	1.5%	1.5%	1.6%	

Notes:
SERC includes EKPC and DOM zones and Reliability First includes all other zones.
Total Internal Demand = 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.
Contractually Interruptible = Firm Service Level + Guaranteed Load Drop
The above forecasts incorporate all load in the PJM Control Area, including members and non-members
All average growth rates are calculated from the first year of the forecast (2024).

Table C-1

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

BASE (50/50) FORECAST

YEAR	SPRING	SUMMER	FALL	WINTER
2024	18,425	22,639	19,025	21,298
2025	18,355	22,754	19,216	21,339
2026	18,540	22,900	19,429	21,487
2027	18,745	23,035	19,541	21,620
2028	18,908	23,159	19,572	21,830
2029	19,073	23,328	19,777	21,960
2030	19,200	23,475	20,004	22,089
2031	19,266	23,659	20,347	22,302
2032	19,537	23,858	20,614	22,573
2033	19,752	24,115	20,815	22,827
2034	20,074	24,389	21,030	22,971
2035	20,437	24,687	21,344	23,245
2036	20,610	25,043	21,916	23,567
2037	20,870	25,442	22,374	23,840
2038	21,245	25,835	22,711	24,158
2039	21,778	26,270	23,108	24,503

EXTREME WEATHER (90/10) FORECAST

YEAR	SPRING	SUMMER	FALL	WINTER
2024	20,151	24,122	20,957	22,784
2025	20,120	24,394	21,085	22,762
2026	20,333	24,515	21,233	22,868
2027	20,525	24,473	21,380	22,985
2028	20,630	24,611	21,591	23,174
2029	20,764	24,920	21,624	23,169
2030	20,849	24,955	21,809	23,281
2031	20,894	25,163	22,083	23,389
2032	21,157	25,319	22,367	23,692
2033	21,297	25,577	22,747	23,808
2034	21,559	25,884	22,979	24,052
2035	21,859	26,204	23,225	24,335
2036	22,118	26,596	23,762	24,680
2037	22,394	26,935	24,180	24,905
2038	22,728	27,329	24,616	25,212
2039	23,172	27,767	25,080	25,518

Notes:
All forecast values represent unrestricted peaks, after reductions for distributed solar generation, reductions for distributed battery storage, additions for plug-in electric vehicles, and prior to reductions for load management.
Spring season indicates peak from March, April, May.
Summer season indicates peak from June, July, August.
Fall season indicates peak from September, October, November.
Winter season indicates peak from December, January, February.

Table C-2

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

BASE (50/50) FORECAST

YEAR	SPRING	SUMMER	FALL	WINTER
2024	11,400	13,072	11,278	13,055
2025	11,381	13,165	11,374	13,029
2026	11,487	13,278	11,515	13,092
2027	11,585	13,372	11,616	13,154
2028	11,654	13,410	11,636	13,280
2029	11,715	13,525	11,700	13,311
2030	11,768	13,585	11,843	13,391
2031	11,795	13,752	12,004	13,468
2032	11,949	13,872	12,142	13,591
2033	12,089	13,993	12,254	13,686
2034	12,221	14,107	12,382	13,797
2035	12,366	14,305	12,524	13,928
2036	12,451	14,526	12,793	14,113
2037	12,652	14,790	13,049	14,265
2038	12,875	14,982	13,243	14,445
2039	13,096	15,233	13,449	14,628

EXTREME WEATHER (90/10) FORECAST

YEAR	SPRING	SUMMER	FALL	WINTER
2024	12,320	13,778	12,435	13,688
2025	12,357	13,838	12,509	13,686
2026	12,466	13,927	12,598	13,741
2027	12,536	14,012	12,683	13,810
2028	12,539	14,112	12,789	13,903
2029	12,587	14,203	12,878	13,968
2030	12,629	14,273	12,993	14,038
2031	12,679	14,444	13,119	14,111
2032	12,800	14,526	13,239	14,231
2033	12,915	14,655	13,384	14,307
2034	13,029	14,835	13,543	14,429
2035	13,175	15,012	13,706	14,565
2036	13,357	15,239	13,959	14,781
2037	13,538	15,454	14,172	14,882
2038	13,711	15,674	14,367	15,049
2039	13,889	15,920	14,601	15,223

Notes:
All forecast values represent unrestricted peaks, after reductions for distributed solar generation, reductions for distributed battery storage, additions for plug-in electric vehicles, and prior to reductions for load management.
Spring season indicates peak from March, April, May.
Summer season indicates peak from June, July, August.
Fall season indicates peak from September, October, November.
Winter season indicates peak from December, January, February.

Table C-3

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

BASE (50/50) FORECAST

YEAR	SPRING	SUMMER	FALL	WINTER
2024	22,569	31,179	25,288	22,582
2025	22,504	31,260	25,531	23,023
2026	22,525	31,341	25,741	23,681
2027	22,740	31,413	25,878	24,382
2028	23,295	31,525	25,971	25,186
2029	23,715	31,777	26,253	25,815
2030	24,038	31,942	26,632	26,484
2031	24,317	32,231	27,030	27,201
2032	24,833	32,571	27,329	27,950
2033	25,386	32,968	27,719	28,578
2034	25,846	33,407	28,114	29,219
2035	26,317	33,944	28,631	29,926
2036	26,698	34,470	29,344	30,621
2037	27,165	35,105	29,947	31,305
2038	27,683	35,585	30,392	31,996
2039	28,416	36,148	30,981	32,738

EXTREME WEATHER (90/10) FORECAST

YEAR	SPRING	SUMMER	FALL	WINTER
2024	25,843	33,610	28,228	23,658
2025	25,715	33,752	28,410	24,151
2026	25,629	33,853	28,548	24,817
2027	25,670	33,852	28,790	25,594
2028	26,154	34,011	29,032	26,433
2029	26,605	34,095	29,282	27,150
2030	26,651	34,562	29,621	27,851
2031	26,590	34,888	30,045	28,579
2032	26,752	35,041	30,299	29,429
2033	27,427	35,447	30,782	30,068
2034	28,032	35,909	31,312	30,700
2035	28,506	36,395	31,782	31,470
2036	28,800	37,042	32,378	32,308
2037	29,299	37,560	32,875	32,876
2038	29,965	38,073	33,371	33,644
2039	30,802	38,676	34,033	34,467

Notes:
All forecast values represent unrestricted peaks, after reductions for distributed solar generation, reductions for distributed battery storage, additions for plug-in electric vehicles, and prior to reductions for load management.
Spring season indicates peak from March, April, May.
Summer season indicates peak from June, July, August.
Fall season indicates peak from September, October, November.
Winter season indicates peak from December, January, February.

Table C-4

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

BASE (50/50) FORECAST

YEAR	SPRING	SUMMER	FALL	WINTER
2024	9,870	12,465	10,488	11,186
2025	9,894	12,501	10,592	11,201
2026	9,941	12,555	10,668	11,252
2027	9,995	12,632	10,709	11,333
2028	10,082	12,686	10,681	11,417
2029	10,181	12,750	10,749	11,471
2030	10,266	12,831	10,884	11,562
2031	10,314	12,925	11,134	11,666
2032	10,388	13,015	11,198	11,819
2033	10,558	13,137	11,337	11,938
2034	10,707	13,254	11,489	12,043
2035	10,866	13,408	11,648	12,220
2036	10,993	13,603	11,957	12,392
2037	11,152	13,819	12,179	12,545
2038	11,358	14,004	12,394	12,706
2039	11,594	14,241	12,597	12,872

EXTREME WEATHER (90/10) FORECAST

YEAR	SPRING	SUMMER	FALL	WINTER
2024	10,978	13,518	11,549	12,046
2025	10,961	13,585	11,613	12,050
2026	10,989	13,587	11,678	12,094
2027	11,035	13,629	11,735	12,207
2028	11,138	13,664	11,822	12,276
2029	11,212	13,730	11,914	12,295
2030	11,250	13,806	12,004	12,316
2031	11,278	13,889	12,140	12,371
2032	11,335	13,958	12,267	12,523
2033	11,528	14,079	12,427	12,620
2034	11,673	14,223	12,603	12,745
2035	11,815	14,393	12,780	12,882
2036	11,914	14,609	13,028	13,064
2037	12,035	14,823	13,253	13,123
2038	12,242	14,998	13,478	13,289
2039	12,547	15,198	13,756	13,440

Notes:
All forecast values represent unrestricted peaks, after reductions for distributed solar generation, reductions for distributed battery storage, additions for plug-in electric vehicles, and prior to reductions for load management.
Spring season indicates peak from March, April, May.
Summer season indicates peak from June, July, August.
Fall season indicates peak from September, October, November.
Winter season indicates peak from December, January, February.

Table D-1

SUMMER EXTREME WEATHER (90/10) PEAK LOAD FOR EACH PJM MID-ATLANTIC ZONE AND GEOGRAPHIC REGION 2024 - 2039

	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	2037	2038	2039
AE	2,742	2,742	2,744	2,746	2,761	2,775	2,785	2,795	2,815	2,836	2,879	2,924	2,943	2,993	3,035	3,065
BGE	7,103	7,118	7,131	7,144	7,158	7,179	7,219	7,275	7,326	7,373	7,457	7,568	7,686	7,804	7,918	8,050
DPL	4,159	4,129	4,120	4,128	4,137	4,152	4,166	4,195	4,230	4,263	4,304	4,352	4,405	4,457	4,504	4,557
JCPL	6,681	6,706	6,709	6,704	6,728	6,754	6,823	6,905	7,006	7,112	7,245	7,404	7,573	7,733	7,871	8,050
METED	3,185	3,229	3,287	3,351	3,411	3,479	3,547	3,624	3,694	3,784	3,880	3,988	4,110	4,238	4,365	4,510
PECO	9,180	9,225	9,257	9,263	9,309	9,339	9,376	9,450	9,464	9,525	9,598	9,692	9,795	9,895	9,983	10,103
PENLC	2,998	2,998	3,005	3,012	3,016	3,023	3,039	3,064	3,068	3,084	3,106	3,135	3,186	3,208	3,241	3,276
PEPCO	6,524	6,563	6,581	6,605	6,625	6,638	6,675	6,720	6,739	6,791	6,838	6,908	7,004	7,117	7,222	7,342
PL	7,505	7,527	7,548	7,568	7,591	7,609	7,604	7,654	7,654	7,693	7,720	7,775	7,834	7,887	7,952	8,025
PS	10,879	11,043	11,077	11,128	11,223	11,371	11,507	11,663	11,746	11,927	12,133	12,342	12,556	12,828	12,941	13,204
RECO	466	468	466	464	461	459	459	461	463	466	470	474	483	485	492	498
UGI	212	212	212	212	212	212	212	213	214	215	216	217	219	221	223	225
DIVERSITY - MID-ATLANTIC(-)	1,199	1,263	1,164	1,084	1,053	1,040	1,060	1,176	1,199	1,254	1,327	1,426	1,150	1,214	1,295	1,492
PJM MID-ATLANTIC	60,435	60,697	60,973	61,241	61,579	61,950	62,352	62,843	63,220	63,815	64,519	65,353	66,644	67,652	68,452	69,413
FE-EAST	12,535	12,621	12,692	12,784	12,879	12,989	13,172	13,409	13,543	13,755	14,009	14,292	14,675	15,014	15,236	15,605
PLGRP	7,716	7,736	7,757	7,777	7,801	7,819	7,813	7,865	7,868	7,907	7,933	7,989	8,052	8,107	8,173	8,248

Notes:
All forecast values represent unrestricted peaks, after reductions for distributed solar generation, reductions for distributed battery storage, additions for plug-in electric vehicles, and prior to reductions for load management.
Summer season indicates peak from June, July, August.

Table D-1

SUMMER EXTREME WEATHER (90/10) PEAK LOAD FOR
EACH PJM WESTERN AND PJM SOUTHERN ZONE, GEOGRAPHIC REGION AND RTO
2024 - 2039

	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	2037	2038	2039
AEP	24,034	24,974	25,718	26,225	26,625	26,884	27,044	27,197	27,312	27,439	27,570	27,724	27,885	28,121	28,282	28,534
APS	9,484	9,648	10,010	10,290	10,311	10,321	10,360	10,373	10,381	10,397	10,427	10,477	10,531	10,582	10,625	10,673
ATSI	13,345	13,332	13,338	13,342	13,358	13,364	13,370	13,375	13,386	13,431	13,483	13,535	13,618	13,702	13,785	13,887
COMED	22,673	22,653	22,629	22,691	22,527	22,496	22,488	22,495	22,577	22,593	22,664	22,795	22,942	23,093	23,162	23,341
DAYTON	3,582	3,586	3,592	3,602	3,604	3,620	3,623	3,625	3,625	3,637	3,658	3,679	3,697	3,719	3,741	3,768
DEOK	5,722	5,727	5,737	5,747	5,761	5,769	5,774	5,784	5,803	5,829	5,862	5,894	5,929	5,969	6,009	6,058
DLCO	2,908	2,912	2,922	2,938	2,956	2,973	2,988	3,006	3,026	3,048	3,081	3,106	3,143	3,178	3,215	3,262
EKPC	2,195	2,206	2,224	2,242	2,262	2,280	2,290	2,297	2,309	2,323	2,339	2,358	2,374	2,390	2,405	2,429
OVEC	90	90	90	90	90	90	90	90	90	90	90	90	90	90	90	90
DIVERSITY - WESTERN(-)	621	711	755	849	718	755	745	846	985	973	962	984	966	1,028	953	1,067
PJM WESTERN	83,412	84,417	85,505	86,318	86,776	87,042	87,282	87,396	87,524	87,814	88,212	88,674	89,243	89,816	90,361	90,975
DOM	24,144	25,057	26,829	28,695	31,033	33,042	34,758	36,211	37,586	38,949	40,274	41,540	42,780	44,030	45,311	46,647
DIVERSITY - TOTAL(-)	5,120	4,347	4,333	5,534	5,321	5,266	5,474	5,569	6,010	5,795	5,954	5,994	5,953	5,959	6,720	6,597
PJM RTO	164,691	167,798	170,893	172,653	175,838	178,563	180,723	182,903	184,504	187,010	189,340	191,983	194,830	197,781	199,652	202,997

Notes:
All forecast values represent unrestricted peaks, after reductions for distributed solar generation, reductions for distributed battery storage, additions for plug-in electric vehicles, and prior to reductions for load management.
Summer season indicates peak from June, July, August.

Table D-2

WINTER EXTREME WEATHER (90/10) PEAK LOAD FOR
EACH PJM MID-ATLANTIC ZONE AND GEOGRAPHIC REGION
2023/24 - 2038/39

	23/24	24/25	25/26	26/27	27/28	28/29	29/30	30/31	31/32	32/33	33/34	34/35	35/36	36/37	37/38	38/39
AE	1,702	1,745	1,802	1,858	1,919	1,970	2,029	2,083	2,154	2,204	2,265	2,332	2,414	2,473	2,539	2,606
BGE	6,410	6,409	6,429	6,450	6,492	6,503	6,509	6,541	6,600	6,608	6,646	6,731	6,874	6,928	7,011	7,121
DPL	4,084	4,061	4,072	4,089	4,142	4,131	4,148	4,168	4,217	4,206	4,233	4,270	4,311	4,347	4,390	4,422
JCPL	4,030	4,207	4,436	4,689	4,947	5,203	5,444	5,686	5,944	6,167	6,397	6,651	6,897	7,127	7,366	7,621
METED	2,897	2,903	2,951	3,015	3,086	3,150	3,212	3,276	3,351	3,431	3,516	3,615	3,727	3,835	3,947	4,063
PECO	6,921	6,896	6,918	6,963	7,032	7,065	7,092	7,123	7,179	7,220	7,271	7,350	7,425	7,460	7,535	7,611
PENLC	2,985	2,959	2,955	2,957	2,978	2,966	2,962	2,969	2,995	2,995	3,004	3,021	3,059	3,053	3,071	3,092
PEPCO	5,803	5,807	5,838	5,866	5,916	5,910	5,934	5,973	6,026	6,059	6,110	6,171	6,259	6,294	6,339	6,395
PL	7,709	7,714	7,726	7,744	7,755	7,754	7,765	7,772	7,777	7,787	7,799	7,818	7,856	7,899	7,926	7,959
PS	7,137	7,403	7,716	8,099	8,502	8,867	9,221	9,550	9,934	10,222	10,493	10,813	11,140	11,412	11,722	12,051
RECO	236	242	251	260	270	280	288	298	307	316	324	334	342	351	359	368
UGI	212	211	211	212	212	213	213	213	214	214	215	216	217	218	220	221
DIVERSITY - MID-ATLANTIC(-)	1,389	1,315	1,237	1,239	1,189	1,178	1,026	942	927	833	774	692	724	759	735	766
PJM MID-ATLANTIC	48,737	49,242	50,068	50,963	52,062	52,834	53,791	54,710	55,771	56,596	57,499	58,630	59,797	60,638	61,690	62,764
FE-EAST	9,791	9,969	10,255	10,583	10,956	11,247	11,561	11,868	12,247	12,537	12,873	13,240	13,655	13,911	14,308	14,693
PLGRP	7,911	7,916	7,931	7,945	7,957	7,957	7,965	7,973	7,983	7,989	8,008	8,031	8,073	8,106	8,137	8,176

Notes:
All forecast values represent unrestricted peaks, after reductions for distributed solar generation, additions for plug-in electric vehicles, and prior to reductions for load management.
Winter season indicates peak from December, January, February.

Table D-2

WINTER EXTREME WEATHER (90/10) PEAK LOAD FOR
EACH PJM WESTERN AND PJM SOUTHERN ZONE, GEOGRAPHIC REGION AND RTO
2024 - 2039

	23/24	24/25	25/26	26/27	27/28	28/29	29/30	30/31	31/32	32/33	33/34	34/35	35/36	36/37	37/38	38/39
AEP	24,716	25,401	26,092	26,612	27,344	27,274	27,472	27,527	27,814	27,652	27,775	27,882	28,095	28,005	28,196	28,340
APS	9,952	10,126	10,172	10,640	10,921	10,923	10,948	10,978	11,057	11,037	11,046	11,076	11,135	11,129	11,182	11,197
ATSI	10,840	10,732	10,761	10,802	10,945	10,906	10,926	10,942	11,005	10,991	11,028	11,096	11,167	11,163	11,210	11,289
COMED	15,639	15,656	15,730	15,836	15,947	15,999	16,076	16,149	16,308	16,367	16,489	16,641	16,837	16,896	17,040	17,210
DAYTON	3,108	3,099	3,098	3,100	3,119	3,113	3,110	3,103	3,106	3,104	3,104	3,110	3,123	3,133	3,142	3,150
DEOK	4,885	4,855	4,861	4,873	4,911	4,901	4,899	4,893	4,924	4,930	4,947	4,974	4,963	4,960	4,980	5,039
DLCO	2,106	2,084	2,092	2,106	2,141	2,142	2,154	2,164	2,196	2,204	2,224	2,251	2,286	2,297	2,324	2,351
EKPC	3,114	3,090	3,132	3,157	3,164	3,171	3,158	3,154	3,185	3,190	3,201	3,202	3,193	3,226	3,247	3,250
OVEC	110	110	110	110	110	110	110	110	110	110	110	110	110	110	110	110
DIVERSITY - WESTERN(-)	2,109	2,171	2,280	2,301	2,510	2,305	2,374	2,404	2,582	2,687	2,795	2,421	2,249	2,513	2,641	2,461
PJM WESTERN	72,361	72,982	73,768	74,935	76,092	76,234	76,479	76,616	77,123	76,898	77,129	77,921	78,660	78,406	78,790	79,475
DOM	24,826	25,476	26,999	28,667	30,641	32,461	34,136	35,584	36,823	37,974	39,053	40,165	41,240	42,094	43,246	44,353
DIVERSITY - TOTAL(-)	6,349	5,927	6,257	6,511	7,476	7,121	6,938	6,592	6,891	6,409	6,298	6,178	6,314	5,698	5,896	5,987
PJM RTO	143,073	145,259	148,095	151,594	155,018	157,891	160,868	163,664	166,335	168,579	170,952	173,651	176,356	178,712	181,206	183,832

Notes:
All forecast values represent unrestricted peaks, after reductions for distributed solar generation, additions for plug-in electric vehicles, and prior to reductions for load management.
Winter season indicates peak from December, January, February.

Table E-1

ANNUAL NET ENERGY (GWh) AND GROWTH RATES FOR EACH PJM MID-ATLANTIC ZONE AND GEOGRAPHIC REGION 2024 - 2034

	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	Annual Growth Rate (10 yr)
AE	9,956	9,970	10,026	10,077	10,170	10,228	10,321	10,438	10,621	10,759	10,972	1.0%
		0.1%	0.6%	0.5%	0.9%	0.6%	0.9%	1.1%	1.8%	1.3%	2.0%	
BGE	30,725	30,767	30,940	31,149	31,489	31,684	31,975	32,330	32,851	33,147	33,650	0.9%
		0.1%	0.6%	0.7%	1.1%	0.6%	0.9%	1.1%	1.6%	0.9%	1.5%	
DPL	18,330	18,163	18,121	18,115	18,189	18,137	18,138	18,188	18,357	18,386	18,535	0.1%
		-0.9%	-0.2%	-0.0%	0.4%	-0.3%	0.0%	0.3%	0.9%	0.2%	0.8%	
JCPL	22,673	23,004	23,443	23,894	24,451	24,935	25,514	26,176	27,017	27,708	28,609	2.4%
		1.5%	1.9%	1.9%	2.3%	2.0%	2.3%	2.6%	3.2%	2.6%	3.3%	
METED	16,123	16,338	16,755	17,211	17,729	18,132	18,585	19,093	19,744	20,252	20,946	2.7%
		1.3%	2.6%	2.7%	3.0%	2.3%	2.5%	2.7%	3.4%	2.6%	3.4%	
PECO	39,070	39,011	39,209	39,435	39,814	39,880	40,102	40,391	40,889	41,043	41,433	0.6%
		-0.2%	0.5%	0.6%	1.0%	0.2%	0.6%	0.7%	1.2%	0.4%	1.0%	
PENLC	17,334	17,250	17,287	17,336	17,449	17,421	17,463	17,532	17,695	17,703	17,812	0.3%
		-0.5%	0.2%	0.3%	0.7%	-0.2%	0.2%	0.4%	0.9%	0.0%	0.6%	
PEPCO	28,588	28,656	28,822	28,995	29,268	29,399	29,595	29,832	30,183	30,341	30,663	0.7%
		0.2%	0.6%	0.6%	0.9%	0.4%	0.7%	0.8%	1.2%	0.5%	1.1%	
PL	40,546	40,455	40,599	40,754	41,047	41,028	41,136	41,290	41,640	41,629	41,842	0.3%
		-0.2%	0.4%	0.4%	0.7%	-0.0%	0.3%	0.4%	0.8%	-0.0%	0.5%	
PS	43,445	44,025	44,717	45,483	46,395	47,172	47,995	48,716	49,776	50,545	51,645	1.7%
		1.3%	1.6%	1.7%	2.0%	1.7%	1.7%	1.5%	2.2%	1.5%	2.2%	
RECO	1,464	1,474	1,487	1,498	1,513	1,526	1,539	1,557	1,583	1,601	1,628	1.1%
		0.7%	0.9%	0.7%	1.0%	0.9%	0.9%	1.2%	1.7%	1.1%	1.7%	
UGI	1,056	1,051	1,054	1,058	1,063	1,063	1,065	1,068	1,078	1,078	1,088	0.3%
		-0.5%	0.3%	0.4%	0.5%	0.0%	0.2%	0.3%	0.9%	0.0%	0.9%	
PJM MID-ATLANTIC	269,310	270,164	272,460	275,005	278,577	280,605	283,428	286,611	291,434	294,192	298,823	1.0%
		0.3%	0.8%	0.9%	1.3%	0.7%	1.0%	1.1%	1.7%	0.9%	1.6%	
FE-EAST	56,130	56,592	57,485	58,441	59,629	60,488	61,562	62,801	64,456	65,663	67,367	1.8%
		0.8%	1.6%	1.7%	2.0%	1.4%	1.8%	2.0%	2.6%	1.9%	2.6%	
PLGRP	41,602	41,506	41,653	41,812	42,110	42,091	42,201	42,358	42,718	42,707	42,930	0.3%
		-0.2%	0.4%	0.4%	0.7%	-0.0%	0.3%	0.4%	0.8%	-0.0%	0.5%	

Notes:
All forecast values represent metered energy, after reductions for distributed solar generation, and additions for plug-in electric vehicles.
All average growth rates are calculated from the first year of the forecast (2024).

Table E-1 (continued)

ANNUAL NET ENERGY (GWh) AND GROWTH RATES FOR EACH PJM MID-ATLANTIC ZONE AND GEOGRAPHIC REGION 2035 - 2039

	2035	2036	2037	2038	2039	Annual Growth Rate (15 yr)
AE	11,233	11,551	11,796	12,082	12,412	1.5%
	2.4%	2.8%	2.1%	2.4%	2.7%	
BGE	34,260	35,078	35,652	36,350	37,184	1.3%
	1.8%	2.4%	1.6%	2.0%	2.3%	
DPL	18,739	19,071	19,258	19,513	19,809	0.5%
	1.1%	1.8%	1.0%	1.3%	1.5%	
JCPL	29,656	30,816	31,783	32,851	34,053	2.7%
	3.7%	3.9%	3.1%	3.4%	3.7%	
METED	21,763	22,716	23,513	24,433	25,435	3.1%
	3.9%	4.4%	3.5%	3.9%	4.1%	
PECO	41,905	42,594	42,912	43,426	43,989	0.8%
	1.1%	1.6%	0.7%	1.2%	1.3%	
PENLC	17,959	18,206	18,300	18,474	18,670	0.5%
	0.8%	1.4%	0.5%	1.0%	1.1%	
PEPCO	31,070	31,641	32,026	32,507	33,057	1.0%
	1.3%	1.8%	1.2%	1.5%	1.7%	
PL	42,089	42,597	42,758	43,094	43,453	0.5%
	0.6%	1.2%	0.4%	0.8%	0.8%	
PS	52,948	54,485	55,675	57,071	58,600	2.0%
	2.5%	2.9%	2.2%	2.5%	2.7%	
RECO	1,659	1,702	1,732	1,765	1,805	1.4%
	1.9%	2.6%	1.8%	1.9%	2.3%	
UGI	1,097	1,114	1,122	1,134	1,150	0.6%
	0.8%	1.5%	0.7%	1.1%	1.4%	
PJM MID-ATLANTIC	304,378	311,571	316,527	322,700	329,617	1.4%
	1.9%	2.4%	1.6%	2.0%	2.1%	
FE-EAST	69,378	71,738	73,596	75,758	78,158	2.2%
	3.0%	3.4%	2.6%	2.9%	3.2%	
PLGRP	43,186	43,711	43,880	44,228	44,603	0.5%
	0.6%	1.2%	0.4%	0.8%	0.8%	

Notes:
All forecast values represent metered energy, after reductions for distributed solar generation, and additions for plug-in electric vehicles.
All average growth rates are calculated from the first year of the forecast (2024).

Table E-1

ANNUAL NET ENERGY (GWh) AND GROWTH RATES FOR EACH PJM WESTERN AND PJM SOUTHERN ZONE, GEOGRAPHIC REGION AND RTO 2024 - 2034

	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	Annual Growth Rate (10 yr)
AEP	135,995	144,174	150,566	155,236	159,451	161,012	162,521	163,854	165,268	165,289	166,117	2.0%
		6.0%	4.4%	3.1%	2.7%	1.0%	0.9%	0.8%	0.9%	0.0%	0.5%	
APS	51,299	52,290	54,687	57,259	58,493	58,518	58,702	58,872	59,294	59,181	59,383	1.5%
		1.9%	4.6%	4.7%	2.2%	0.0%	0.3%	0.3%	0.7%	-0.2%	0.3%	
ATSI	66,125	65,898	66,102	66,403	66,955	66,947	67,092	67,284	67,821	67,755	68,088	0.3%
		-0.3%	0.3%	0.5%	0.8%	-0.0%	0.2%	0.3%	0.8%	-0.1%	0.5%	
COMED	93,350	93,118	93,408	93,740	94,361	94,331	94,557	94,965	95,889	96,098	96,887	0.4%
		-0.2%	0.3%	0.4%	0.7%	-0.0%	0.2%	0.4%	1.0%	0.2%	0.8%	
DAYTON	17,224	17,202	17,263	17,335	17,456	17,443	17,461	17,497	17,624	17,601	17,677	0.3%
		-0.1%	0.4%	0.4%	0.7%	-0.1%	0.1%	0.2%	0.7%	-0.1%	0.4%	
DEOK	27,125	27,062	27,144	27,230	27,408	27,400	27,460	27,554	27,778	27,799	27,955	0.3%
		-0.2%	0.3%	0.3%	0.7%	-0.0%	0.2%	0.3%	0.8%	0.1%	0.6%	
DLCO	13,197	13,153	13,211	13,286	13,417	13,461	13,539	13,644	13,817	13,892	14,047	0.6%
		-0.3%	0.4%	0.6%	1.0%	0.3%	0.6%	0.8%	1.3%	0.5%	1.1%	
EKPC	11,431	11,497	11,654	11,820	12,014	12,089	12,192	12,291	12,458	12,512	12,633	1.0%
		0.6%	1.4%	1.4%	1.6%	0.6%	0.9%	0.8%	1.4%	0.4%	1.0%	
OVEC	325	325	325	325	325	325	325	325	325	325	325	0.0%
		0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	
PJM WESTERN	416,071	424,719	434,360	442,634	449,880	451,526	453,849	456,286	460,274	460,452	463,112	1.1%
		2.1%	2.3%	1.9%	1.6%	0.4%	0.5%	0.5%	0.9%	0.0%	0.6%	
DOM	127,947	134,800	150,124	165,597	185,010	201,015	215,301	227,376	239,480	249,565	260,020	7.3%
		5.4%	11.4%	10.3%	11.7%	8.7%	7.1%	5.6%	5.3%	4.2%	4.2%	
PJM RTO	813,328	829,683	856,944	883,236	913,467	933,146	952,578	970,273	991,188	1,004,209	1,021,955	2.3%
		2.0%	3.3%	3.1%	3.4%	2.2%	2.1%	1.9%	2.2%	1.3%	1.8%	

Notes:
All forecast values represent metered energy, after reductions for distributed solar generation, and additions for plug-in electric vehicles.
All average growth rates are calculated from the first year of the forecast (2024).

Table E-1 (Continued)

ANNUAL NET ENERGY (GWh) AND GROWTH RATES FOR EACH PJM WESTERN AND PJM SOUTHERN ZONE, GEOGRAPHIC REGION AND RTO 2024 - 2034

	2035	2036	2037	2038	2039	Annual Growth Rate (15 yr)
AEP	167,252	169,070	169,532	170,725	171,991	1.6%
	0.7%	1.1%	0.3%	0.7%	0.7%	
APS	59,744	60,336	60,387	60,691	61,039	1.2%
	0.6%	1.0%	0.1%	0.5%	0.6%	
ATSI	68,563	69,359	69,552	70,096	70,668	0.4%
	0.7%	1.2%	0.3%	0.8%	0.8%	
COMED	98,043	99,584	100,336	101,528	102,896	0.7%
	1.2%	1.6%	0.8%	1.2%	1.3%	
DAYTON	17,801	18,008	18,064	18,201	18,350	0.4%
	0.7%	1.2%	0.3%	0.8%	0.8%	
DEOK	28,187	28,522	28,640	28,877	29,131	0.5%
	0.8%	1.2%	0.4%	0.8%	0.9%	
DLCO	14,240	14,502	14,665	14,878	15,119	0.9%
	1.4%	1.8%	1.1%	1.5%	1.6%	
EKPC	12,782	12,988	13,072	13,221	13,375	1.1%
	1.2%	1.6%	0.6%	1.1%	1.2%	
OVEC	325	325	325	325	325	0.0%
	0.0%	0.0%	0.0%	0.0%	0.0%	
PJM WESTERN	466,937	472,694	474,573	478,542	482,894	1.0%
	0.8%	1.2%	0.4%	0.8%	0.9%	
DOM	269,902	280,018	288,582	298,296	308,417	6.0%
	3.8%	3.7%	3.1%	3.4%	3.4%	
PJM RTO	1,041,217	1,064,283	1,079,682	1,099,538	1,120,928	2.2%
	1.9%	2.2%	1.4%	1.8%	1.9%	

Notes:
All forecast values represent metered energy, after reductions for distributed solar generation, and additions for plug-in electric vehicles.
All average growth rates are calculated from the first year of the forecast (2024).

Table E-2

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

	AE	BGE	DPL	JCPL	METED	PECO	PENLC	PEPCO	PL	PS	RECO	UGI	PJM MID-ATLANTIC
Jan 2024	862	3,005	1,850	2,013	1,537	3,603	1,657	2,749	4,055	3,799	122	109	25,361
Feb 2024	772	2,674	1,637	1,812	1,407	3,282	1,539	2,451	3,678	3,459	110	100	22,921
Mar 2024	732	2,474	1,507	1,725	1,326	3,114	1,492	2,254	3,469	3,347	107	94	21,641
Apr 2024	643	2,093	1,227	1,526	1,174	2,731	1,318	1,943	2,965	3,002	99	76	18,797
May 2024	726	2,241	1,296	1,664	1,208	2,912	1,322	2,120	2,987	3,235	115	75	19,901
Jun 2024	882	2,598	1,510	1,996	1,322	3,362	1,370	2,454	3,184	3,811	136	80	22,705
Jul 2024	1,161	3,072	1,854	2,468	1,514	3,996	1,531	2,907	3,683	4,581	163	95	27,025
Aug 2024	1,099	2,949	1,760	2,349	1,491	3,855	1,491	2,780	3,551	4,415	154	89	25,983
Sep 2024	832	2,393	1,398	1,827	1,240	3,121	1,315	2,270	3,030	3,580	123	75	21,204
Oct 2024	701	2,175	1,261	1,636	1,214	2,814	1,358	2,045	3,009	3,249	108	77	19,647
Nov 2024	711	2,288	1,353	1,669	1,242	2,887	1,383	2,112	3,203	3,238	106	84	20,276
Dec 2024	835	2,763	1,677	1,988	1,448	3,393	1,558	2,503	3,732	3,729	121	102	23,849

	AE	BGE	DPL	JCPL	METED	PECO	PENLC	PEPCO	PL	PS	RECO	UGI	MID-ATLANTIC
Jan 2025	874	3,021	1,851	2,080	1,555	3,610	1,653	2,768	4,059	3,905	125	109	25,610
Feb 2025	744	2,571	1,557	1,779	1,346	3,107	1,450	2,366	3,498	3,382	107	94	22,001
Mar 2025	739	2,490	1,502	1,771	1,350	3,128	1,496	2,274	3,483	3,430	108	94	21,865
Apr 2025	645	2,102	1,217	1,553	1,192	2,737	1,315	1,953	2,965	3,044	100	76	18,899
May 2025	725	2,245	1,278	1,678	1,224	2,910	1,315	2,124	2,979	3,260	115	74	19,927
Jun 2025	881	2,612	1,497	2,014	1,349	3,378	1,375	2,471	3,200	3,854	137	81	22,849
Jul 2025	1,159	3,085	1,839	2,487	1,546	4,012	1,536	2,923	3,701	4,630	164	95	27,177
Aug 2025	1,097	2,954	1,745	2,361	1,509	3,855	1,484	2,786	3,543	4,444	154	89	26,021
Sep 2025	834	2,410	1,390	1,852	1,273	3,141	1,323	2,289	3,052	3,637	124	76	21,401
Oct 2025	705	2,188	1,255	1,663	1,242	2,823	1,357	2,055	3,015	3,299	109	77	19,788
Nov 2025	717	2,300	1,349	1,705	1,265	2,892	1,379	2,120	3,201	3,292	107	84	20,411
Dec 2025	850	2,789	1,683	2,061	1,487	3,418	1,567	2,527	3,759	3,848	124	102	24,215

	AE	BGE	DPL	JCPL	METED	PECO	PENLC	PEPCO	PL	PS	RECO	UGI	MID-ATLANTIC
Jan 2026	887	3,033	1,853	2,149	1,582	3,617	1,648	2,781	4,060	4,011	127	109	25,857
Feb 2026	756	2,586	1,558	1,840	1,376	3,120	1,452	2,382	3,509	3,475	109	95	22,258
Mar 2026	748	2,508	1,501	1,825	1,388	3,152	1,504	2,295	3,506	3,515	110	94	22,146
Apr 2026	648	2,113	1,208	1,581	1,224	2,750	1,317	1,962	2,975	3,084	101	76	19,039
May 2026	724	2,250	1,264	1,690	1,250	2,915	1,310	2,126	2,975	3,276	115	74	19,969
Jun 2026	880	2,625	1,487	2,029	1,390	3,401	1,384	2,486	3,223	3,892	137	81	23,015
Jul 2026	1,156	3,095	1,829	2,499	1,582	4,029	1,539	2,935	3,713	4,656	164	95	27,292
Aug 2026	1,095	2,968	1,738	2,380	1,547	3,877	1,491	2,802	3,559	4,483	155	89	26,184
Sep 2026	835	2,423	1,387	1,871	1,308	3,157	1,326	2,302	3,062	3,669	124	76	21,540
Oct 2026	707	2,199	1,250	1,688	1,273	2,832	1,355	2,061	3,015	3,333	110	77	19,900
Nov 2026	726	2,326	1,354	1,756	1,307	2,919	1,388	2,143	3,225	3,368	109	85	20,706
Dec 2026	864	2,814	1,692	2,135	1,528	3,440	1,573	2,547	3,777	3,955	126	103	24,554

Notes:
All forecast values represent metered energy, after reductions for distributed solar generation, and additions for plug-in electric vehicles.

Table E-2

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

	AEP	APS	ATSI	COMED	DAYTON	DEOK	DLCO	EKPC	OVEC	PJM WESTERN	DOM	PJM RTO
Jan 2024	13,028	5,059	6,120	8,450	1,630	2,504	1,176	1,251	30	39,248	11,771	76,380
Feb 2024	11,819	4,590	5,676	7,800	1,483	2,259	1,078	1,079	30	35,814	10,552	69,287
Mar 2024	11,265	4,277	5,520	7,437	1,400	2,138	1,044	953	25	34,059	9,986	65,686
Apr 2024	10,055	3,697	4,932	6,758	1,241	1,932	951	783	25	30,374	8,945	58,116
May 2024	10,400	3,792	5,102	7,117	1,307	2,105	1,030	813	25	31,691	9,735	61,327
Jun 2024	11,159	4,057	5,557	8,201	1,447	2,386	1,168	901	25	34,901	10,747	68,353
Jul 2024	12,263	4,530	6,159	9,346	1,600	2,653	1,324	1,002	30	38,907	12,264	78,196
Aug 2024	12,131	4,483	6,031	8,962	1,599	2,611	1,279	983	30	38,109	11,996	76,088
Sep 2024	10,562	3,905	5,133	7,492	1,350	2,182	1,062	823	25	32,534	10,358	64,096
Oct 2024	10,389	3,938	5,052	6,948	1,307	1,994	982	800	20	31,430	9,788	60,865
Nov 2024	10,721	4,125	5,097	6,957	1,341	2,020	989	911	25	32,186	10,124	62,586
Dec 2024	12,203	4,846	5,746	7,882	1,519	2,341	1,114	1,132	35	36,818	11,681	72,348

	AEP	APS	ATSI	COMED	DAYTON	DEOK	DLCO	EKPC	OVEC	WESTERN	DOM	PJM RTO
Jan 2025	13,758	5,219	6,104	8,460	1,629	2,506	1,174	1,256	30	40,136	12,286	78,032
Feb 2025	11,873	4,490	5,346	7,397	1,404	2,150	1,022	1,030	30	34,742	10,565	67,308
Mar 2025	12,033	4,446	5,525	7,455	1,406	2,145	1,045	962	25	35,042	10,547	67,454
Apr 2025	10,758	3,842	4,923	6,757	1,241	1,932	950	791	25	31,219	9,482	59,600
May 2025	11,105	3,922	5,081	7,090	1,303	2,100	1,026	820	25	32,472	10,304	62,703
Jun 2025	11,894	4,193	5,570	8,212	1,456	2,392	1,170	911	25	35,823	11,360	70,032
Jul 2025	13,028	4,665	6,183	9,367	1,610	2,661	1,327	1,015	30	39,886	12,918	79,981
Aug 2025	12,825	4,569	6,011	8,923	1,596	2,606	1,276	992	30	38,828	12,629	77,478
Sep 2025	11,329	3,954	5,175	7,546	1,365	2,195	1,067	837	25	33,493	11,024	65,918
Oct 2025	11,135	3,938	5,075	6,981	1,314	1,998	985	812	20	32,258	10,463	62,509
Nov 2025	11,425	4,149	5,103	6,964	1,342	2,020	990	923	25	32,941	10,787	64,139
Dec 2025	13,011	4,903	5,802	7,966	1,536	2,357	1,121	1,148	35	37,879	12,435	74,529

	AEP	APS	ATSI	COMED	DAYTON	DEOK	DLCO	EKPC	OVEC	WESTERN	DOM	PJM RTO
Jan 2026	14,271	5,232	6,097	8,463	1,627	2,507	1,175	1,267	30	40,669	13,320	79,846
Feb 2026	12,364	4,510	5,358	7,423	1,408	2,157	1,025	1,042	30	35,317	11,556	69,131
Mar 2026	12,609	4,533	5,560	7,506	1,417	2,158	1,051	977	25	35,836	11,688	69,670
Apr 2026	11,278	3,933	4,938	6,778	1,246	1,938	954	804	25	31,894	10,587	61,520
May 2026	11,605	4,039	5,073	7,071	1,300	2,098	1,026	831	25	33,068	11,497	64,534
Jun 2026	12,446	4,458	5,605	8,249	1,468	2,404	1,177	926	25	36,758	12,624	72,397
Jul 2026	13,567	4,925	6,198	9,376	1,615	2,666	1,333	1,027	30	40,737	14,275	82,304
Aug 2026	13,374	4,881	6,032	8,942	1,603	2,615	1,282	1,006	30	39,765	14,040	79,989
Sep 2026	11,846	4,252	5,188	7,563	1,368	2,200	1,073	849	25	34,364	12,418	68,322
Oct 2026	11,647	4,236	5,077	6,988	1,313	1,999	988	824	20	33,092	11,896	64,888
Nov 2026	11,987	4,464	5,143	7,029	1,354	2,034	998	938	25	33,972	12,259	66,937
Dec 2026	13,572	5,224	5,833	8,020	1,544	2,368	1,129	1,163	35	38,888	13,964	77,406

Notes:
All forecast values represent metered energy, after reductions for distributed solar generation, and additions for plug-in electric vehicles.

Table E-3

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

	FE_EAST	PLGRP
Jan 2024	5,207	4,164
Feb 2024	4,758	3,778
Mar 2024	4,543	3,563
Apr 2024	4,018	3,041
May 2024	4,194	3,062
Jun 2024	4,688	3,264
Jul 2024	5,513	3,778
Aug 2024	5,331	3,640
Sep 2024	4,382	3,105
Oct 2024	4,208	3,086
Nov 2024	4,294	3,287
Dec 2024	4,994	3,834

	FE_EAST	PLGRP
Jan 2025	5,288	4,168
Feb 2025	4,575	3,592
Mar 2025	4,617	3,577
Apr 2025	4,060	3,041
May 2025	4,217	3,053
Jun 2025	4,738	3,281
Jul 2025	5,569	3,796
Aug 2025	5,354	3,632
Sep 2025	4,448	3,128
Oct 2025	4,262	3,092
Nov 2025	4,349	3,285
Dec 2025	5,115	3,861

	FE_EAST	PLGRP
Jan 2026	5,379	4,169
Feb 2026	4,668	3,604
Mar 2026	4,717	3,600
Apr 2026	4,122	3,051
May 2026	4,250	3,049
Jun 2026	4,803	3,304
Jul 2026	5,620	3,808
Aug 2026	5,418	3,648
Sep 2026	4,505	3,138
Oct 2026	4,316	3,092
Nov 2026	4,451	3,310
Dec 2026	5,236	3,880

Notes:
All forecast values represent metered energy, after reductions for distributed solar generation, and additions for plug-in electric vehicles.

Table E-4

PLUG IN ELECTRIC VEHICLE ADJUSTMENT TO ANNUAL ENERGY (GWh) FOR EACH PJM ZONE AND RTO
2024 - 2039

	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	2037	2038	2039
AE	52	129	237	357	487	635	797	989	1,202	1,423	1,680	1,963	2,251	2,533	2,816	3,148
BGE	168	370	646	950	1,284	1,684	2,126	2,652	3,242	3,860	4,565	5,339	6,132	6,910	7,692	8,599
DPL	53	130	234	347	470	612	762	947	1,158	1,381	1,635	1,917	2,207	2,493	2,780	3,114
JCPL	238	506	876	1,289	1,730	2,228	2,750	3,374	4,088	4,829	5,671	6,588	7,512	8,413	9,315	10,376
METED	96	233	424	637	866	1,140	1,427	1,782	2,198	2,638	3,166	3,784	4,453	5,144	5,868	6,686
PECO	119	247	420	611	815	1,046	1,295	1,596	1,939	2,298	2,704	3,149	3,606	4,056	4,512	5,042
PENLC	32	84	155	232	314	406	505	627	766	912	1,081	1,270	1,466	1,661	1,859	2,087
PEPCO	124	247	410	589	784	1,011	1,262	1,561	1,897	2,249	2,648	3,084	3,533	3,992	4,443	4,962
PL	54	125	223	329	443	574	715	887	1,083	1,288	1,525	1,788	2,063	2,337	2,617	2,938
PS	266	572	997	1,473	1,981	2,562	3,199	3,951	4,785	5,652	6,644	7,731	8,836	9,918	11,007	12,281
RECO	11	21	33	47	62	79	97	119	142	167	194	224	254	283	312	346
UGI	3	7	12	17	23	30	38	47	57	68	80	94	109	123	138	155
AEP	134	331	602	900	1,223	1,605	2,028	2,547	3,140	3,770	4,508	5,352	6,250	7,157	8,093	9,154
APS	51	123	219	325	438	571	716	892	1,093	1,304	1,547	1,816	2,095	2,371	2,651	2,973
ATSI	123	284	503	742	996	1,286	1,599	1,981	2,420	2,884	3,425	4,040	4,686	5,330	5,990	6,743
COMED	362	784	1,346	1,962	2,614	3,345	4,128	5,070	6,142	7,273	8,559	9,987	11,478	12,950	14,447	16,180
DAYTON	21	53	97	144	194	251	314	390	480	576	690	824	967	1,112	1,261	1,431
DEOK	52	110	188	274	367	474	589	729	890	1,059	1,255	1,476	1,709	1,942	2,180	2,452
DLCO	48	109	192	283	379	489	606	750	916	1,090	1,290	1,513	1,744	1,973	2,207	2,475
EKPC	13	32	59	88	119	155	193	241	297	358	427	506	591	675	762	860
OVEC	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DOM	312	683	1,181	1,726	2,314	2,980	3,691	4,564	5,566	6,627	7,814	9,110	10,444	11,748	13,054	14,578
PJM RTO	2,333	5,179	9,056	13,324	17,903	23,163	28,836	35,695	43,503	51,709	61,108	71,555	82,382	93,120	104,003	116,579

Notes:
Adjustment values presented here are reflected in all energy forecast values.

Values are derived by PJM from a forecast obtained from SPGCI.

Table F-1

PJM RTO HISTORICAL PEAKS
(MW)

SUMMER

YEAR	NORMALIZED TOTAL	UNRESTRICTED PEAK	PEAK DATE	TIME
1998		133,275	Tuesday, July 21, 1998	17:00
1999		141,491	Friday, July 30, 1999	17:00
2000		131,798	Wednesday, August 9, 2000	17:00
2001		150,924	Thursday, August 9, 2001	16:00
2002		150,826	Thursday, August 1, 2002	17:00
2003		145,227	Thursday, August 21, 2003	17:00
2004		139,279	Tuesday, August 3, 2004	17:00
2005		155,257	Tuesday, July 26, 2005	16:00
2006		166,929	Wednesday, August 2, 2006	17:00
2007		162,035	Wednesday, August 8, 2007	16:00
2008		150,622	Monday, June 9, 2008	17:00
2009		145,112	Monday, August 10, 2009	16:00
2010		157,247	Wednesday, July 7, 2010	17:00
2011		165,524	Thursday, July 21, 2011	17:00
2012		158,219	Tuesday, July 17, 2012	17:00
2013		159,149	Thursday, July 18, 2013	17:00
2014	150,051	141,509	Tuesday, June 17, 2014	18:00
2015	149,806	143,579	Tuesday, July 28, 2015	17:00
2016	149,213	152,069	Thursday, August 11, 2016	16:00
2017	148,948	145,434	Wednesday, July 19, 2017	18:00
2018	149,360	150,573	Tuesday, August 28, 2018	17:00
2019	149,259	151,302	Friday, July 19, 2019	18:00
2020	147,060	144,320	Monday, July 20, 2020	17:00
2021	149,780	148,433	Tuesday, August 24, 2021	18:00
2022	150,123	147,361	Wednesday, July 20, 2022	18:00
2023	149,884	146,799	Thursday, July 27, 2023	18:00

Notes:
Normalized values for 2014 - 2023 are calculated by PJM staff using a methodology described in Manual 19.
All times are shown in hour ending Eastern Prevailing Time and historic peak values reflect current membership of the PJM RTO.

Table F-1

PJM RTO HISTORICAL PEAKS
(MW)

WINTER

YEAR	NORMALIZED TOTAL	UNRESTRICTED PEAK	PEAK DATE	TIME
97/98		103,231	Wednesday, January 14, 1998	19:00
98/99		116,086	Tuesday, January 5, 1999	19:00
99/00		118,435	Thursday, January 27, 2000	20:00
00/01		118,046	Wednesday, December 20, 2000	19:00
01/02		112,217	Wednesday, January 2, 2002	19:00
02/03		129,965	Thursday, January 23, 2003	19:00
03/04		122,424	Friday, January 23, 2004	9:00
04/05		131,234	Monday, December 20, 2004	19:00
05/06		126,777	Wednesday, December 14, 2005	19:00
06/07		136,804	Monday, February 5, 2007	20:00
07/08		128,368	Wednesday, January 2, 2008	19:00
08/09		134,077	Friday, January 16, 2009	19:00
09/10		125,350	Monday, January 4, 2010	19:00
10/11		132,315	Tuesday, December 14, 2010	19:00
11/12		124,506	Tuesday, January 3, 2012	19:00
12/13		128,810	Tuesday, January 22, 2013	19:00
13/14		141,866	Tuesday, January 7, 2014	19:00
14/15	130,759	142,856	Friday, February 20, 2015	8:00
15/16	131,217	129,540	Tuesday, January 19, 2016	8:00
16/17	130,755	130,825	Thursday, December 15, 2016	19:00
17/18	131,191	137,212	Friday, January 5, 2018	19:00
18/19	130,605	137,618	Thursday, January 31, 2019	8:00
19/20	131,223	120,272	Thursday, December 19, 2019	8:00
20/21	130,059	117,012	Friday, January 29, 2021	9:00
21/22	132,636	128,882	Thursday, January 27, 2022	8:00
22/23	133,059	134,951	Friday, December 23, 2022	19:00

Notes:
Normalized values for 2014/15 - 2022/23 are calculated by PJM staff using a methodology described in Manual 19.
All times are shown in hour ending Eastern Prevailing Time and historic peak values reflect current membership of the PJM RTO.

Table F-2

PJM RTO HISTORICAL NET ENERGY
(GWH)

YEAR	ENERGY	GROWTH RATE
1998	718,248	0.0%
1999	740,056	3.0%
2000	756,211	2.2%
2001	754,516	-0.2%
2002	782,275	3.7%
2003	780,666	-0.2%
2004	796,702	2.1%
2005	823,342	3.3%
2006	802,984	-2.5%
2007	836,241	4.1%
2008	822,608	-1.6%
2009	781,270	-5.0%
2010	820,038	5.0%
2011	805,911	-1.7%
2012	791,768	-1.8%
2013	795,098	0.4%
2014	796,228	0.1%
2015	791,580	-0.6%
2016	791,176	-0.1%
2017	772,291	-2.4%
2018	804,917	4.2%
2019	785,209	-2.4%
2020	755,241	-3.8%
2021	780,454	3.3%
2022	792,832	1.6%

Note: All historic net energy values reflect the current membership of the PJM RTO.

Table F-3

WEATHER NORMALIZED LOAD (MW) FOR
EACH PJM ZONE, LOCATIONAL DELIVERABILITY AREA AND RTO

	Summer 2023	Winter 2022/23
AE	2,601	1,616
BGE	6,502	5,820
DPL	3,964	3,700
JCPL	6,067	3,788
METED	3,026	2,745
PECO	8,593	6,577
PENLC	2,876	2,831
PEPCO	6,035	5,327
PL	7,129	7,366
PS	10,069	6,783
RECO	412	224
UGI	198	202
AEP	22,332	22,423
APS	8,742	9,176
ATSI	12,508	10,411
COMED	20,639	14,787
DAYTON	3,312	2,943
DEOK	5,360	4,636
DLCO	2,713	2,013
EKPC	2,084	2,745
OVEC	90	110
DOM	21,804	21,791
PJM MID-ATLANTIC	55,976	46,300
PJM WESTERN	76,115	67,192
PJM RTO	149,884	133,059

Notes:
Zonal Normal 2023 are non-coincident as estimated by PJM staff.
Locational Deliverability Area and PJM RTO Normal 2023 are coincident with their regional peak as estimated by PJM staff.