



Memorandum

To: Brian Groth

From: Troy Fodor

Date: May 9, 2025

Re: IMEA - PJM Billing Explanation - January 2024

You have asked that IMEA share copies of the monthly billing statements we receive from PJM Settlement, Inc. for calendar year 2024 (CY24). We are willing to share the monthly statements, but a certain amount of explanation is required.

The PJM billing statement has numerous line items with no descriptions other than the line item's title, and the statement contains charges and credits for all PJM transactions, including transmission, ancillary services, capacity, energy, and PJM administrative charges for all IMEA members located in the PJM region. The monthly bill to Naperville from IMEA breaks out and aggregates the charges and credits from PJM. It should also be noted that roughly half of IMEA's load is located in MISO and that the PJM and MISO costs are aggregated together and socialized among all IMEA members in IMEA's postage stamp rates.

The purpose of this memo is to provide a list of the line items from the PJM billing statements that are included in either transmission, capacity or energy for purposes of IMEA's bill to Members. Additional information about PJM's billing statements can be found on the PJM website. See for example, [*Customer Guide to PJM Billing*](#), which gives a fuller description of each line item.

The PJM billing statement for the January 2024 billing period is attached hereto.

Transmission

Network Integrated Transmission Service (NITS) from PJM includes the charges based on ComEd's formula rate to recover ComEd's investment in its transmission system and its operating expenses. While NITS charges are the largest transmission

related cost, there are many other transmission related charges from PJM that are not included in NITS. The line items on the PJM billing statement that are tracked as transmission related are the following (there may be other line items properly tracked as transmission related that appear infrequently or that show a zero balance on a given month's bill):

1100	1140	1301	1330	1450	2130	2218	2415
1108	1210 (partial)*	1302	1340	1460	2140	2320	2510
1115	1215 (partial)*	1303	1380	1500	2211	2330	
1120	1216	1305	1410	2100	2215	2340	
1130	1218	1320	1440	2108	2217	2380	

* Line items 1210 (Day-ahead Transmission Congestion) and 1215 (Balancing Transmission Congestion) are manually split by IMEA between transmission and energy. The portion of the congestion costs or credits related to the delivery of Prairie State from MISO to PJM are captured and tracked by IMEA as energy related costs. The remainder of the congestion costs or credits are transmission related. The Prairie State related congestion costs or credits are determined based on the financial settlement of flows of electricity between PJM and MISO. IMEA calculates these amounts for the Day-ahead market and the Real-time market as follows: PJM's congestion portion of the locational marginal price (LMP) at the Prairie State node is subtracted from PJM's congestion portion of the LMP at the Naperville node. There are no similar congestion costs or credits for delivery of Trimble County energy from LG&E to PJM.

The portion of line items 1210 and 1215 that are transmission related costs/credits for January 2024 are \$228,482.95 and \$32,140.81, respectively.

For IMEA CY24 Network Integration Transmission Service and Other Supporting Facilities represent ~82.5% of the IMEA PJM transmission costs. Reactive Supply and Voltage Control represents ~3.9% of the IMEA PJM transmission costs. Transmission Enhancement charges and credits represent ~3.7% of the IMEA transmission costs. Day-Ahead, Balancing Transmission Congestion, Auction Revenue Rights, Financial Transmission Rights and Transmission related energy costs/credits represent ~6.2% of the IMEA transmission costs. PJM and Transmission Owner Scheduling, System Control and Dispatch, Regulation and Frequency Response and Black Start represents ~6.5% of the IMEA PJM transmission costs. There is a credit of 1.0% for Point to Point and a credit of 1.8%

for Reactive Supply and Voltage support. These percentages change from year to year, but the general composition of the charges/credits should remain proportional from year to year.

Capacity

PJM controls the capacity market for its region. Capacity is basically the ability of a generating resource to produce electricity at any time when called; 24x7x365. PJM models the loads and available generation for the region as a whole and for certain individual Local Deliverability Areas (LDAs) that have historically been constrained, which in recent years has included the ComEd zone. The general design of this market is a 3-year forward auction construct. It consists of a Base Residual Auction and 3 Incremental Auctions for each Delivery Year. The 3-year forward aspect has been compressed in recent years due to previous auctions having been delayed and some of the Incremental Auctions have not been held. PJM does not own any generating resources, but it requires the generating resources that are connected to the transmission system that it controls (or pseudo-tied into its region) to bid into the capacity auctions, and if they get approved in the auctions, they are required to bid into the energy market every day. PJM charges load serving entities for capacity and pays generating resources that got approved for payment in the auctions for providing that capacity. The line items on the PJM billing statement that are tracked as capacity related are the following (there may be other line items properly tracked as capacity related that appear infrequently or that show a zero balance on a given month's bill):

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Energy

PJM controls the energy markets in its region. It requires generating resources to bid into the energy markets every 5 minutes of every day; 24x7x365. **PJM dispatches the least cost generating units that are selected from the bids for every 5 minutes of every day.** PJM charges load serving entities for energy and pays generating resources for energy delivered to the grid. The line items on the PJM billing statement that are tracked as energy related are the following (there may be other line items properly tracked as energy related that appear infrequently or that show a zero balance on a given month's bill):

1200	1243	1318	1375	1446	1957	2375
1205	1246	1319	1376	1447	2220	2390
1210 (partial)*	1250	1360	1400	1448	2360	2420
1215 (partial)*	1313	1361	1420	1449	2361	2980
1220	1314	1362	1430	1470	2366	
1225	1315	1365	1443	1471	2367	
1230	1316	1370	1444	1472	2368	
1242	1317	1371	1445	1478	2370	

* Line items 1210 and 1215 are manually split by IMEA between energy and transmission. See explanation of the determination of the split noted above.

The portion of line items 1210 and 1215 that are energy related costs/credits for January 2024 are negative \$162,928.73 and positive \$80,986.53, respectively.

We understand that you may provide this to one or more of your municipal electric customers and that the statements may be posted to the internet. While we would prefer that the IMEA PJM billing statements not be posted to the internet due to the high potential of the documents being misunderstood or misstated, if they are to be provided to members of the public that intend to post them, we ask that this memo be posted with the billing statements.

Illinois Municipal Electric Agency
Illinois Public Energy Agency
Illinois Municipal Utilities Association
www.imea.org

INVOICE NUMBER: 2024013107162

CUSTOMER ACCOUNT: Illinois Municipal Electric Agency

CUSTOMER IDENTIFIERS: [REDACTED]

FINAL BILLING STATEMENT ISSUED: 02/07/2024 08:50:09

BILLING PERIOD: 01/01/2024 to 01/31/2024

Monthly Billing Total: (\$2,544,631.51)

Previous Weekly Billing Total: (\$2,957,995.55)

Monthly Billing Statement Summary		Total
Total Net Charge. Please Pay This Amount.		\$413,364.04

TERMS: PAYABLE IN FULL BY 12:00 PM EPT ON 2024-02-16

Fed Wire/ACH Bank Instructions: PJM Settlement, Inc.

[REDACTED]
[REDACTED]
[REDACTED]
[REDACTED]

FOR INQUIRIES CONTACT:

PJM MEMBER RELATIONS (Banking / Payment): custsvc@pjm.com (866) 400-8980

PJM MARKET SETTLEMENTS (Billing Line Items): mrkt_settlement_ops@pjm.com (866) 400-8980

ADDITIONAL BILLING STATEMENT INFORMATION:

This cover page includes PJM Settlement, Inc. banking information that is NOT to be publicly shared. In order to reduce the risk of potential fraud, please redact any PJM Settlement banking information prior to including these billing statements in any public documents.

Stephen Lawson
President

CUSTOMER ACCOUNT: Illinois Municipal Electric Agency

CUSTOMER IDENTIFIERS 

FINAL BILLING STATEMENT ISSUED: 02/07/2024 08:50:09

BILLING PERIOD: 01/01/2024 to 01/31/2024

CHARGES	ADJ	BILLING LINE ITEM NAME	SOURCE BILLING PERIOD START	AMOUNT
1100		Network Integration Transmission Service		\$1,698,832.55
1108		Transmission Enhancement		\$248,804.22
1115		Transmission Enhancement Settlement (EL05-121-009)		(\$26,604.53)
1120		Other Supporting Facilities		\$268,599.48
1130		Firm Point-to-Point Transmission Service		\$0.00
1140		Non-Firm Point-to-Point Transmission Service		\$0.00
1200		Day-ahead Spot Market Energy		(\$4,774,394.01)
1205		Balancing Spot Market Energy		(\$640,879.77)
1210		Day-ahead Transmission Congestion		\$65,554.22
1215		Balancing Transmission Congestion		\$113,127.34
1216		Pseudo-Tie Balancing Congestion Refund		\$2,357.71
1220		Day-ahead Transmission Losses		\$206,868.82
1225		Balancing Transmission Losses		\$27,468.04
1230		Inadvertent Interchange		\$1,670.07
1242		Day-Ahead Load Response Charge Allocation		\$5,113.83
1243		Real-Time Load Response Charge Allocation		\$331.94
1246		Load Response Test Reduction		\$13.80
1250		Meter Error Correction		(\$8.48)

PJM Settlement, Inc.
2750 Monroe Blvd.
Audubon, PA 19403

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BILLING PERIOD: 01/01/2024 to 01/31/2024

1301	PJM Scheduling, System Control and Dispatch Service - Control Area Administration	\$39,019.24
1302	PJM Scheduling, System Control and Dispatch Service - FTR Administration	\$60.02
1303	PJM Scheduling, System Control and Dispatch Service - Market Support	\$17,392.89
1305	PJM Scheduling, System Control and Dispatch Service - Capacity Resource/Obligation Mgmt.	\$5,717.10
1313	PJM Settlement, Inc.	\$1,178.71
1314	Market Monitoring Unit (MMU) Funding	\$3,476.10
1315	FERC Annual Recovery	\$23,553.53
1316	Organization of PJM States, Inc. (OPSI) Funding	\$209.99
1317	North American Electric Reliability Corporation (NERC)	\$3,569.78
1318	Reliability First Corporation (RFC)	\$5,162.18
1319	Consumer Advocates of PJM States, Inc. (CAPS)	\$104.99
1320	Transmission Owner Scheduling, System Control and Dispatch Service	\$38,900.08
1330	Reactive Supply and Voltage Control from Generation and Other Sources Service	\$86,721.30
1340	Regulation and Frequency Response Service	\$47,785.11
1360	Synchronized Reserve	\$10,752.45
1361	Secondary Reserve	\$318.41
1362	Non-Synchronized Reserve	(\$279.26)
1370	Day-ahead Operating Reserve	\$75,658.49
1371	Day-ahead Operating Reserve for Load Response	\$0.10

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BILLING PERIOD: 01/01/2024 to 01/31/2024

1375	Balancing Operating Reserve	\$50,201.83
1376	Balancing Operating Reserve for Load Response	(\$0.02)
1380	Black Start Service	\$14,412.76
1400	Load Reconciliation for Spot Market Energy	(\$626.44)
1410	Load Reconciliation for Transmission Congestion	\$519.94
1420	Load Reconciliation for Transmission Losses	\$86.30
1430	Load Reconciliation for Inadvertent Interchange	\$0.41
1440	Load Reconciliation for PJM Scheduling, System Control and Dispatch Service	(\$3.93)
1443	Load Reconciliation for PJM Settlement, Inc.	(\$0.03)
1444	Load Reconciliation for Market Monitoring Unit (MMU) Funding	(\$0.11)
1445	Load Reconciliation for FERC Annual Recovery	(\$1.20)
1446	Load Reconciliation for Organization of PJM States, Inc. (OPSI) Funding	(\$0.01)
1447	Load Reconciliation for North American Electric Reliability Corporation (NERC)	(\$0.24)
1448	Load Reconciliation for Reliability First Corporation (RFC)	(\$0.34)
1449	Load Reconciliation for Consumer Advocates of PJM States, Inc. (CAPS) Funding	(\$0.01)
1450	Load Reconciliation for Transmission Owner Scheduling, System Control and Dispatch Service	(\$2.84)
1460	Load Reconciliation for Regulation and Frequency Response Service	(\$3.17)
1470	Load Reconciliation for Synchronized Reserve	(\$8.07)
1471	Load Reconciliation for Secondary Reserve	(\$0.05)

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1472		Load Reconciliation for Non-Synchronized Reserve		(\$1.81)
1478		Load Reconciliation for Balancing Operating Reserve		(\$5.11)
1500		Financial Transmission Rights Auction		(\$1,933.78)
1600		RPM Auction		\$76,204.82
1610		Locational Reliability		\$550,621.69
1100	A	Network Integration Transmission Service	01/01/2024	\$3,379.62
1218	A	Planning Period Congestion Uplift	05/01/2022	\$0.63
1250	A	Meter Error Correction	11/01/2023	(\$82.72)
1250	A	Meter Error Correction	12/01/2023	(\$28.63)
1340	A	Regulation and Frequency Response Service	08/01/2022	(\$2.57)
1340	A	Regulation and Frequency Response Service	09/01/2022	(\$0.94)
1340	A	Regulation and Frequency Response Service	10/01/2023	\$3.34
1340	A	Regulation and Frequency Response Service	12/01/2023	\$0.71
1360	A	Synchronized Reserve	06/01/2023	\$0.81
1360	A	Synchronized Reserve	07/01/2023	\$0.45
1361	A	Secondary Reserve	09/01/2023	(\$3.61)
1362	A	Non-Synchronized Reserve	09/01/2023	(\$1.19)
1370	A	Day-ahead Operating Reserve	07/01/2022	(\$2.59)
1370	A	Day-ahead Operating Reserve	08/01/2022	(\$4.62)

PJM Settlement, Inc.
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1370	A	Day-ahead Operating Reserve	07/01/2023	\$0.01
1375	A	Balancing Operating Reserve	04/01/2022	\$4.61
1375	A	Balancing Operating Reserve	07/01/2022	(\$310.32)
1375	A	Balancing Operating Reserve	08/01/2022	(\$632.18)
1375	A	Balancing Operating Reserve	09/01/2022	(\$255.88)
1375	A	Balancing Operating Reserve	10/01/2022	(\$307.66)
1375	A	Balancing Operating Reserve	11/01/2022	(\$34.78)
1375	A	Balancing Operating Reserve	12/01/2022	(\$130.56)
1375	A	Balancing Operating Reserve	01/01/2023	(\$54.92)
1375	A	Balancing Operating Reserve	04/01/2023	(\$104.54)
1375	A	Balancing Operating Reserve	06/01/2023	\$109.35
1375	A	Balancing Operating Reserve	07/01/2023	(\$2.09)
1375	A	Balancing Operating Reserve	09/01/2023	(\$0.35)
1375	A	Balancing Operating Reserve	10/01/2023	\$570.65
1380	A	Black Start Service	10/01/2023	\$103.02
1957	A	Schedule 11A PJM Net	01/01/2024	\$3,980.44

Total Charges: (\$1,748,189.48)

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CREDITS	ADJ	BILLING LINE ITEM NAME	SOURCE BILLING PERIOD START	AMOUNT
2100		Network Integration Transmission Service		\$0.00
2108		Transmission Enhancement		\$55,624.91
2130		Firm Point-to-Point Transmission Service		\$36,110.24
2140		Non-Firm Point-to-Point Transmission Service		\$3,791.71
2211		Day-ahead Transmission Congestion		(\$11,973.77)
2215		Balancing Transmission Congestion		(\$75,972.83)
2220		Transmission Losses		\$96,292.09
2320		Transmission Owner Scheduling, System Control and Dispatch Service		\$0.00
2330		Reactive Supply and Voltage Control from Generation and Other Sources Service		\$41,781.22
2340		Regulation and Frequency Response Service		\$0.00
2360		Balancing Synchronized Reserve		\$4,036.56
2361		Balancing Secondary Reserve		\$0.00
2366		Day-ahead Synchronized Reserve		\$515.46
2367		Day-ahead Secondary Reserve		\$0.00
2368		Day-ahead Non-Synchronized Reserve		\$0.00
2370		Day-ahead Operating Reserve		\$0.00
2375		Balancing Operating Reserve		\$25,597.29
2380		Black Start Service		\$0.00

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2390		Fuel Cost Policy Penalty		\$2.39
2415		Balancing Transmission Congestion Load Reconciliation		\$65.71
2420		Load Reconciliation for Transmission Losses		(\$1.65)
2510		Auction Revenue Rights		\$114,759.83
2600		RPM Auction		\$462,782.26
2605		RPM Seasonal Capacity Performance Auction		\$24,546.42
2640		Incremental Capacity Transfer Rights		\$539.71
2661		Capacity Resource Deficiency		\$14,132.59
2681		FRR LSE Capacity Resource Deficiency		\$3,846.17
2140	A	Non-Firm Point-to-Point Transmission Service	10/01/2022	(\$11.55)
2140	A	Non-Firm Point-to-Point Transmission Service	03/01/2023	(\$5.77)
2140	A	Non-Firm Point-to-Point Transmission Service	04/01/2023	(\$12.98)
2140	A	Non-Firm Point-to-Point Transmission Service	05/01/2023	\$1.66
2140	A	Non-Firm Point-to-Point Transmission Service	06/01/2023	(\$1.19)
2140	A	Non-Firm Point-to-Point Transmission Service	09/01/2023	(\$5.48)
2140	A	Non-Firm Point-to-Point Transmission Service	10/01/2023	(\$0.17)
2140	A	Non-Firm Point-to-Point Transmission Service	12/01/2023	\$71.13
2211	A	Day-ahead Transmission Congestion	03/01/2022	(\$1.39)
2211	A	Day-ahead Transmission Congestion	05/01/2022	\$0.48

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2211	A	Day-ahead Transmission Congestion	07/01/2023	(\$0.03)
2211	A	Day-ahead Transmission Congestion	08/01/2023	(\$0.04)
2211	A	Day-ahead Transmission Congestion	12/01/2023	\$0.05
2215	A	Balancing Transmission Congestion	03/01/2022	\$0.36
2215	A	Balancing Transmission Congestion	05/01/2022	(\$101.51)
2215	A	Balancing Transmission Congestion	06/01/2023	\$26.11
2215	A	Balancing Transmission Congestion	07/01/2023	(\$31.08)
2215	A	Balancing Transmission Congestion	08/01/2023	\$21.44
2215	A	Balancing Transmission Congestion	12/01/2023	(\$0.18)
2218	A	Planning Period Congestion Uplift	05/01/2022	\$0.91
2220	A	Transmission Losses	03/01/2022	(\$0.34)
2220	A	Transmission Losses	05/01/2022	(\$5.00)
2220	A	Transmission Losses	06/01/2023	(\$1.57)
2220	A	Transmission Losses	07/01/2023	\$10.66
2220	A	Transmission Losses	08/01/2023	\$10.88
2220	A	Transmission Losses	12/01/2023	\$0.32

Total Credits: \$796,442.03



Memorandum

To: Brian Groth

From: Troy Fodor

Date: May 9, 2025

Re: IMEA - PJM Billing Explanation - February 2024

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* Line items 1210 (Day-ahead Transmission Congestion) and 1215 (Balancing Transmission Congestion) are manually split by IMEA between transmission and energy. The portion of the congestion costs or credits related to the delivery of Prairie State from MISO to PJM are captured and tracked by IMEA as energy related costs. The remainder of the congestion costs or credits are transmission related. The Prairie State related congestion costs or credits are determined based on the financial settlement of flows of electricity between PJM and MISO. IMEA calculates these amounts for the Day-ahead market and the Real-time market as follows: PJM's congestion portion of the locational marginal price (LMP) at the Prairie State node is subtracted from PJM's congestion portion of the LMP at the Naperville node. There are no similar congestion costs or credits for delivery of Trimble County energy from LG&E to PJM.

The portion of line items 1210 and 1215 that are transmission related costs/credits for February 2024 are \$186,633.54 and \$2,787.10, respectively.

For IMEA CY24 Network Integration Transmission Service and Other Supporting Facilities represent ~82.5% of the IMEA PJM transmission costs. Reactive Supply and Voltage Control represents ~3.9% of the IMEA PJM transmission costs. Transmission Enhancement charges and credits represent ~3.7% of the IMEA transmission costs. Day-Ahead, Balancing Transmission Congestion, Auction Revenue Rights, Financial Transmission Rights and Transmission related energy costs/credits represent ~6.2% of the IMEA transmission costs. PJM and Transmission Owner Scheduling, System Control and Dispatch, Regulation and Frequency Response and Black Start represents ~6.5% of the IMEA PJM transmission costs. There is a credit of 1.0% for Point to Point and a credit of 1.8%

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1215 (partial)*	1313	1361	1420	1449	2361	2980
1220	1314	1362	1430	1470	2366	
1225	1315	1365	1443	1471	2367	
1230	1316	1370	1444	1472	2368	
1242	1317	1371	1445	1478	2370	

* Line items 1210 and 1215 are manually split by IMEA between energy and transmission. See explanation of the determination of the split noted above.

The portion of line items 1210 and 1215 that are energy related costs/credits for February 2024 are negative \$129,792.88 and positive \$454.48, respectively.

We understand that you may provide this to one or more of your municipal electric customers and that the statements may be posted to the internet. While we would prefer that the IMEA PJM billing statements not be posted to the internet due to the high potential of the documents being misunderstood or misstated, if they are to be provided to members of the public that intend to post them, we ask that this memo be posted with the billing statements.

Illinois Municipal Electric Agency
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Illinois Municipal Utilities Association
www.imea.org

INVOICE NUMBER: 2024022907162

CUSTOMER ACCOUNT: Illinois Municipal Electric Agency

CUSTOMER IDENTIFIERS: [REDACTED]

FINAL BILLING STATEMENT ISSUED: 03/07/2024 08:43:23

BILLING PERIOD: 02/01/2024 to 02/29/2024

Monthly Billing Total: (\$905,994.70)

Previous Weekly Billing Total: (\$753,580.48)

Monthly Billing Statement Summary		Total
Total Net Credit to You. Please Do Not Pay		\$152,414.22

TERMS: PAYABLE IN FULL BY 12:00 PM EPT ON 2024-03-15

Fed Wire/ACH Bank Instructions: PJM Settlement, Inc.

[REDACTED]
[REDACTED]
[REDACTED]

FOR INQUIRIES CONTACT:

PJM MEMBER RELATIONS (Banking / Payment): custsvc@pjm.com (866) 400-8980

PJM MARKET SETTLEMENTS (Billing Line Items): mrkt_settlement_ops@pjm.com (866) 400-8980

ADDITIONAL BILLING STATEMENT INFORMATION:

This cover page includes PJM Settlement, Inc. banking information that is NOT to be publicly shared. In order to reduce the risk of potential fraud, please redact any PJM Settlement banking information prior to including these billing statements in any public documents.

Stephen Lawson
President

CUSTOMER ACCOUNT: Illinois Municipal Electric Agency

CUSTOMER IDENTIFIERS 

FINAL BILLING STATEMENT ISSUED: 03/07/2024 08:43:23

BILLING PERIOD: 02/01/2024 to 02/29/2024

CHARGES	ADJ	BILLING LINE ITEM NAME	SOURCE BILLING PERIOD START	AMOUNT
1100		Network Integration Transmission Service		\$1,589,230.45
1108		Transmission Enhancement		\$161,430.42
1115		Transmission Enhancement Settlement (EL05-121-009)		(\$26,604.53)
1120		Other Supporting Facilities		\$268,599.48
1130		Firm Point-to-Point Transmission Service		\$0.00
1140		Non-Firm Point-to-Point Transmission Service		\$0.00
1200		Day-ahead Spot Market Energy		(\$2,426,704.75)
1205		Balancing Spot Market Energy		(\$159,836.57)
1210		Day-ahead Transmission Congestion		\$56,840.66
1215		Balancing Transmission Congestion		\$3,241.58
1216		Pseudo-Tie Balancing Congestion Refund		\$2,951.65
1220		Day-ahead Transmission Losses		\$81,254.19
1225		Balancing Transmission Losses		\$10,041.88
1230		Inadvertent Interchange		(\$83.16)
1242		Day-Ahead Load Response Charge Allocation		\$238.22
1243		Real-Time Load Response Charge Allocation		\$16.05
1250		Meter Error Correction		\$6.95
1301		PJM Scheduling, System Control and Dispatch Service - Control Area Administration		\$36,338.44

PJM Settlement, Inc.
2750 Monroe Blvd.
Audubon, PA 19403

CUSTOMER ACCOUNT: Illinois Municipal Electric Agency

CUSTOMER IDENTIFIERS [REDACTED]

FINAL BILLING STATEMENT ISSUED: 03/07/2024 08:43:23

BILLING PERIOD: 02/01/2024 to 02/29/2024

1302	PJM Scheduling, System Control and Dispatch Service - FTR Administration	\$55.58
1303	PJM Scheduling, System Control and Dispatch Service - Market Support	\$15,914.83
1305	PJM Scheduling, System Control and Dispatch Service - Capacity Resource/Obligation Mgmt.	\$5,399.51
1313	PJM Settlement, Inc.	\$1,082.46
1314	Market Monitoring Unit (MMU) Funding	\$2,839.67
1315	FERC Annual Recovery	\$19,664.35
1316	Organization of PJM States, Inc. (OPSI) Funding	\$175.31
1317	North American Electric Reliability Corporation (NERC)	\$2,980.33
1318	Reliability First Corporation (RFC)	\$4,309.79
1319	Consumer Advocates of PJM States, Inc. (CAPS)	\$87.66
1320	Transmission Owner Scheduling, System Control and Dispatch Service	\$32,476.86
1330	Reactive Supply and Voltage Control from Generation and Other Sources Service	\$88,462.76
1340	Regulation and Frequency Response Service	\$22,037.86
1360	Synchronized Reserve	\$7,839.21
1361	Secondary Reserve	\$214.82
1362	Non-Synchronized Reserve	\$715.42
1370	Day-ahead Operating Reserve	\$2,368.00
1375	Balancing Operating Reserve	\$8,657.07
1376	Balancing Operating Reserve for Load Response	(\$0.02)

CUSTOMER ACCOUNT: Illinois Municipal Electric Agency

CUSTOMER IDENTIFIERS 

FINAL BILLING STATEMENT ISSUED: 03/07/2024 08:43:23

BILLING PERIOD: 02/01/2024 to 02/29/2024

1380	Black Start Service	\$14,735.19
1400	Load Reconciliation for Spot Market Energy	\$3,984.75
1410	Load Reconciliation for Transmission Congestion	\$10.72
1420	Load Reconciliation for Transmission Losses	(\$47.11)
1430	Load Reconciliation for Inadvertent Interchange	\$1.27
1440	Load Reconciliation for PJM Scheduling, System Control and Dispatch Service	\$29.36
1443	Load Reconciliation for PJM Settlement, Inc.	\$0.24
1444	Load Reconciliation for Market Monitoring Unit (MMU) Funding	\$0.69
1445	Load Reconciliation for FERC Annual Recovery	\$8.50
1446	Load Reconciliation for Organization of PJM States, Inc. (OPSI) Funding	\$0.10
1447	Load Reconciliation for North American Electric Reliability Corporation (NERC)	\$1.69
1448	Load Reconciliation for Reliability First Corporation (RFC)	\$2.44
1449	Load Reconciliation for Consumer Advocates of PJM States, Inc. (CAPS) Funding	\$0.05
1450	Load Reconciliation for Transmission Owner Scheduling, System Control and Dispatch Service	\$20.15
1460	Load Reconciliation for Regulation and Frequency Response Service	\$24.27
1470	Load Reconciliation for Synchronized Reserve	\$8.42
1471	Load Reconciliation for Secondary Reserve	\$0.60
1472	Load Reconciliation for Non-Synchronized Reserve	\$1.24
1478	Load Reconciliation for Balancing Operating Reserve	\$7.35

CUSTOMER ACCOUNT: Illinois Municipal Electric Agency

CUSTOMER IDENTIFIERS [REDACTED]

FINAL BILLING STATEMENT ISSUED: 03/07/2024 08:43:23

BILLING PERIOD: 02/01/2024 to 02/29/2024

1500		Financial Transmission Rights Auction		(\$1,809.02)
1600		RPM Auction		\$71,288.38
1610		Locational Reliability		\$515,097.71
1100	A	Network Integration Transmission Service	02/01/2024	\$3,379.62
1250	A	Meter Error Correction	01/01/2024	(\$79.22)
1314	A	Market Monitoring Unit (MMU) Funding	01/01/2024	(\$95.15)
1340	A	Regulation and Frequency Response Service	11/01/2023	\$11.62
1340	A	Regulation and Frequency Response Service	12/01/2023	\$3.86
1340	A	Regulation and Frequency Response Service	01/01/2024	\$2.15
1360	A	Synchronized Reserve	12/01/2022	\$0.16
1360	A	Synchronized Reserve	10/01/2023	(\$0.19)
1360	A	Synchronized Reserve	11/01/2023	(\$63.94)
1360	A	Synchronized Reserve	12/01/2023	(\$49.52)
1360	A	Synchronized Reserve	01/01/2024	(\$1.22)
1361	A	Secondary Reserve	10/01/2023	(\$2.11)
1362	A	Non-Synchronized Reserve	12/01/2022	(\$0.55)
1362	A	Non-Synchronized Reserve	10/01/2023	(\$14.22)
1365	A	Day-ahead Scheduling Reserve	01/01/2022	(\$17.54)
1365	A	Day-ahead Scheduling Reserve	02/01/2022	(\$3.32)

PJM Settlement, Inc.
2750 Monroe Blvd.
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BILLING PERIOD: 02/01/2024 to 02/29/2024

1365	A	Day-ahead Scheduling Reserve	03/01/2022	(\$13.46)
1365	A	Day-ahead Scheduling Reserve	04/01/2022	(\$2.38)
1365	A	Day-ahead Scheduling Reserve	05/01/2022	(\$173.21)
1365	A	Day-ahead Scheduling Reserve	06/01/2022	(\$256.05)
1365	A	Day-ahead Scheduling Reserve	07/01/2022	(\$478.87)
1365	A	Day-ahead Scheduling Reserve	08/01/2022	(\$184.98)
1365	A	Day-ahead Scheduling Reserve	09/01/2022	(\$62.92)
1375	A	Balancing Operating Reserve	05/01/2022	\$0.52
1375	A	Balancing Operating Reserve	07/01/2022	(\$229.26)
1375	A	Balancing Operating Reserve	08/01/2022	(\$70.48)
1375	A	Balancing Operating Reserve	09/01/2022	(\$75.42)
1375	A	Balancing Operating Reserve	10/01/2022	(\$38.11)
1375	A	Balancing Operating Reserve	11/01/2022	(\$42.92)
1375	A	Balancing Operating Reserve	12/01/2022	(\$2,238.76)
1375	A	Balancing Operating Reserve	01/01/2023	(\$104.24)
1375	A	Balancing Operating Reserve	02/01/2023	(\$29.43)
1375	A	Balancing Operating Reserve	05/01/2023	(\$76.68)
1375	A	Balancing Operating Reserve	10/01/2023	(\$5.36)
1375	A	Balancing Operating Reserve	11/01/2023	(\$30.58)

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FINAL BILLING STATEMENT ISSUED: 03/07/2024 08:43:23

BILLING PERIOD: 02/01/2024 to 02/29/2024

1375	A	Balancing Operating Reserve	12/01/2023	(\$0.27)
1375	A	Balancing Operating Reserve	01/01/2024	\$1.48
1667	A	Non-Performance	03/01/2023	(\$365,776.90)
1667	A	Non-Performance	04/01/2023	(\$365,776.90)
1667	A	Non-Performance	05/01/2023	(\$365,776.90)
Total Charges:				(\$682,762.23)

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BILLING PERIOD: 02/01/2024 to 02/29/2024

CREDITS	ADJ	BILLING LINE ITEM NAME	SOURCE BILLING PERIOD START	AMOUNT
2100		Network Integration Transmission Service		\$0.00
2108		Transmission Enhancement		\$55,624.91
2130		Firm Point-to-Point Transmission Service		\$16,853.68
2140		Non-Firm Point-to-Point Transmission Service		\$2,957.04
2211		Day-ahead Transmission Congestion		(\$2,730.71)
2215		Balancing Transmission Congestion		(\$32,649.90)
2220		Transmission Losses		\$35,297.65
2320		Transmission Owner Scheduling, System Control and Dispatch Service		\$0.00
2330		Reactive Supply and Voltage Control from Generation and Other Sources Service		\$41,781.22
2340		Regulation and Frequency Response Service		\$0.00
2360		Balancing Synchronized Reserve		\$2,093.94
2361		Balancing Secondary Reserve		\$0.00
2366		Day-ahead Synchronized Reserve		\$5,124.29
2367		Day-ahead Secondary Reserve		\$0.00
2368		Day-ahead Non-Synchronized Reserve		\$0.00
2370		Day-ahead Operating Reserve		\$0.00
2375		Balancing Operating Reserve		\$14,774.35
2380		Black Start Service		\$0.00

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CUSTOMER ACCOUNT: Illinois Municipal Electric Agency

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FINAL BILLING STATEMENT ISSUED: 03/07/2024 08:43:23

BILLING PERIOD: 02/01/2024 to 02/29/2024

2415		Balancing Transmission Congestion Load Reconciliation		\$6.63
2420		Load Reconciliation for Transmission Losses		\$14.30
2510		Auction Revenue Rights		\$107,355.97
2600		RPM Auction		\$432,925.34
2605		RPM Seasonal Capacity Performance Auction		\$22,962.78
2640		Incremental Capacity Transfer Rights		\$504.89
2661		Capacity Resource Deficiency		\$13,678.43
2681		FRR LSE Capacity Resource Deficiency		\$3,570.48
2140	A	Non-Firm Point-to-Point Transmission Service	01/01/2024	\$12.02
2211	A	Day-ahead Transmission Congestion	01/01/2024	\$0.01
2215	A	Balancing Transmission Congestion	01/01/2024	(\$390.94)
2390	A	Fuel Cost Policy Penalty	01/01/2024	\$393.68
2661	A	Capacity Resource Deficiency	04/01/2023	\$40.80
2661	A	Capacity Resource Deficiency	05/01/2023	\$304.40
2661	A	Capacity Resource Deficiency	11/01/2023	\$3.12
2661	A	Capacity Resource Deficiency	12/01/2023	\$54.90
2661	A	Capacity Resource Deficiency	01/01/2024	\$48.36
2662	A	Generation Resource Rating Test Failure	06/01/2023	\$9.68
2667	A	Bonus Performance	03/01/2023	(\$375,072.10)

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FINAL BILLING STATEMENT ISSUED: 03/07/2024 08:43:23

BILLING PERIOD: 02/01/2024 to 02/29/2024

2667	A	Bonus Performance	04/01/2023	(\$375,072.68)
2667	A	Bonus Performance	05/01/2023	(\$375,072.71)
2667	A	Bonus Performance	06/01/2023	(\$162,438.39)
2667	A	Bonus Performance	07/01/2023	(\$162,439.68)
2667	A	Bonus Performance	08/01/2023	(\$100,017.83)
2667	A	Bonus Performance	09/01/2023	\$365,956.24
2667	A	Bonus Performance	10/01/2023	\$365,956.24
2667	A	Bonus Performance	11/01/2023	\$320,812.06

Total Credits: \$223,232.47



Memorandum

To: Brian Groth

From: Troy Fodor

Date: May 9, 2025

Re: IMEA - PJM Billing Explanation - March 2024

You have asked that IMEA share copies of the monthly billing statements we receive from PJM Settlement, Inc. for calendar year 2024 (CY24). We are willing to share the monthly statements, but a certain amount of explanation is required.

The PJM billing statement has numerous line items with no descriptions other than the line item's title, and the statement contains charges and credits for all PJM transactions, including transmission, ancillary services, capacity, energy, and PJM administrative charges for all IMEA members located in the PJM region. The monthly bill to Naperville from IMEA breaks out and aggregates the charges and credits from PJM. It should also be noted that roughly half of IMEA's load is located in MISO and that the PJM and MISO costs are aggregated together and socialized among all IMEA members in IMEA's postage stamp rates.

The purpose of this memo is to provide a list of the line items from the PJM billing statements that are included in either transmission, capacity or energy for purposes of IMEA's bill to Members. Additional information about PJM's billing statements can be found on the PJM website. See for example, [*Customer Guide to PJM Billing*](#), which gives a fuller description of each line item.

The PJM billing statement for the March 2024 billing period is attached hereto.

Transmission

Network Integrated Transmission Service (NITS) from PJM includes the charges based on ComEd's formula rate to recover ComEd's investment in its transmission system and its operating expenses. While NITS charges are the largest transmission

related cost, there are many other transmission related charges from PJM that are not included in NITS. The line items on the PJM billing statement that are tracked as transmission related are the following (there may be other line items properly tracked as transmission related that appear infrequently or that show a zero balance on a given month's bill):

1100	1140	1301	1330	1450	2130	2218	2415
1108	1210 (partial)*	1302	1340	1460	2140	2320	2510
1115	1215 (partial)*	1303	1380	1500	2211	2330	
1120	1216	1305	1410	2100	2215	2340	
1130	1218	1320	1440	2108	2217	2380	

* Line items 1210 (Day-ahead Transmission Congestion) and 1215 (Balancing Transmission Congestion) are manually split by IMEA between transmission and energy. The portion of the congestion costs or credits related to the delivery of Prairie State from MISO to PJM are captured and tracked by IMEA as energy related costs. The remainder of the congestion costs or credits are transmission related. The Prairie State related congestion costs or credits are determined based on the financial settlement of flows of electricity between PJM and MISO. IMEA calculates these amounts for the Day-ahead market and the Real-time market as follows: PJM's congestion portion of the locational marginal price (LMP) at the Prairie State node is subtracted from PJM's congestion portion of the LMP at the Naperville node. There are no similar congestion costs or credits for delivery of Trimble County energy from LG&E to PJM.

The portion of line items 1210 and 1215 that are transmission related costs/credits for March 2024 are positive \$505,995.22 and negative \$11,717.43, respectively.

For IMEA CY24 Network Integration Transmission Service and Other Supporting Facilities represent ~82.5% of the IMEA PJM transmission costs. Reactive Supply and Voltage Control represents ~3.9% of the IMEA PJM transmission costs. Transmission Enhancement charges and credits represent ~3.7% of the IMEA transmission costs. Day-Ahead, Balancing Transmission Congestion, Auction Revenue Rights, Financial Transmission Rights and Transmission related energy costs/credits represent ~6.2% of the IMEA transmission costs. PJM and Transmission Owner Scheduling, System Control and Dispatch, Regulation and Frequency Response and Black Start represents ~6.5% of the IMEA PJM transmission costs. There is a credit of 1.0% for Point to Point and a credit of 1.8%

for Reactive Supply and Voltage support. These percentages change from year to year, but the general composition of the charges/credits should remain proportional from year to year.

Capacity

PJM controls the capacity market for its region. Capacity is basically the ability of a generating resource to produce electricity at any time when called; 24x7x365. PJM models the loads and available generation for the region as a whole and for certain individual Local Deliverability Areas (LDAs) that have historically been constrained, which in recent years has included the ComEd zone. The general design of this market is a 3-year forward auction construct. It consists of a Base Residual Auction and 3 Incremental Auctions for each Delivery Year. The 3-year forward aspect has been compressed in recent years due to previous auctions having been delayed and some of the Incremental Auctions have not been held. PJM does not own any generating resources, but it requires the generating resources that are connected to the transmission system that it controls (or pseudo-tied into its region) to bid into the capacity auctions, and if they get approved in the auctions, they are required to bid into the energy market every day. PJM charges load serving entities for capacity and pays generating resources that got approved for payment in the auctions for providing that capacity. The line items on the PJM billing statement that are tracked as capacity related are the following (there may be other line items properly tracked as capacity related that appear infrequently or that show a zero balance on a given month's bill):

1600	1667	2605	2661	2666	2681
1610	2600	2640	2662	2667	

Energy

PJM controls the energy markets in its region. It requires generating resources to bid into the energy markets every 5 minutes of every day; 24x7x365. **PJM dispatches the least cost generating units that are selected from the bids for every 5 minutes of every day.** PJM charges load serving entities for energy and pays generating resources for energy delivered to the grid. The line items on the PJM billing statement that are tracked as energy related are the following (there may be other line items properly tracked as energy related that appear infrequently or that show a zero balance on a given month's bill):

1200	1243	1318	1375	1446	1957	2375
1205	1246	1319	1376	1447	2220	2390
1210 (partial)*	1250	1360	1400	1448	2360	2420
1215 (partial)*	1313	1361	1420	1449	2361	2980
1220	1314	1362	1430	1470	2366	
1225	1315	1365	1443	1471	2367	
1230	1316	1370	1444	1472	2368	
1242	1317	1371	1445	1478	2370	

* Line items 1210 and 1215 are manually split by IMEA between energy and transmission. See explanation of the determination of the split noted above.

The portion of line items 1210 and 1215 that are energy related costs/credits for March 2024 are negative \$315,590.14 and negative \$43,973.81, respectively.

We understand that you may provide this to one or more of your municipal electric customers and that the statements may be posted to the internet. While we would prefer that the IMEA PJM billing statements not be posted to the internet due to the high potential of the documents being misunderstood or misstated, if they are to be provided to members of the public that intend to post them, we ask that this memo be posted with the billing statements.

Illinois Municipal Electric Agency
Illinois Public Energy Agency
Illinois Municipal Utilities Association
www.imea.org

INVOICE NUMBER: 2024033107162

CUSTOMER ACCOUNT: Illinois Municipal Electric Agency

CUSTOMER IDENTIFIERS: [REDACTED]

FINAL BILLING STATEMENT ISSUED: 04/05/2024 08:32:08

BILLING PERIOD: 03/01/2024 to 03/31/2024

Monthly Billing Total: (\$613,872.21)

Previous Weekly Billing Total: (\$976,314.83)

Monthly Billing Statement Summary		Total
Total Net Charge. Please Pay This Amount.		\$362,442.62

TERMS: PAYABLE IN FULL BY 12:00 PM EPT ON 2024-04-12

Fed Wire/ACH Bank Instructions: PJM Settlement, Inc.

[REDACTED]
[REDACTED]
[REDACTED]
[REDACTED]

FOR INQUIRIES CONTACT:

PJM MEMBER RELATIONS (Banking / Payment): custsvc@pjm.com (866) 400-8980

PJM MARKET SETTLEMENTS (Billing Line Items): mrkt_settlement_ops@pjm.com (866) 400-8980

ADDITIONAL BILLING STATEMENT INFORMATION:

This cover page includes PJM Settlement, Inc. banking information that is NOT to be publicly shared. In order to reduce the risk of potential fraud, please redact any PJM Settlement banking information prior to including these billing statements in any public documents.

Stephen Lawson
President

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CUSTOMER IDENTIFIERS 

FINAL BILLING STATEMENT ISSUED: 04/05/2024 08:32:08

BILLING PERIOD: 03/01/2024 to 03/31/2024

CHARGES	ADJ	BILLING LINE ITEM NAME	SOURCE BILLING PERIOD START	AMOUNT
1100		Network Integration Transmission Service		\$1,698,832.55
1108		Transmission Enhancement		\$161,430.42
1115		Transmission Enhancement Settlement (EL05-121-009)		(\$26,604.53)
1120		Other Supporting Facilities		\$268,599.48
1130		Firm Point-to-Point Transmission Service		\$0.00
1140		Non-Firm Point-to-Point Transmission Service		\$0.00
1200		Day-ahead Spot Market Energy		(\$3,195,389.48)
1205		Balancing Spot Market Energy		\$94,389.47
1210		Day-ahead Transmission Congestion		\$190,405.08
1215		Balancing Transmission Congestion		(\$55,691.24)
1216		Pseudo-Tie Balancing Congestion Refund		(\$766.30)
1220		Day-ahead Transmission Losses		\$111,906.78
1225		Balancing Transmission Losses		(\$3,482.39)
1230		Inadvertent Interchange		(\$259.38)
1242		Day-Ahead Load Response Charge Allocation		\$305.67
1243		Real-Time Load Response Charge Allocation		\$7.71
1250		Meter Error Correction		\$288.25
1301		PJM Scheduling, System Control and Dispatch Service - Control Area Administration		\$43,919.13

PJM Settlement, Inc.
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Audubon, PA 19403

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CUSTOMER IDENTIFIERS 

FINAL BILLING STATEMENT ISSUED: 04/05/2024 08:32:08

BILLING PERIOD: 03/01/2024 to 03/31/2024

1302	PJM Scheduling, System Control and Dispatch Service - FTR Administration	\$64.54
1303	PJM Scheduling, System Control and Dispatch Service - Market Support	\$21,231.77
1305	PJM Scheduling, System Control and Dispatch Service - Capacity Resource/Obligation Mgmt.	\$6,450.91
1313	PJM Settlement, Inc.	\$1,327.59
1314	Market Monitoring Unit (MMU) Funding	\$3,089.59
1315	FERC Annual Recovery	\$19,648.46
1316	Organization of PJM States, Inc. (OPSI) Funding	\$175.17
1317	North American Electric Reliability Corporation (NERC)	\$2,977.92
1318	Reliability First Corporation (RFC)	\$4,306.31
1319	Consumer Advocates of PJM States, Inc. (CAPS)	\$87.59
1320	Transmission Owner Scheduling, System Control and Dispatch Service	\$32,450.60
1330	Reactive Supply and Voltage Control from Generation and Other Sources Service	\$89,764.93
1340	Regulation and Frequency Response Service	\$27,358.62
1360	Synchronized Reserve	\$15,243.98
1361	Secondary Reserve	\$280.52
1362	Non-Synchronized Reserve	\$1,572.61
1370	Day-ahead Operating Reserve	\$2,120.72
1375	Balancing Operating Reserve	\$16,792.32
1376	Balancing Operating Reserve for Load Response	(\$0.39)

CUSTOMER ACCOUNT: Illinois Municipal Electric Agency

CUSTOMER IDENTIFIERS 

FINAL BILLING STATEMENT ISSUED: 04/05/2024 08:32:08

BILLING PERIOD: 03/01/2024 to 03/31/2024

1380	Black Start Service	\$14,734.78
1400	Load Reconciliation for Spot Market Energy	(\$799.32)
1410	Load Reconciliation for Transmission Congestion	\$47.24
1420	Load Reconciliation for Transmission Losses	\$56.59
1430	Load Reconciliation for Inadvertent Interchange	\$0.46
1440	Load Reconciliation for PJM Scheduling, System Control and Dispatch Service	(\$7.48)
1443	Load Reconciliation for PJM Settlement, Inc.	(\$0.06)
1444	Load Reconciliation for Market Monitoring Unit (MMU) Funding	(\$0.19)
1445	Load Reconciliation for FERC Annual Recovery	(\$3.88)
1446	Load Reconciliation for Organization of PJM States, Inc. (OPSI) Funding	(\$0.03)
1447	Load Reconciliation for North American Electric Reliability Corporation (NERC)	(\$0.59)
1448	Load Reconciliation for Reliability First Corporation (RFC)	(\$0.85)
1449	Load Reconciliation for Consumer Advocates of PJM States, Inc. (CAPS) Funding	(\$0.02)
1450	Load Reconciliation for Transmission Owner Scheduling, System Control and Dispatch Service	(\$6.41)
1460	Load Reconciliation for Regulation and Frequency Response Service	(\$5.92)
1470	Load Reconciliation for Synchronized Reserve	\$0.43
1471	Load Reconciliation for Secondary Reserve	\$0.05
1472	Load Reconciliation for Non-Synchronized Reserve	\$0.14
1478	Load Reconciliation for Balancing Operating Reserve	(\$2.69)

PJM Settlement, Inc.
2750 Monroe Blvd.
Audubon, PA 19403

CUSTOMER ACCOUNT: Illinois Municipal Electric Agency

CUSTOMER IDENTIFIERS 

FINAL BILLING STATEMENT ISSUED: 04/05/2024 08:32:08

BILLING PERIOD: 03/01/2024 to 03/31/2024

1500		Financial Transmission Rights Auction		(\$1,933.78)
1600		RPM Auction		\$76,204.82
1610		Locational Reliability		\$550,621.69
1100	A	Network Integration Transmission Service	03/01/2024	\$3,379.62
1250	A	Meter Error Correction	02/01/2024	\$3.01
1301	A	PJM Scheduling, System Control and Dispatch Service - Control Area Administration	12/01/2023	\$4,051.15
1302	A	PJM Scheduling, System Control and Dispatch Service - FTR Administration	12/01/2023	\$6.35
1303	A	PJM Scheduling, System Control and Dispatch Service - Market Support	12/01/2023	\$1,866.01
1305	A	PJM Scheduling, System Control and Dispatch Service - Capacity Resource/Obligation Mgmt.	12/01/2023	\$645.57
1313	A	PJM Settlement, Inc.	12/01/2023	\$128.10
1340	A	Regulation and Frequency Response Service	12/01/2023	\$4.30
1360	A	Synchronized Reserve	11/01/2023	(\$0.28)
1360	A	Synchronized Reserve	02/01/2024	(\$979.50)
1361	A	Secondary Reserve	11/01/2023	(\$16.32)
1362	A	Non-Synchronized Reserve	01/01/2023	(\$0.08)
1362	A	Non-Synchronized Reserve	02/01/2023	(\$0.04)
1362	A	Non-Synchronized Reserve	03/01/2023	(\$0.10)
1362	A	Non-Synchronized Reserve	04/01/2023	(\$0.70)
1362	A	Non-Synchronized Reserve	11/01/2023	(\$0.26)

PJM Settlement, Inc.
2750 Monroe Blvd.
Audubon, PA 19403

CUSTOMER ACCOUNT: Illinois Municipal Electric Agency

CUSTOMER IDENTIFIERS [REDACTED]

FINAL BILLING STATEMENT ISSUED: 04/05/2024 08:32:08

BILLING PERIOD: 03/01/2024 to 03/31/2024

1375	A	Balancing Operating Reserve	11/01/2023	(\$34.61)
1375	A	Balancing Operating Reserve	12/01/2023	(\$12.58)
1375	A	Balancing Operating Reserve	02/01/2024	(\$0.08)

Total Charges: \$180,779.52

PJM Settlement, Inc.
2750 Monroe Blvd.
Audubon, PA 19403

CUSTOMER ACCOUNT: Illinois Municipal Electric Agency

CUSTOMER IDENTIFIERS 

FINAL BILLING STATEMENT ISSUED: 04/05/2024 08:32:08

BILLING PERIOD: 03/01/2024 to 03/31/2024

CREDITS	ADJ	BILLING LINE ITEM NAME	SOURCE BILLING PERIOD START	AMOUNT
2100		Network Integration Transmission Service		\$0.00
2108		Transmission Enhancement		\$55,624.91
2130		Firm Point-to-Point Transmission Service		\$14,942.33
2140		Non-Firm Point-to-Point Transmission Service		\$3,068.72
2211		Day-ahead Transmission Congestion		(\$9,724.94)
2215		Balancing Transmission Congestion		(\$70,530.37)
2220		Transmission Losses		\$32,575.63
2320		Transmission Owner Scheduling, System Control and Dispatch Service		\$0.00
2330		Reactive Supply and Voltage Control from Generation and Other Sources Service		\$41,781.22
2340		Regulation and Frequency Response Service		\$0.00
2360		Balancing Synchronized Reserve		\$16,098.78
2361		Balancing Secondary Reserve		\$0.00
2366		Day-ahead Synchronized Reserve		\$18,694.32
2367		Day-ahead Secondary Reserve		\$0.00
2368		Day-ahead Non-Synchronized Reserve		\$0.00
2370		Day-ahead Operating Reserve		\$0.00
2375		Balancing Operating Reserve		\$23,208.37
2380		Black Start Service		\$0.00

PJM Settlement, Inc.
2750 Monroe Blvd.
Audubon, PA 19403

CUSTOMER ACCOUNT: Illinois Municipal Electric Agency

CUSTOMER IDENTIFIERS 

FINAL BILLING STATEMENT ISSUED: 04/05/2024 08:32:08

BILLING PERIOD: 03/01/2024 to 03/31/2024

2415		Balancing Transmission Congestion Load Reconciliation		\$4.95
2420		Load Reconciliation for Transmission Losses		(\$10.83)
2510		Auction Revenue Rights		\$114,759.83
2600		RPM Auction		\$462,782.26
2605		RPM Seasonal Capacity Performance Auction		\$24,546.42
2640		Incremental Capacity Transfer Rights		\$539.71
2661		Capacity Resource Deficiency		\$14,604.61
2681		FRR LSE Capacity Resource Deficiency		\$3,816.72
2140	A	Non-Firm Point-to-Point Transmission Service	02/01/2024	\$52.96
2211	A	Day-ahead Transmission Congestion	02/01/2024	(\$0.02)
2390	A	Fuel Cost Policy Penalty	02/01/2024	\$146.88
2667	A	Bonus Performance	11/01/2023	\$47,669.27
Total Credits:				\$794,651.73



Memorandum

To: Brian Groth

From: Troy Fodor

Date: May 12, 2025

Re: IMEA - PJM Billing Explanation - April 2024

You have asked that IMEA share copies of the monthly billing statements we receive from PJM Settlement, Inc. for calendar year 2024 (CY24). We are willing to share the monthly statements, but a certain amount of explanation is required.

The PJM billing statement has numerous line items with no descriptions other than the line item's title, and the statement contains charges and credits for all PJM transactions, including transmission, ancillary services, capacity, energy, and PJM administrative charges for all IMEA members located in the PJM region. The monthly bill to Naperville from IMEA breaks out and aggregates the charges and credits from PJM. It should also be noted that roughly half of IMEA's load is located in MISO and that the PJM and MISO costs are aggregated together and socialized among all IMEA members in IMEA's postage stamp rates.

The purpose of this memo is to provide a list of the line items from the PJM billing statements that are included in either transmission, capacity or energy for purposes of IMEA's bill to Members. Additional information about PJM's billing statements can be found on the PJM website. See for example, [*Customer Guide to PJM Billing*](#), which gives a fuller description of each line item.

The PJM billing statement for the April 2024 billing period is attached hereto.

Transmission

Network Integrated Transmission Service (NITS) from PJM includes the charges based on ComEd's formula rate to recover ComEd's investment in its transmission system and its operating expenses. While NITS charges are the largest transmission

related cost, there are many other transmission related charges from PJM that are not included in NITS. The line items on the PJM billing statement that are tracked as transmission related are the following (there may be other line items properly tracked as transmission related that appear infrequently or that show a zero balance on a given month's bill):

1100	1140	1301	1330	1450	2130	2218	2415
1108	1210 (partial)*	1302	1340	1460	2140	2320	2510
1115	1215 (partial)*	1303	1380	1500	2211	2330	
1120	1216	1305	1410	2100	2215	2340	
1130	1218	1320	1440	2108	2217	2380	

* Line items 1210 (Day-ahead Transmission Congestion) and 1215 (Balancing Transmission Congestion) are manually split by IMEA between transmission and energy. The portion of the congestion costs or credits related to the delivery of Prairie State from MISO to PJM are captured and tracked by IMEA as energy related costs. The remainder of the congestion costs or credits are transmission related. The Prairie State related congestion costs or credits are determined based on the financial settlement of flows of electricity between PJM and MISO. IMEA calculates these amounts for the Day-ahead market and the Real-time market as follows: PJM's congestion portion of the locational marginal price (LMP) at the Prairie State node is subtracted from PJM's congestion portion of the LMP at the Naperville node. There are no similar congestion costs or credits for delivery of Trimble County energy from LG&E to PJM.

The portion of line items 1210 and 1215 that are transmission related costs/credits for April 2024 are positive \$441,269.54 and positive \$243,772.20, respectively.

For IMEA CY24 Network Integration Transmission Service and Other Supporting Facilities represent ~82.5% of the IMEA PJM transmission costs. Reactive Supply and Voltage Control represents ~3.9% of the IMEA PJM transmission costs. Transmission Enhancement charges and credits represent ~3.7% of the IMEA transmission costs. Day-Ahead, Balancing Transmission Congestion, Auction Revenue Rights, Financial Transmission Rights and Transmission related energy costs/credits represent ~6.2% of the IMEA transmission costs. PJM and Transmission Owner Scheduling, System Control and Dispatch, Regulation and Frequency Response and Black Start represents ~6.5% of the IMEA PJM transmission costs. There is a credit of 1.0% for Point to Point and a credit of 1.8%

for Reactive Supply and Voltage support. These percentages change from year to year, but the general composition of the charges/credits should remain proportional from year to year.

Capacity

PJM controls the capacity market for its region. Capacity is basically the ability of a generating resource to produce electricity at any time when called; 24x7x365. PJM models the loads and available generation for the region as a whole and for certain individual Local Deliverability Areas (LDAs) that have historically been constrained, which in recent years has included the ComEd zone. The general design of this market is a 3-year forward auction construct. It consists of a Base Residual Auction and 3 Incremental Auctions for each Delivery Year. The 3-year forward aspect has been compressed in recent years due to previous auctions having been delayed and some of the Incremental Auctions have not been held. PJM does not own any generating resources, but it requires the generating resources that are connected to the transmission system that it controls (or pseudo-tied into its region) to bid into the capacity auctions, and if they get approved in the auctions, they are required to bid into the energy market every day. PJM charges load serving entities for capacity and pays generating resources that got approved for payment in the auctions for providing that capacity. The line items on the PJM billing statement that are tracked as capacity related are the following (there may be other line items properly tracked as capacity related that appear infrequently or that show a zero balance on a given month's bill):

1600	1667	2605	2661	2666	2681
1610	2600	2640	2662	2667	

Energy

PJM controls the energy markets in its region. It requires generating resources to bid into the energy markets every 5 minutes of every day; 24x7x365. **PJM dispatches the least cost generating units that are selected from the bids for every 5 minutes of every day.** PJM charges load serving entities for energy and pays generating resources for energy delivered to the grid. The line items on the PJM billing statement that are tracked as energy related are the following (there may be other line items properly tracked as energy related that appear infrequently or that show a zero balance on a given month's bill):

1200	1243	1318	1375	1446	1957	2375
1205	1246	1319	1376	1447	2220	2390
1210 (partial)*	1250	1360	1400	1448	2360	2420
1215 (partial)*	1313	1361	1420	1449	2361	2980
1220	1314	1362	1430	1470	2366	
1225	1315	1365	1443	1471	2367	
1230	1316	1370	1444	1472	2368	
1242	1317	1371	1445	1478	2370	

* Line items 1210 and 1215 are manually split by IMEA between energy and transmission. See explanation of the determination of the split noted above.

The portion of line items 1210 and 1215 that are energy related costs/credits for April 2024 are negative \$196,143.50 and negative \$128,114.75, respectively.

We understand that you may provide this to one or more of your municipal electric customers and that the statements may be posted to the internet. While we would prefer that the IMEA PJM billing statements not be posted to the internet due to the high potential of the documents being misunderstood or misstated, if they are to be provided to members of the public that intend to post them, we ask that this memo be posted with the billing statements.

Illinois Municipal Electric Agency
Illinois Public Energy Agency
Illinois Municipal Utilities Association
www.imea.org

INVOICE NUMBER: 2024043007162

CUSTOMER ACCOUNT: Illinois Municipal Electric Agency

CUSTOMER IDENTIFIERS: [REDACTED]

FINAL BILLING STATEMENT ISSUED: 05/07/2024 08:28:56

BILLING PERIOD: 04/01/2024 to 04/30/2024

Monthly Billing Total: (\$494,369.07)

Previous Weekly Billing Total: (\$801,738.77)

Monthly Billing Statement Summary		Total
Total Net Charge. Please Pay This Amount.		\$307,369.70

TERMS: PAYABLE IN FULL BY 12:00 PM EPT ON 2024-05-10

Fed Wire/ACH Bank Instructions: PJM Settlement, Inc.

[REDACTED]
[REDACTED]
[REDACTED]
[REDACTED]

FOR INQUIRIES CONTACT:

PJM MEMBER RELATIONS (Banking / Payment): custsvc@pjm.com (866) 400-8980

PJM MARKET SETTLEMENTS (Billing Line Items): mrkt_settlement_ops@pjm.com (866) 400-8980

ADDITIONAL BILLING STATEMENT INFORMATION:

This cover page includes PJM Settlement, Inc. banking information that is NOT to be publicly shared. In order to reduce the risk of potential fraud, please redact any PJM Settlement banking information prior to including these billing statements in any public documents.

Stephen Lawson
President

CUSTOMER ACCOUNT: Illinois Municipal Electric Agency

CUSTOMER IDENTIFIERS 

FINAL BILLING STATEMENT ISSUED: 05/07/2024 08:28:56

BILLING PERIOD: 04/01/2024 to 04/30/2024

CHARGES	ADJ	BILLING LINE ITEM NAME	SOURCE BILLING PERIOD START	AMOUNT
1100		Network Integration Transmission Service		\$1,644,031.50
1108		Transmission Enhancement		\$161,430.42
1115		Transmission Enhancement Settlement (EL05-121-009)		(\$26,604.53)
1120		Other Supporting Facilities		\$268,599.48
1130		Firm Point-to-Point Transmission Service		\$0.00
1140		Non-Firm Point-to-Point Transmission Service		\$0.00
1200		Day-ahead Spot Market Energy		(\$3,706,601.09)
1205		Balancing Spot Market Energy		\$362,805.85
1210		Day-ahead Transmission Congestion		\$245,126.04
1215		Balancing Transmission Congestion		\$115,657.45
1216		Pseudo-Tie Balancing Congestion Refund		\$82,966.05
1220		Day-ahead Transmission Losses		\$154,896.30
1225		Balancing Transmission Losses		(\$10,850.54)
1230		Inadvertent Interchange		\$740.49
1242		Day-Ahead Load Response Charge Allocation		\$63.59
1243		Real-Time Load Response Charge Allocation		\$8.17
1250		Meter Error Correction		(\$1.36)
1301		PJM Scheduling, System Control and Dispatch Service - Control Area Administration		\$43,410.45

PJM Settlement, Inc.
2750 Monroe Blvd.
Audubon, PA 19403

CUSTOMER ACCOUNT: Illinois Municipal Electric Agency

CUSTOMER IDENTIFIERS 

FINAL BILLING STATEMENT ISSUED: 05/07/2024 08:28:56

BILLING PERIOD: 04/01/2024 to 04/30/2024

1302	PJM Scheduling, System Control and Dispatch Service - FTR Administration	\$59.16
1303	PJM Scheduling, System Control and Dispatch Service - Market Support	\$20,118.93
1305	PJM Scheduling, System Control and Dispatch Service - Capacity Resource/Obligation Mgmt.	\$6,037.32
1313	PJM Settlement, Inc.	\$1,291.08
1314	Market Monitoring Unit (MMU) Funding	\$2,911.19
1315	FERC Annual Recovery	\$18,886.62
1316	Organization of PJM States, Inc. (OPSI) Funding	\$168.38
1317	North American Electric Reliability Corporation (NERC)	\$2,862.46
1318	Reliability First Corporation (RFC)	\$4,139.34
1319	Consumer Advocates of PJM States, Inc. (CAPS)	\$84.19
1320	Transmission Owner Scheduling, System Control and Dispatch Service	\$31,192.38
1330	Reactive Supply and Voltage Control from Generation and Other Sources Service	\$90,618.28
1340	Regulation and Frequency Response Service	\$29,238.42
1360	Synchronized Reserve	\$20,948.29
1361	Secondary Reserve	\$221.86
1362	Non-Synchronized Reserve	\$4,353.72
1370	Day-ahead Operating Reserve	\$24,969.44
1375	Balancing Operating Reserve	\$34,574.62
1376	Balancing Operating Reserve for Load Response	(\$0.04)

CUSTOMER ACCOUNT: Illinois Municipal Electric Agency

CUSTOMER IDENTIFIERS [REDACTED]

FINAL BILLING STATEMENT ISSUED: 05/07/2024 08:28:56

BILLING PERIOD: 04/01/2024 to 04/30/2024

1380	Black Start Service	\$14,875.25
1400	Load Reconciliation for Spot Market Energy	(\$537.14)
1410	Load Reconciliation for Transmission Congestion	\$13.44
1420	Load Reconciliation for Transmission Losses	\$28.86
1430	Load Reconciliation for Inadvertent Interchange	\$0.06
1440	Load Reconciliation for PJM Scheduling, System Control and Dispatch Service	(\$7.25)
1443	Load Reconciliation for PJM Settlement, Inc.	(\$0.06)
1444	Load Reconciliation for Market Monitoring Unit (MMU) Funding	(\$0.20)
1445	Load Reconciliation for FERC Annual Recovery	(\$3.38)
1446	Load Reconciliation for Organization of PJM States, Inc. (OPSI) Funding	(\$0.03)
1447	Load Reconciliation for North American Electric Reliability Corporation (NERC)	(\$0.51)
1448	Load Reconciliation for Reliability First Corporation (RFC)	(\$0.74)
1449	Load Reconciliation for Consumer Advocates of PJM States, Inc. (CAPS) Funding	(\$0.02)
1450	Load Reconciliation for Transmission Owner Scheduling, System Control and Dispatch Service	(\$5.59)
1460	Load Reconciliation for Regulation and Frequency Response Service	(\$3.25)
1470	Load Reconciliation for Synchronized Reserve	(\$1.07)
1471	Load Reconciliation for Secondary Reserve	(\$0.01)
1472	Load Reconciliation for Non-Synchronized Reserve	(\$0.09)
1478	Load Reconciliation for Balancing Operating Reserve	(\$0.81)

CUSTOMER ACCOUNT: Illinois Municipal Electric Agency

CUSTOMER IDENTIFIERS [REDACTED]

FINAL BILLING STATEMENT ISSUED: 05/07/2024 08:28:56

BILLING PERIOD: 04/01/2024 to 04/30/2024

1500		Financial Transmission Rights Auction		(\$1,871.40)
1600		RPM Auction		\$73,746.60
1610		Locational Reliability		\$532,859.70
1100	A	Network Integration Transmission Service	04/01/2024	\$3,379.62
1250	A	Meter Error Correction	02/01/2024	(\$50.96)
1250	A	Meter Error Correction	03/01/2024	(\$1.14)
1340	A	Regulation and Frequency Response Service	01/01/2024	\$26.73
1340	A	Regulation and Frequency Response Service	02/01/2024	\$1.10
1340	A	Regulation and Frequency Response Service	03/01/2024	\$0.31
1361	A	Secondary Reserve	12/01/2023	(\$7.03)
1362	A	Non-Synchronized Reserve	12/01/2023	(\$0.26)
1370	A	Day-ahead Operating Reserve	01/01/2024	(\$22,929.25)
1375	A	Balancing Operating Reserve	07/01/2022	(\$3.40)
1375	A	Balancing Operating Reserve	08/01/2022	(\$3.33)
1375	A	Balancing Operating Reserve	11/01/2022	(\$1.85)
1375	A	Balancing Operating Reserve	06/01/2023	(\$42.69)
1375	A	Balancing Operating Reserve	07/01/2023	(\$11.70)
1375	A	Balancing Operating Reserve	08/01/2023	(\$162.31)
1375	A	Balancing Operating Reserve	09/01/2023	(\$137.07)

PJM Settlement, Inc.
2750 Monroe Blvd.
Audubon, PA 19403

CUSTOMER ACCOUNT: Illinois Municipal Electric Agency

CUSTOMER IDENTIFIERS [REDACTED]

FINAL BILLING STATEMENT ISSUED: 05/07/2024 08:28:56

BILLING PERIOD: 04/01/2024 to 04/30/2024

1375	A	Balancing Operating Reserve	12/01/2023	(\$4.57)
1375	A	Balancing Operating Reserve	01/01/2024	\$1,384.38
1375	A	Balancing Operating Reserve	02/01/2024	\$84.21
1380	A	Black Start Service	03/01/2024	\$658.64
1957	A	Schedule 11A PJM Net	04/01/2024	\$4,533.44

Total Charges: \$234,159.14

PJM Settlement, Inc.
2750 Monroe Blvd.
Audubon, PA 19403

CUSTOMER ACCOUNT: Illinois Municipal Electric Agency

CUSTOMER IDENTIFIERS [REDACTED]

FINAL BILLING STATEMENT ISSUED: 05/07/2024 08:28:56

BILLING PERIOD: 04/01/2024 to 04/30/2024

CREDITS	ADJ	BILLING LINE ITEM NAME	SOURCE BILLING PERIOD START	AMOUNT
2100		Network Integration Transmission Service		\$0.00
2108		Transmission Enhancement		\$55,624.91
2130		Firm Point-to-Point Transmission Service		\$14,926.38
2140		Non-Firm Point-to-Point Transmission Service		\$2,321.30
2211		Day-ahead Transmission Congestion		\$9,398.45
2215		Balancing Transmission Congestion		(\$84,180.70)
2220		Transmission Losses		\$38,036.18
2320		Transmission Owner Scheduling, System Control and Dispatch Service		\$0.00
2330		Reactive Supply and Voltage Control from Generation and Other Sources Service		\$41,781.22
2340		Regulation and Frequency Response Service		\$0.00
2360		Balancing Synchronized Reserve		\$7,048.46
2361		Balancing Secondary Reserve		\$0.00
2366		Day-ahead Synchronized Reserve		\$32,931.90
2367		Day-ahead Secondary Reserve		\$0.00
2368		Day-ahead Non-Synchronized Reserve		\$0.00
2370		Day-ahead Operating Reserve		\$0.00
2375		Balancing Operating Reserve		\$8,877.44
2380		Black Start Service		\$0.00

CUSTOMER ACCOUNT: Illinois Municipal Electric Agency

CUSTOMER IDENTIFIERS [REDACTED]

FINAL BILLING STATEMENT ISSUED: 05/07/2024 08:28:56

BILLING PERIOD: 04/01/2024 to 04/30/2024

2415		Balancing Transmission Congestion Load Reconciliation		\$5.11
2420		Load Reconciliation for Transmission Losses		(\$5.75)
2510		Auction Revenue Rights		\$111,057.90
2600		RPM Auction		\$447,853.80
2605		RPM Seasonal Capacity Performance Auction		\$23,754.60
2640		Incremental Capacity Transfer Rights		\$522.30
2661		Capacity Resource Deficiency		\$14,321.00
2681		FRR LSE Capacity Resource Deficiency		\$3,693.60
2140	A	Non-Firm Point-to-Point Transmission Service	03/01/2024	\$94.96
2211	A	Day-ahead Transmission Congestion	03/01/2024	\$0.01
2215	A	Balancing Transmission Congestion	03/01/2024	\$371.93
2390	A	Fuel Cost Policy Penalty	03/01/2024	\$93.21
Total Credits:				\$728,528.21



Memorandum

To: Brian Groth

From: Troy Fodor

Date: May 12, 2025

Re: IMEA - PJM Billing Explanation - May 2024

You have asked that IMEA share copies of the monthly billing statements we receive from PJM Settlement, Inc. for calendar year 2024 (CY24). We are willing to share the monthly statements, but a certain amount of explanation is required.

The PJM billing statement has numerous line items with no descriptions other than the line item's title, and the statement contains charges and credits for all PJM transactions, including transmission, ancillary services, capacity, energy, and PJM administrative charges for all IMEA members located in the PJM region. The monthly bill to Naperville from IMEA breaks out and aggregates the charges and credits from PJM. It should also be noted that roughly half of IMEA's load is located in MISO and that the PJM and MISO costs are aggregated together and socialized among all IMEA members in IMEA's postage stamp rates.

The purpose of this memo is to provide a list of the line items from the PJM billing statements that are included in either transmission, capacity or energy for purposes of IMEA's bill to Members. Additional information about PJM's billing statements can be found on the PJM website. See for example, [*Customer Guide to PJM Billing*](#), which gives a fuller description of each line item.

The PJM billing statement for the May 2024 billing period is attached hereto.

Transmission

Network Integrated Transmission Service (NITS) from PJM includes the charges based on ComEd's formula rate to recover ComEd's investment in its transmission system and its operating expenses. While NITS charges are the largest transmission

related cost, there are many other transmission related charges from PJM that are not included in NITS. The line items on the PJM billing statement that are tracked as transmission related are the following (there may be other line items properly tracked as transmission related that appear infrequently or that show a zero balance on a given month's bill):

1100	1140	1301	1330	1450	2130	2218	2415
1108	1210 (partial)*	1302	1340	1460	2140	2320	2510
1115	1215 (partial)*	1303	1380	1500	2211	2330	
1120	1216	1305	1410	2100	2215	2340	
1130	1218	1320	1440	2108	2217	2380	

* Line items 1210 (Day-ahead Transmission Congestion) and 1215 (Balancing Transmission Congestion) are manually split by IMEA between transmission and energy. The portion of the congestion costs or credits related to the delivery of Prairie State from MISO to PJM are captured and tracked by IMEA as energy related costs. The remainder of the congestion costs or credits are transmission related. The Prairie State related congestion costs or credits are determined based on the financial settlement of flows of electricity between PJM and MISO. IMEA calculates these amounts for the Day-ahead market and the Real-time market as follows: PJM's congestion portion of the locational marginal price (LMP) at the Prairie State node is subtracted from PJM's congestion portion of the LMP at the Naperville node. There are no similar congestion costs or credits for delivery of Trimble County energy from LG&E to PJM.

The portion of line items 1210 and 1215 that are transmission related costs/credits for May 2024 are positive \$129,430.65 and positive \$88,628.02, respectively.

For IMEA CY24 Network Integration Transmission Service and Other Supporting Facilities represent ~82.5% of the IMEA PJM transmission costs. Reactive Supply and Voltage Control represents ~3.9% of the IMEA PJM transmission costs. Transmission Enhancement charges and credits represent ~3.7% of the IMEA transmission costs. Day-Ahead, Balancing Transmission Congestion, Auction Revenue Rights, Financial Transmission Rights and Transmission related energy costs/credits represent ~6.2% of the IMEA transmission costs. PJM and Transmission Owner Scheduling, System Control and Dispatch, Regulation and Frequency Response and Black Start represents ~6.5% of the IMEA PJM transmission costs. There is a credit of 1.0% for Point to Point and a credit of 1.8%

for Reactive Supply and Voltage support. These percentages change from year to year, but the general composition of the charges/credits should remain proportional from year to year.

Capacity

PJM controls the capacity market for its region. Capacity is basically the ability of a generating resource to produce electricity at any time when called; 24x7x365. PJM models the loads and available generation for the region as a whole and for certain individual Local Deliverability Areas (LDAs) that have historically been constrained, which in recent years has included the ComEd zone. The general design of this market is a 3-year forward auction construct. It consists of a Base Residual Auction and 3 Incremental Auctions for each Delivery Year. The 3-year forward aspect has been compressed in recent years due to previous auctions having been delayed and some of the Incremental Auctions have not been held. PJM does not own any generating resources, but it requires the generating resources that are connected to the transmission system that it controls (or pseudo-tied into its region) to bid into the capacity auctions, and if they get approved in the auctions, they are required to bid into the energy market every day. PJM charges load serving entities for capacity and pays generating resources that got approved for payment in the auctions for providing that capacity. The line items on the PJM billing statement that are tracked as capacity related are the following (there may be other line items properly tracked as capacity related that appear infrequently or that show a zero balance on a given month's bill):

1600	1667	2605	2661	2666	2681
1610	2600	2640	2662	2667	

Energy

PJM controls the energy markets in its region. It requires generating resources to bid into the energy markets every 5 minutes of every day; 24x7x365. **PJM dispatches the least cost generating units that are selected from the bids for every 5 minutes of every day.** PJM charges load serving entities for energy and pays generating resources for energy delivered to the grid. The line items on the PJM billing statement that are tracked as energy related are the following (there may be other line items properly tracked as energy related that appear infrequently or that show a zero balance on a given month's bill):

1200	1243	1318	1375	1446	1957	2375
1205	1246	1319	1376	1447	2220	2390
1210 (partial)*	1250	1360	1400	1448	2360	2420
1215 (partial)*	1313	1361	1420	1449	2361	2980
1220	1314	1362	1430	1470	2366	
1225	1315	1365	1443	1471	2367	
1230	1316	1370	1444	1472	2368	
1242	1317	1371	1445	1478	2370	

* Line items 1210 and 1215 are manually split by IMEA between energy and transmission. See explanation of the determination of the split noted above.

The portion of line items 1210 and 1215 that are energy related costs/credits for May 2024 are negative \$269,353.16 and negative \$98,906.30, respectively.

We understand that you may provide this to one or more of your municipal electric customers and that the statements may be posted to the internet. While we would prefer that the IMEA PJM billing statements not be posted to the internet due to the high potential of the documents being misunderstood or misstated, if they are to be provided to members of the public that intend to post them, we ask that this memo be posted with the billing statements.

Illinois Municipal Electric Agency
Illinois Public Energy Agency
Illinois Municipal Utilities Association
www.imea.org

INVOICE NUMBER: 2024053107162

CUSTOMER ACCOUNT: Illinois Municipal Electric Agency

CUSTOMER IDENTIFIERS: [REDACTED]

FINAL BILLING STATEMENT ISSUED: 06/07/2024 08:13:31

BILLING PERIOD: 05/01/2024 to 05/31/2024

Monthly Billing Total: (\$1,076,922.30)

Previous Weekly Billing Total: (\$1,704,264.18)

Monthly Billing Statement Summary	Total
-----------------------------------	-------

Total Net Charge. Please Pay This Amount.	\$627,341.88
--	---------------------

TERMS: PAYABLE IN FULL BY 12:00 PM EPT ON 2024-06-14

Fed Wire/ACH Bank Instructions: PJM Settlement, Inc.

[REDACTED]
[REDACTED]
[REDACTED]
[REDACTED]

FOR INQUIRIES CONTACT:

PJM MEMBER RELATIONS (Banking / Payment): custsvc@pjm.com (866) 400-8980

PJM MARKET SETTLEMENTS (Billing Line Items): mrkt_settlement_ops@pjm.com (866) 400-8980

ADDITIONAL BILLING STATEMENT INFORMATION:

This cover page includes PJM Settlement, Inc. banking information that is NOT to be publicly shared. In order to reduce the risk of potential fraud, please redact any PJM Settlement banking information prior to including these billing statements in any public documents.

Stephen Lawson
President

CUSTOMER ACCOUNT: Illinois Municipal Electric Agency

CUSTOMER IDENTIFIERS 

FINAL BILLING STATEMENT ISSUED: 06/07/2024 08:13:31

BILLING PERIOD: 05/01/2024 to 05/31/2024

CHARGES	ADJ	BILLING LINE ITEM NAME	SOURCE BILLING PERIOD START	AMOUNT
1100		Network Integration Transmission Service		\$1,698,832.55
1108		Transmission Enhancement		\$161,430.42
1115		Transmission Enhancement Settlement (EL05-121-009)		(\$26,604.53)
1120		Other Supporting Facilities		\$268,599.48
1130		Firm Point-to-Point Transmission Service		\$0.00
1140		Non-Firm Point-to-Point Transmission Service		\$0.00
1200		Day-ahead Spot Market Energy		(\$3,651,454.57)
1205		Balancing Spot Market Energy		\$242,300.58
1210		Day-ahead Transmission Congestion		(\$139,922.51)
1215		Balancing Transmission Congestion		(\$10,278.28)
1216		Pseudo-Tie Balancing Congestion Refund		\$17,286.38
1220		Day-ahead Transmission Losses		\$121,058.36
1225		Balancing Transmission Losses		(\$3,547.43)
1230		Inadvertent Interchange		\$2,630.25
1242		Day-Ahead Load Response Charge Allocation		\$657.34
1243		Real-Time Load Response Charge Allocation		\$34.44
1250		Meter Error Correction		\$21.91
1301		PJM Scheduling, System Control and Dispatch Service - Control Area Administration		\$48,586.46

PJM Settlement, Inc.
2750 Monroe Blvd.
Audubon, PA 19403

CUSTOMER ACCOUNT: Illinois Municipal Electric Agency

CUSTOMER IDENTIFIERS 

FINAL BILLING STATEMENT ISSUED: 06/07/2024 08:13:31

BILLING PERIOD: 05/01/2024 to 05/31/2024

1302	PJM Scheduling, System Control and Dispatch Service - FTR Administration	\$62.96
1303	PJM Scheduling, System Control and Dispatch Service - Market Support	\$21,264.86
1305	PJM Scheduling, System Control and Dispatch Service - Capacity Resource/Obligation Mgmt.	\$6,304.80
1313	PJM Settlement, Inc.	\$1,366.12
1314	Market Monitoring Unit (MMU) Funding	\$3,049.89
1315	FERC Annual Recovery	\$21,267.51
1316	Organization of PJM States, Inc. (OPSI) Funding	\$189.61
1317	North American Electric Reliability Corporation (NERC)	\$3,223.31
1318	Reliability First Corporation (RFC)	\$4,661.16
1319	Consumer Advocates of PJM States, Inc. (CAPS)	\$94.80
1320	Transmission Owner Scheduling, System Control and Dispatch Service	\$35,124.56
1330	Reactive Supply and Voltage Control from Generation and Other Sources Service	\$90,976.17
1340	Regulation and Frequency Response Service	\$46,807.63
1360	Synchronized Reserve	\$27,214.24
1361	Secondary Reserve	\$728.76
1362	Non-Synchronized Reserve	\$2,938.04
1370	Day-ahead Operating Reserve	\$27,350.48
1371	Day-ahead Operating Reserve for Load Response	\$0.10
1375	Balancing Operating Reserve	\$38,150.89

PJM Settlement, Inc.
2750 Monroe Blvd.
Audubon, PA 19403

CUSTOMER ACCOUNT: Illinois Municipal Electric Agency

CUSTOMER IDENTIFIERS 

FINAL BILLING STATEMENT ISSUED: 06/07/2024 08:13:31

BILLING PERIOD: 05/01/2024 to 05/31/2024

1380	Black Start Service	\$15,050.34
1400	Load Reconciliation for Spot Market Energy	\$29,738.39
1410	Load Reconciliation for Transmission Congestion	(\$6,322.81)
1420	Load Reconciliation for Transmission Losses	(\$1,379.76)
1430	Load Reconciliation for Inadvertent Interchange	(\$4.78)
1440	Load Reconciliation for PJM Scheduling, System Control and Dispatch Service	\$514.23
1443	Load Reconciliation for PJM Settlement, Inc.	\$3.98
1444	Load Reconciliation for Market Monitoring Unit (MMU) Funding	\$10.44
1445	Load Reconciliation for FERC Annual Recovery	\$197.92
1446	Load Reconciliation for Organization of PJM States, Inc. (OPSI) Funding	\$1.76
1447	Load Reconciliation for North American Electric Reliability Corporation (NERC)	\$30.00
1448	Load Reconciliation for Reliability First Corporation (RFC)	\$43.38
1449	Load Reconciliation for Consumer Advocates of PJM States, Inc. (CAPS) Funding	\$0.88
1450	Load Reconciliation for Transmission Owner Scheduling, System Control and Dispatch Service	\$326.88
1460	Load Reconciliation for Regulation and Frequency Response Service	\$304.41
1470	Load Reconciliation for Synchronized Reserve	\$126.54
1471	Load Reconciliation for Secondary Reserve	\$3.37
1472	Load Reconciliation for Non-Synchronized Reserve	\$8.59
1478	Load Reconciliation for Balancing Operating Reserve	\$81.94

PJM Settlement, Inc.
2750 Monroe Blvd.
Audubon, PA 19403

CUSTOMER ACCOUNT: Illinois Municipal Electric Agency

CUSTOMER IDENTIFIERS [REDACTED]

FINAL BILLING STATEMENT ISSUED: 06/07/2024 08:13:31

BILLING PERIOD: 05/01/2024 to 05/31/2024

1500		Financial Transmission Rights Auction		(\$1,933.78)
1600		RPM Auction		\$76,204.82
1610		Locational Reliability		\$550,621.69
1100	A	Network Integration Transmission Service	04/01/2024	\$3,379.62
1250	A	Meter Error Correction	04/01/2024	\$3.47
1340	A	Regulation and Frequency Response Service	01/01/2024	(\$4.86)
1340	A	Regulation and Frequency Response Service	02/01/2024	\$13.07
1340	A	Regulation and Frequency Response Service	04/01/2024	\$1.05
1361	A	Secondary Reserve	01/01/2024	(\$2.75)
1362	A	Non-Synchronized Reserve	01/01/2024	(\$1.47)
1370	A	Day-ahead Operating Reserve	01/01/2024	\$22,209.31
1375	A	Balancing Operating Reserve	05/01/2022	\$5.91
1375	A	Balancing Operating Reserve	06/01/2022	\$1.89
1375	A	Balancing Operating Reserve	07/01/2022	\$13.66
1375	A	Balancing Operating Reserve	08/01/2022	\$25.71
1375	A	Balancing Operating Reserve	09/01/2022	\$28.07
1375	A	Balancing Operating Reserve	10/01/2022	\$8.38
1375	A	Balancing Operating Reserve	11/01/2022	\$2.42
1375	A	Balancing Operating Reserve	12/01/2022	\$11.61

PJM Settlement, Inc.
2750 Monroe Blvd.
Audubon, PA 19403

CUSTOMER ACCOUNT: Illinois Municipal Electric Agency

CUSTOMER IDENTIFIERS [REDACTED]

FINAL BILLING STATEMENT ISSUED: 06/07/2024 08:13:31

BILLING PERIOD: 05/01/2024 to 05/31/2024

1375	A	Balancing Operating Reserve	01/01/2023	\$0.83
1375	A	Balancing Operating Reserve	02/01/2023	\$0.15
1375	A	Balancing Operating Reserve	04/01/2023	\$0.19
1375	A	Balancing Operating Reserve	05/01/2023	\$4.55
1375	A	Balancing Operating Reserve	08/01/2023	\$0.94
1375	A	Balancing Operating Reserve	09/01/2023	(\$73.12)
1375	A	Balancing Operating Reserve	01/01/2024	(\$1,361.81)
1375	A	Balancing Operating Reserve	02/01/2024	(\$31.96)
1375	A	Balancing Operating Reserve	04/01/2024	\$197.60

Total Charges: (\$251,532.37)

PJM Settlement, Inc.
2750 Monroe Blvd.
Audubon, PA 19403

CUSTOMER ACCOUNT: Illinois Municipal Electric Agency

CUSTOMER IDENTIFIERS [REDACTED]

FINAL BILLING STATEMENT ISSUED: 06/07/2024 08:13:31

BILLING PERIOD: 05/01/2024 to 05/31/2024

CREDITS	ADJ	BILLING LINE ITEM NAME	SOURCE BILLING PERIOD START	AMOUNT
2100		Network Integration Transmission Service		\$0.00
2108		Transmission Enhancement		\$55,624.91
2130		Firm Point-to-Point Transmission Service		\$15,361.79
2140		Non-Firm Point-to-Point Transmission Service		\$2,418.07
2211		Day-ahead Transmission Congestion		(\$15,526.35)
2215		Balancing Transmission Congestion		(\$88,331.22)
2217		Planning Period Excess Congestion		\$99,941.32
2220		Transmission Losses		\$67,636.33
2320		Transmission Owner Scheduling, System Control and Dispatch Service		\$0.00
2330		Reactive Supply and Voltage Control from Generation and Other Sources Service		\$41,781.22
2340		Regulation and Frequency Response Service		\$0.00
2360		Balancing Synchronized Reserve		\$19,652.34
2361		Balancing Secondary Reserve		\$0.00
2366		Day-ahead Synchronized Reserve		\$10,245.18
2367		Day-ahead Secondary Reserve		\$0.00
2368		Day-ahead Non-Synchronized Reserve		\$0.00
2370		Day-ahead Operating Reserve		\$0.00
2375		Balancing Operating Reserve		\$21,804.91

PJM Settlement, Inc.
2750 Monroe Blvd.
Audubon, PA 19403

CUSTOMER ACCOUNT: Illinois Municipal Electric Agency

CUSTOMER IDENTIFIERS 

FINAL BILLING STATEMENT ISSUED: 06/07/2024 08:13:31

BILLING PERIOD: 05/01/2024 to 05/31/2024

2380		Black Start Service		\$0.00
2415		Balancing Transmission Congestion Load Reconciliation		(\$827.93)
2420		Load Reconciliation for Transmission Losses		\$288.02
2510		Auction Revenue Rights		\$114,759.83
2600		RPM Auction		\$462,782.26
2640		Incremental Capacity Transfer Rights		\$539.71
2661		Capacity Resource Deficiency		\$14,525.05
2681		FRR LSE Capacity Resource Deficiency		\$3,816.72
2140	A	Non-Firm Point-to-Point Transmission Service	04/01/2024	\$47.19
2211	A	Day-ahead Transmission Congestion	04/01/2024	(\$0.03)
2215	A	Balancing Transmission Congestion	03/01/2024	\$0.62
2390	A	Fuel Cost Policy Penalty	03/01/2024	\$31.52
2390	A	Fuel Cost Policy Penalty	04/01/2024	\$6.52
2661	A	Capacity Resource Deficiency	01/01/2024	(\$242.30)
2661	A	Capacity Resource Deficiency	02/01/2024	(\$226.67)
2661	A	Capacity Resource Deficiency	03/01/2024	(\$242.30)
2661	A	Capacity Resource Deficiency	04/01/2024	(\$234.48)
2661	A	Capacity Resource Deficiency	05/01/2024	(\$242.30)

Total Credits: \$825,389.93



Memorandum

To: Brian Groth

From: Troy Fodor

Date: May 12, 2025

Re: IMEA - PJM Billing Explanation - June 2024

You have asked that IMEA share copies of the monthly billing statements we receive from PJM Settlement, Inc. for calendar year 2024 (CY24). We are willing to share the monthly statements, but a certain amount of explanation is required.

The PJM billing statement has numerous line items with no descriptions other than the line item's title, and the statement contains charges and credits for all PJM transactions, including transmission, ancillary services, capacity, energy, and PJM administrative charges for all IMEA members located in the PJM region. The monthly bill to Naperville from IMEA breaks out and aggregates the charges and credits from PJM. It should also be noted that roughly half of IMEA's load is located in MISO and that the PJM and MISO costs are aggregated together and socialized among all IMEA members in IMEA's postage stamp rates.

The purpose of this memo is to provide a list of the line items from the PJM billing statements that are included in either transmission, capacity or energy for purposes of IMEA's bill to Members. Additional information about PJM's billing statements can be found on the PJM website. See for example, [*Customer Guide to PJM Billing*](#), which gives a fuller description of each line item.

The PJM billing statement for the June 2024 billing period is attached hereto.

Transmission

Network Integrated Transmission Service (NITS) from PJM includes the charges based on ComEd's formula rate to recover ComEd's investment in its transmission system and its operating expenses. While NITS charges are the largest transmission

related cost, there are many other transmission related charges from PJM that are not included in NITS. The line items on the PJM billing statement that are tracked as transmission related are the following (there may be other line items properly tracked as transmission related that appear infrequently or that show a zero balance on a given month's bill):

1100	1140	1301	1330	1450	2130	2218	2415
1108	1210 (partial)*	1302	1340	1460	2140	2320	2510
1115	1215 (partial)*	1303	1380	1500	2211	2330	
1120	1216	1305	1410	2100	2215	2340	
1130	1218	1320	1440	2108	2217	2380	

* Line items 1210 (Day-ahead Transmission Congestion) and 1215 (Balancing Transmission Congestion) are manually split by IMEA between transmission and energy. The portion of the congestion costs or credits related to the delivery of Prairie State from MISO to PJM are captured and tracked by IMEA as energy related costs. The remainder of the congestion costs or credits are transmission related. The Prairie State related congestion costs or credits are determined based on the financial settlement of flows of electricity between PJM and MISO. IMEA calculates these amounts for the Day-ahead market and the Real-time market as follows: PJM's congestion portion of the locational marginal price (LMP) at the Prairie State node is subtracted from PJM's congestion portion of the LMP at the Naperville node. There are no similar congestion costs or credits for delivery of Trimble County energy from LG&E to PJM.

The portion of line items 1210 and 1215 that are transmission related costs/credits for June 2024 are positive \$86,375.45 and positive \$6,373.85, respectively.

For IMEA CY24 Network Integration Transmission Service and Other Supporting Facilities represent ~82.5% of the IMEA PJM transmission costs. Reactive Supply and Voltage Control represents ~3.9% of the IMEA PJM transmission costs. Transmission Enhancement charges and credits represent ~3.7% of the IMEA transmission costs. Day-Ahead, Balancing Transmission Congestion, Auction Revenue Rights, Financial Transmission Rights and Transmission related energy costs/credits represent ~6.2% of the IMEA transmission costs. PJM and Transmission Owner Scheduling, System Control and Dispatch, Regulation and Frequency Response and Black Start represents ~6.5% of the IMEA PJM transmission costs. There is a credit of 1.0% for Point to Point and a credit of 1.8%

for Reactive Supply and Voltage support. These percentages change from year to year, but the general composition of the charges/credits should remain proportional from year to year.

Capacity

PJM controls the capacity market for its region. Capacity is basically the ability of a generating resource to produce electricity at any time when called; 24x7x365. PJM models the loads and available generation for the region as a whole and for certain individual Local Deliverability Areas (LDAs) that have historically been constrained, which in recent years has included the ComEd zone. The general design of this market is a 3-year forward auction construct. It consists of a Base Residual Auction and 3 Incremental Auctions for each Delivery Year. The 3-year forward aspect has been compressed in recent years due to previous auctions having been delayed and some of the Incremental Auctions have not been held. PJM does not own any generating resources, but it requires the generating resources that are connected to the transmission system that it controls (or pseudo-tied into its region) to bid into the capacity auctions, and if they get approved in the auctions, they are required to bid into the energy market every day. PJM charges load serving entities for capacity and pays generating resources that got approved for payment in the auctions for providing that capacity. The line items on the PJM billing statement that are tracked as capacity related are the following (there may be other line items properly tracked as capacity related that appear infrequently or that show a zero balance on a given month's bill):

1600	1667	2605	2661	2666	2681
1610	2600	2640	2662	2667	

Energy

PJM controls the energy markets in its region. It requires generating resources to bid into the energy markets every 5 minutes of every day; 24x7x365. **PJM dispatches the least cost generating units that are selected from the bids for every 5 minutes of every day.** PJM charges load serving entities for energy and pays generating resources for energy delivered to the grid. The line items on the PJM billing statement that are tracked as energy related are the following (there may be other line items properly tracked as energy related that appear infrequently or that show a zero balance on a given month's bill):

1200	1243	1318	1375	1446	1957	2375
1205	1246	1319	1376	1447	2220	2390
1210 (partial)*	1250	1360	1400	1448	2360	2420
1215 (partial)*	1313	1361	1420	1449	2361	2980
1220	1314	1362	1430	1470	2366	
1225	1315	1365	1443	1471	2367	
1230	1316	1370	1444	1472	2368	
1242	1317	1371	1445	1478	2370	

* Line items 1210 and 1215 are manually split by IMEA between energy and transmission. See explanation of the determination of the split noted above.

The portion of line items 1210 and 1215 that are energy related costs/credits for June 2024 are negative \$182,292.47 and negative \$25,882.02, respectively.

We understand that you may provide this to one or more of your municipal electric customers and that the statements may be posted to the internet. While we would prefer that the IMEA PJM billing statements not be posted to the internet due to the high potential of the documents being misunderstood or misstated, if they are to be provided to members of the public that intend to post them, we ask that this memo be posted with the billing statements.

Illinois Municipal Electric Agency
Illinois Public Energy Agency
Illinois Municipal Utilities Association
www.imea.org

INVOICE NUMBER: 2024063007162

CUSTOMER ACCOUNT: Illinois Municipal Electric Agency

CUSTOMER IDENTIFIERS: [REDACTED]

FINAL BILLING STATEMENT ISSUED: 07/08/2024 09:34:10

BILLING PERIOD: 06/01/2024 to 06/30/2024

Monthly Billing Total: \$1,007,724.53

Previous Weekly Billing Total: \$418,361.55

Monthly Billing Statement Summary		Total
Total Net Charge. Please Pay This Amount.		\$589,362.98

TERMS: PAYABLE IN FULL BY 12:00 PM EPT ON 2024-07-12

Fed Wire/ACH Bank Instructions: PJM Settlement, Inc.

[REDACTED]
[REDACTED]
[REDACTED]
[REDACTED]

FOR INQUIRIES CONTACT:

PJM MEMBER RELATIONS (Banking / Payment): custsvc@pjm.com (866) 400-8980

PJM MARKET SETTLEMENTS (Billing Line Items): mrkt_settlement_ops@pjm.com (866) 400-8980

ADDITIONAL BILLING STATEMENT INFORMATION:

This cover page includes PJM Settlement, Inc. banking information that is NOT to be publicly shared. In order to reduce the risk of potential fraud, please redact any PJM Settlement banking information prior to including these billing statements in any public documents.

Stephen Lawson
President

CUSTOMER ACCOUNT: Illinois Municipal Electric Agency

CUSTOMER IDENTIFIERS 

FINAL BILLING STATEMENT ISSUED: 07/08/2024 09:34:10

BILLING PERIOD: 06/01/2024 to 06/30/2024

CHARGES	ADJ	BILLING LINE ITEM NAME	SOURCE BILLING PERIOD START	AMOUNT
1100		Network Integration Transmission Service		\$1,591,772.40
1108		Transmission Enhancement		\$158,746.83
1115		Transmission Enhancement Settlement (EL05-121-009)		(\$26,604.53)
1120		Other Supporting Facilities		\$268,599.48
1130		Firm Point-to-Point Transmission Service		\$0.00
1140		Non-Firm Point-to-Point Transmission Service		\$0.00
1200		Day-ahead Spot Market Energy		(\$1,031,256.79)
1205		Balancing Spot Market Energy		(\$101,178.99)
1210		Day-ahead Transmission Congestion		(\$95,917.02)
1215		Balancing Transmission Congestion		(\$19,508.17)
1216		Pseudo-Tie Balancing Congestion Refund		(\$5,175.10)
1220		Day-ahead Transmission Losses		\$114,609.27
1225		Balancing Transmission Losses		\$6,736.74
1230		Inadvertent Interchange		\$5,391.06
1242		Day-Ahead Load Response Charge Allocation		\$2,142.10
1243		Real-Time Load Response Charge Allocation		(\$103.86)
1250		Meter Error Correction		(\$17.58)
1301		PJM Scheduling, System Control and Dispatch Service - Control Area Administration		\$41,180.36

PJM Settlement, Inc.
2750 Monroe Blvd.
Audubon, PA 19403

CUSTOMER ACCOUNT: Illinois Municipal Electric Agency

CUSTOMER IDENTIFIERS 

FINAL BILLING STATEMENT ISSUED: 07/08/2024 09:34:10

BILLING PERIOD: 06/01/2024 to 06/30/2024

1302	PJM Scheduling, System Control and Dispatch Service - FTR Administration	\$22.13
1303	PJM Scheduling, System Control and Dispatch Service - Market Support	\$15,745.95
1305	PJM Scheduling, System Control and Dispatch Service - Capacity Resource/Obligation Mgmt.	\$4,841.56
1313	PJM Settlement, Inc.	\$1,062.29
1314	Market Monitoring Unit (MMU) Funding	\$3,103.82
1315	FERC Annual Recovery	\$25,868.65
1316	Organization of PJM States, Inc. (OPSI) Funding	\$230.63
1317	North American Electric Reliability Corporation (NERC)	\$3,920.66
1318	Reliability First Corporation (RFC)	\$5,669.58
1319	Consumer Advocates of PJM States, Inc. (CAPS)	\$115.31
1320	Transmission Owner Scheduling, System Control and Dispatch Service	\$42,723.65
1330	Reactive Supply and Voltage Control from Generation and Other Sources Service	\$88,628.61
1340	Regulation and Frequency Response Service	\$40,366.98
1360	Synchronized Reserve	\$13,438.15
1361	Secondary Reserve	\$347.64
1362	Non-Synchronized Reserve	\$2,049.19
1370	Day-ahead Operating Reserve	\$36,276.85
1375	Balancing Operating Reserve	\$23,913.16
1376	Balancing Operating Reserve for Load Response	(\$0.06)

PJM Settlement, Inc.
2750 Monroe Blvd.
Audubon, PA 19403

CUSTOMER ACCOUNT: Illinois Municipal Electric Agency

CUSTOMER IDENTIFIERS [REDACTED]

FINAL BILLING STATEMENT ISSUED: 07/08/2024 09:34:10

BILLING PERIOD: 06/01/2024 to 06/30/2024

1380	Black Start Service	\$16,619.54
1400	Load Reconciliation for Spot Market Energy	(\$2,621.72)
1410	Load Reconciliation for Transmission Congestion	\$690.96
1420	Load Reconciliation for Transmission Losses	\$125.80
1430	Load Reconciliation for Inadvertent Interchange	\$0.86
1440	Load Reconciliation for PJM Scheduling, System Control and Dispatch Service	(\$39.73)
1443	Load Reconciliation for PJM Settlement, Inc.	(\$0.31)
1444	Load Reconciliation for Market Monitoring Unit (MMU) Funding	(\$0.78)
1445	Load Reconciliation for FERC Annual Recovery	(\$14.92)
1446	Load Reconciliation for Organization of PJM States, Inc. (OPSI) Funding	(\$0.13)
1447	Load Reconciliation for North American Electric Reliability Corporation (NERC)	(\$2.26)
1448	Load Reconciliation for Reliability First Corporation (RFC)	(\$3.27)
1449	Load Reconciliation for Consumer Advocates of PJM States, Inc. (CAPS) Funding	(\$0.07)
1450	Load Reconciliation for Transmission Owner Scheduling, System Control and Dispatch Service	(\$24.64)
1460	Load Reconciliation for Regulation and Frequency Response Service	(\$19.38)
1470	Load Reconciliation for Synchronized Reserve	(\$10.39)
1471	Load Reconciliation for Secondary Reserve	(\$0.08)
1472	Load Reconciliation for Non-Synchronized Reserve	(\$2.30)
1478	Load Reconciliation for Balancing Operating Reserve	(\$14.27)

PJM Settlement, Inc.
2750 Monroe Blvd.
Audubon, PA 19403

CUSTOMER ACCOUNT: Illinois Municipal Electric Agency

CUSTOMER IDENTIFIERS [REDACTED]

FINAL BILLING STATEMENT ISSUED: 07/08/2024 09:34:10

BILLING PERIOD: 06/01/2024 to 06/30/2024

1500		Financial Transmission Rights Auction		\$12,364.20
1600		RPM Auction		\$55,680.00
1610		Locational Reliability		\$453,339.60
1100	A	Network Integration Transmission Service	06/01/2024	\$29,404.01
1250	A	Meter Error Correction	05/01/2024	\$0.94
1340	A	Regulation and Frequency Response Service	03/01/2024	\$15.06
1340	A	Regulation and Frequency Response Service	04/01/2024	\$0.19
1340	A	Regulation and Frequency Response Service	05/01/2024	\$1.76
1360	A	Synchronized Reserve	02/01/2024	\$3.75
1361	A	Secondary Reserve	02/01/2024	(\$5.20)
1362	A	Non-Synchronized Reserve	02/01/2024	(\$0.01)
1375	A	Balancing Operating Reserve	07/01/2023	(\$118.26)
1375	A	Balancing Operating Reserve	02/01/2024	(\$3.79)
1375	A	Balancing Operating Reserve	03/01/2024	(\$131.39)
1375	A	Balancing Operating Reserve	04/01/2024	\$751.00
1375	A	Balancing Operating Reserve	05/01/2024	\$2.03
1380	A	Black Start Service	05/01/2024	(\$183.62)

Total Charges:

\$1,783,544.13

PJM Settlement, Inc.
2750 Monroe Blvd.
Audubon, PA 19403

CUSTOMER ACCOUNT: Illinois Municipal Electric Agency

CUSTOMER IDENTIFIERS [REDACTED]

FINAL BILLING STATEMENT ISSUED: 07/08/2024 09:34:10

BILLING PERIOD: 06/01/2024 to 06/30/2024

CREDITS	ADJ	BILLING LINE ITEM NAME	SOURCE BILLING PERIOD START	AMOUNT
2100		Network Integration Transmission Service		\$0.00
2108		Transmission Enhancement		\$53,581.20
2130		Firm Point-to-Point Transmission Service		\$19,590.94
2140		Non-Firm Point-to-Point Transmission Service		\$3,460.33
2211		Day-ahead Transmission Congestion		\$26,518.63
2215		Balancing Transmission Congestion		(\$76,524.36)
2220		Transmission Losses		\$83,143.92
2320		Transmission Owner Scheduling, System Control and Dispatch Service		\$0.00
2330		Reactive Supply and Voltage Control from Generation and Other Sources Service		\$41,781.22
2340		Regulation and Frequency Response Service		\$0.00
2360		Balancing Synchronized Reserve		\$5,560.77
2361		Balancing Secondary Reserve		\$0.00
2366		Day-ahead Synchronized Reserve		\$1,859.53
2367		Day-ahead Secondary Reserve		\$0.00
2368		Day-ahead Non-Synchronized Reserve		\$0.00
2370		Day-ahead Operating Reserve		\$0.00
2375		Balancing Operating Reserve		\$56,654.79
2380		Black Start Service		\$0.00

CUSTOMER ACCOUNT: Illinois Municipal Electric Agency

CUSTOMER IDENTIFIERS [REDACTED]

FINAL BILLING STATEMENT ISSUED: 07/08/2024 09:34:10

BILLING PERIOD: 06/01/2024 to 06/30/2024

2415		Balancing Transmission Congestion Load Reconciliation		\$59.61
2420		Load Reconciliation for Transmission Losses		(\$22.55)
2510		Auction Revenue Rights		\$156,726.90
2600		RPM Auction		\$374,408.70
2640		Incremental Capacity Transfer Rights		\$964.20
2661		Capacity Resource Deficiency		\$22,565.96
2662		Generation Resource Rating Test Failure		\$2,351.22
2681		FRR LSE Capacity Resource Deficiency		\$2,571.21
2140	A	Non-Firm Point-to-Point Transmission Service	05/01/2024	\$60.22
2215	A	Balancing Transmission Congestion	01/01/2023	\$37.26
2215	A	Balancing Transmission Congestion	03/01/2023	\$5.51
2215	A	Balancing Transmission Congestion	07/01/2023	\$28.70
2215	A	Balancing Transmission Congestion	09/01/2023	\$149.13
2215	A	Balancing Transmission Congestion	04/01/2024	\$92.47
2217	A	Planning Period Excess Congestion	05/01/2024	\$394.11
2390	A	Fuel Cost Policy Penalty	05/01/2024	\$25.61
2661	A	Capacity Resource Deficiency	05/01/2024	(\$3.72)
2661	A	Capacity Resource Deficiency	06/01/2024	(\$221.91)

Total Credits: **\$775,819.60**



Memorandum

To: Brian Groth

From: Troy Fodor

Date: May 12, 2025

Re: IMEA - PJM Billing Explanation - July 2024

You have asked that IMEA share copies of the monthly billing statements we receive from PJM Settlement, Inc. for calendar year 2024 (CY24). We are willing to share the monthly statements, but a certain amount of explanation is required.

The PJM billing statement has numerous line items with no descriptions other than the line item's title, and the statement contains charges and credits for all PJM transactions, including transmission, ancillary services, capacity, energy, and PJM administrative charges for all IMEA members located in the PJM region. The monthly bill to Naperville from IMEA breaks out and aggregates the charges and credits from PJM. It should also be noted that roughly half of IMEA's load is located in MISO and that the PJM and MISO costs are aggregated together and socialized among all IMEA members in IMEA's postage stamp rates.

The purpose of this memo is to provide a list of the line items from the PJM billing statements that are included in either transmission, capacity or energy for purposes of IMEA's bill to Members. Additional information about PJM's billing statements can be found on the PJM website. See for example, [*Customer Guide to PJM Billing*](#), which gives a fuller description of each line item.

The PJM billing statement for the July 2024 billing period is attached hereto.

Transmission

Network Integrated Transmission Service (NITS) from PJM includes the charges based on ComEd's formula rate to recover ComEd's investment in its transmission system and its operating expenses. While NITS charges are the largest transmission

related cost, there are many other transmission related charges from PJM that are not included in NITS. The line items on the PJM billing statement that are tracked as transmission related are the following (there may be other line items properly tracked as transmission related that appear infrequently or that show a zero balance on a given month's bill):

1100	1140	1301	1330	1450	2130	2218	2415
1108	1210 (partial)*	1302	1340	1460	2140	2320	2510
1115	1215 (partial)*	1303	1380	1500	2211	2330	
1120	1216	1305	1410	2100	2215	2340	
1130	1218	1320	1440	2108	2217	2380	

* Line items 1210 (Day-ahead Transmission Congestion) and 1215 (Balancing Transmission Congestion) are manually split by IMEA between transmission and energy. The portion of the congestion costs or credits related to the delivery of Prairie State from MISO to PJM are captured and tracked by IMEA as energy related costs. The remainder of the congestion costs or credits are transmission related. The Prairie State related congestion costs or credits are determined based on the financial settlement of flows of electricity between PJM and MISO. IMEA calculates these amounts for the Day-ahead market and the Real-time market as follows: PJM's congestion portion of the locational marginal price (LMP) at the Prairie State node is subtracted from PJM's congestion portion of the LMP at the Naperville node. There are no similar congestion costs or credits for delivery of Trimble County energy from LG&E to PJM.

The portion of line items 1210 and 1215 that are transmission related costs/credits for July 2024 are positive \$219,391.62 and negative \$14,632.29, respectively.

For IMEA CY24 Network Integration Transmission Service and Other Supporting Facilities represent ~82.5% of the IMEA PJM transmission costs. Reactive Supply and Voltage Control represents ~3.9% of the IMEA PJM transmission costs. Transmission Enhancement charges and credits represent ~3.7% of the IMEA transmission costs. Day-Ahead, Balancing Transmission Congestion, Auction Revenue Rights, Financial Transmission Rights and Transmission related energy costs/credits represent ~6.2% of the IMEA transmission costs. PJM and Transmission Owner Scheduling, System Control and Dispatch, Regulation and Frequency Response and Black Start represents ~6.5% of the IMEA PJM transmission costs. There is a credit of 1.0% for Point to Point and a credit of 1.8%

for Reactive Supply and Voltage support. These percentages change from year to year, but the general composition of the charges/credits should remain proportional from year to year.

Capacity

PJM controls the capacity market for its region. Capacity is basically the ability of a generating resource to produce electricity at any time when called; 24x7x365. PJM models the loads and available generation for the region as a whole and for certain individual Local Deliverability Areas (LDAs) that have historically been constrained, which in recent years has included the ComEd zone. The general design of this market is a 3-year forward auction construct. It consists of a Base Residual Auction and 3 Incremental Auctions for each Delivery Year. The 3-year forward aspect has been compressed in recent years due to previous auctions having been delayed and some of the Incremental Auctions have not been held. PJM does not own any generating resources, but it requires the generating resources that are connected to the transmission system that it controls (or pseudo-tied into its region) to bid into the capacity auctions, and if they get approved in the auctions, they are required to bid into the energy market every day. PJM charges load serving entities for capacity and pays generating resources that got approved for payment in the auctions for providing that capacity. The line items on the PJM billing statement that are tracked as capacity related are the following (there may be other line items properly tracked as capacity related that appear infrequently or that show a zero balance on a given month's bill):

1600	1667	2605	2661	2666	2681
1610	2600	2640	2662	2667	

Energy

PJM controls the energy markets in its region. It requires generating resources to bid into the energy markets every 5 minutes of every day; 24x7x365. **PJM dispatches the least cost generating units that are selected from the bids for every 5 minutes of every day.** PJM charges load serving entities for energy and pays generating resources for energy delivered to the grid. The line items on the PJM billing statement that are tracked as energy related are the following (there may be other line items properly tracked as energy related that appear infrequently or that show a zero balance on a given month's bill):

1200	1243	1318	1375	1446	1957	2375
1205	1246	1319	1376	1447	2220	2390
1210 (partial)*	1250	1360	1400	1448	2360	2420
1215 (partial)*	1313	1361	1420	1449	2361	2980
1220	1314	1362	1430	1470	2366	
1225	1315	1365	1443	1471	2367	
1230	1316	1370	1444	1472	2368	
1242	1317	1371	1445	1478	2370	

* Line items 1210 and 1215 are manually split by IMEA between energy and transmission. See explanation of the determination of the split noted above.

The portion of line items 1210 and 1215 that are energy related costs/credits for July 2024 are negative \$281,194.36 and negative \$21,930.49, respectively.

We understand that you may provide this to one or more of your municipal electric customers and that the statements may be posted to the internet. While we would prefer that the IMEA PJM billing statements not be posted to the internet due to the high potential of the documents being misunderstood or misstated, if they are to be provided to members of the public that intend to post them, we ask that this memo be posted with the billing statements.

Illinois Municipal Electric Agency
Illinois Public Energy Agency
Illinois Municipal Utilities Association
www.imea.org

INVOICE NUMBER: 2024073107162

CUSTOMER ACCOUNT: Illinois Municipal Electric Agency

CUSTOMER IDENTIFIERS: [REDACTED]

FINAL BILLING STATEMENT ISSUED: 08/07/2024 11:55:07

BILLING PERIOD: 07/01/2024 to 07/31/2024

Monthly Billing Total: (\$11,362.68)

Previous Weekly Billing Total: (\$630,097.64)

Monthly Billing Statement Summary		Total
Total Net Charge. Please Pay This Amount.		\$618,734.96

TERMS: PAYABLE IN FULL BY 12:00 PM EPT ON 2024-08-16

Fed Wire/ACH Bank Instructions: PJM Settlement, Inc.

[REDACTED]
[REDACTED]
[REDACTED]
[REDACTED]

FOR INQUIRIES CONTACT:

PJM MEMBER RELATIONS (Banking / Payment): custsvc@pjm.com (866) 400-8980

PJM MARKET SETTLEMENTS (Billing Line Items): mrkt_settlement_ops@pjm.com (866) 400-8980

ADDITIONAL BILLING STATEMENT INFORMATION:

This cover page includes PJM Settlement, Inc. banking information that is NOT to be publicly shared. In order to reduce the risk of potential fraud, please redact any PJM Settlement banking information prior to including these billing statements in any public documents.

Stephen Lawson
President

CUSTOMER ACCOUNT: Illinois Municipal Electric Agency

CUSTOMER IDENTIFIERS 

FINAL BILLING STATEMENT ISSUED: 08/07/2024 11:55:07

BILLING PERIOD: 07/01/2024 to 07/31/2024

CHARGES	ADJ	BILLING LINE ITEM NAME	SOURCE BILLING PERIOD START	AMOUNT
1100		Network Integration Transmission Service		\$1,644,831.48
1108		Transmission Enhancement		\$158,746.83
1115		Transmission Enhancement Settlement (EL05-121-009)		(\$26,604.53)
1120		Other Supporting Facilities		\$268,599.48
1130		Firm Point-to-Point Transmission Service		\$0.00
1140		Non-Firm Point-to-Point Transmission Service		\$0.00
1200		Day-ahead Spot Market Energy		(\$2,386,026.15)
1205		Balancing Spot Market Energy		\$13,906.93
1210		Day-ahead Transmission Congestion		(\$61,802.74)
1215		Balancing Transmission Congestion		(\$36,562.78)
1216		Pseudo-Tie Balancing Congestion Refund		(\$3,219.68)
1220		Day-ahead Transmission Losses		\$204,172.36
1225		Balancing Transmission Losses		\$556.06
1230		Inadvertent Interchange		\$8,474.97
1242		Day-Ahead Load Response Charge Allocation		\$1,277.57
1243		Real-Time Load Response Charge Allocation		\$295.41
1250		Meter Error Correction		\$2.25
1301		PJM Scheduling, System Control and Dispatch Service - Control Area Administration		\$42,384.11

PJM Settlement, Inc.
2750 Monroe Blvd.
Audubon, PA 19403

CUSTOMER ACCOUNT: Illinois Municipal Electric Agency

CUSTOMER IDENTIFIERS 

FINAL BILLING STATEMENT ISSUED: 08/07/2024 11:55:07

BILLING PERIOD: 07/01/2024 to 07/31/2024

1302	PJM Scheduling, System Control and Dispatch Service - FTR Administration	\$22.02
1303	PJM Scheduling, System Control and Dispatch Service - Market Support	\$17,095.34
1305	PJM Scheduling, System Control and Dispatch Service - Capacity Resource/Obligation Mgmt.	\$5,215.94
1313	PJM Settlement, Inc.	\$1,122.81
1314	Market Monitoring Unit (MMU) Funding	\$3,389.30
1315	FERC Annual Recovery	\$27,045.13
1316	Organization of PJM States, Inc. (OPSI) Funding	\$241.12
1317	North American Electric Reliability Corporation (NERC)	\$4,098.97
1318	Reliability First Corporation (RFC)	\$5,927.43
1319	Consumer Advocates of PJM States, Inc. (CAPS)	\$120.56
1320	Transmission Owner Scheduling, System Control and Dispatch Service	\$44,666.67
1330	Reactive Supply and Voltage Control from Generation and Other Sources Service	\$92,370.08
1340	Regulation and Frequency Response Service	\$55,259.61
1360	Synchronized Reserve	\$16,481.70
1361	Secondary Reserve	\$781.72
1362	Non-Synchronized Reserve	\$3,090.89
1370	Day-ahead Operating Reserve	\$18,562.84
1375	Balancing Operating Reserve	\$27,322.43
1376	Balancing Operating Reserve for Load Response	(\$0.31)

PJM Settlement, Inc.
2750 Monroe Blvd.
Audubon, PA 19403

CUSTOMER ACCOUNT: Illinois Municipal Electric Agency

CUSTOMER IDENTIFIERS [REDACTED]

FINAL BILLING STATEMENT ISSUED: 08/07/2024 11:55:07

BILLING PERIOD: 07/01/2024 to 07/31/2024

1380	Black Start Service	\$16,966.52
1400	Load Reconciliation for Spot Market Energy	\$292.50
1410	Load Reconciliation for Transmission Congestion	(\$905.62)
1420	Load Reconciliation for Transmission Losses	(\$8.42)
1430	Load Reconciliation for Inadvertent Interchange	\$0.89
1440	Load Reconciliation for PJM Scheduling, System Control and Dispatch Service	\$0.60
1443	Load Reconciliation for PJM Settlement, Inc.	\$0.01
1444	Load Reconciliation for Market Monitoring Unit (MMU) Funding	(\$0.02)
1445	Load Reconciliation for FERC Annual Recovery	\$0.23
1447	Load Reconciliation for North American Electric Reliability Corporation (NERC)	\$0.03
1448	Load Reconciliation for Reliability First Corporation (RFC)	\$0.05
1450	Load Reconciliation for Transmission Owner Scheduling, System Control and Dispatch Service	\$0.38
1460	Load Reconciliation for Regulation and Frequency Response Service	\$11.46
1470	Load Reconciliation for Synchronized Reserve	(\$0.46)
1472	Load Reconciliation for Non-Synchronized Reserve	\$0.04
1478	Load Reconciliation for Balancing Operating Reserve	(\$4.80)
1500	Financial Transmission Rights Auction	\$12,776.34
1600	RPM Auction	\$57,536.00
1610	Locational Reliability	\$468,450.92

PJM Settlement, Inc.
2750 Monroe Blvd.
Audubon, PA 19403

CUSTOMER ACCOUNT: Illinois Municipal Electric Agency

CUSTOMER IDENTIFIERS 

FINAL BILLING STATEMENT ISSUED: 08/07/2024 11:55:07

BILLING PERIOD: 07/01/2024 to 07/31/2024

1100	A	Network Integration Transmission Service	07/01/2024	\$29,404.01
1246	A	Load Response Test Reduction	10/01/2023	(\$66.16)
1246	A	Load Response Test Reduction	11/01/2023	(\$3.32)
1246	A	Load Response Test Reduction	12/01/2023	(\$4.38)
1246	A	Load Response Test Reduction	01/01/2024	(\$1.66)
1250	A	Meter Error Correction	06/01/2024	(\$5.07)
1340	A	Regulation and Frequency Response Service	04/01/2024	\$19.18
1340	A	Regulation and Frequency Response Service	05/01/2024	\$6.73
1340	A	Regulation and Frequency Response Service	06/01/2024	\$25.57
1360	A	Synchronized Reserve	03/01/2024	\$7.59
1360	A	Synchronized Reserve	05/01/2024	\$0.58
1360	A	Synchronized Reserve	06/01/2024	\$0.53
1361	A	Secondary Reserve	03/01/2024	(\$0.26)
1362	A	Non-Synchronized Reserve	03/01/2024	(\$1.50)
1370	A	Day-ahead Operating Reserve	03/01/2024	\$0.03
1375	A	Balancing Operating Reserve	03/01/2024	(\$2.63)
1375	A	Balancing Operating Reserve	04/01/2024	(\$162.94)
1375	A	Balancing Operating Reserve	05/01/2024	\$20.25
1375	A	Balancing Operating Reserve	06/01/2024	\$7.87

PJM Settlement, Inc.
2750 Monroe Blvd.
Audubon, PA 19403

CUSTOMER ACCOUNT: Illinois Municipal Electric Agency

CUSTOMER IDENTIFIERS 

FINAL BILLING STATEMENT ISSUED: 08/07/2024 11:55:07

BILLING PERIOD: 07/01/2024 to 07/31/2024

1376	A	Balancing Operating Reserve for Load Response	09/01/2023	\$0.04
1376	A	Balancing Operating Reserve for Load Response	11/01/2023	(\$0.01)
1380	A	Black Start Service	05/01/2024	\$183.62
1380	A	Black Start Service	06/01/2024	\$191.15
1957	A	Schedule 11A PJM Net	07/01/2024	\$4,792.02

Total Charges: \$741,373.71

PJM Settlement, Inc.
2750 Monroe Blvd.
Audubon, PA 19403

CUSTOMER ACCOUNT: Illinois Municipal Electric Agency

CUSTOMER IDENTIFIERS [REDACTED]

FINAL BILLING STATEMENT ISSUED: 08/07/2024 11:55:07

BILLING PERIOD: 07/01/2024 to 07/31/2024

CREDITS	ADJ	BILLING LINE ITEM NAME	SOURCE BILLING PERIOD START	AMOUNT
2100		Network Integration Transmission Service		\$0.00
2108		Transmission Enhancement		\$53,581.20
2130		Firm Point-to-Point Transmission Service		\$23,012.22
2140		Non-Firm Point-to-Point Transmission Service		\$2,691.57
2211		Day-ahead Transmission Congestion		\$3,720.42
2215		Balancing Transmission Congestion		(\$101,551.96)
2220		Transmission Losses		\$138,039.68
2320		Transmission Owner Scheduling, System Control and Dispatch Service		\$0.00
2330		Reactive Supply and Voltage Control from Generation and Other Sources Service		\$41,781.22
2340		Regulation and Frequency Response Service		\$0.00
2360		Balancing Synchronized Reserve		\$9,902.03
2361		Balancing Secondary Reserve		\$0.00
2366		Day-ahead Synchronized Reserve		\$947.13
2367		Day-ahead Secondary Reserve		\$0.00
2368		Day-ahead Non-Synchronized Reserve		\$0.00
2370		Day-ahead Operating Reserve		\$0.00
2375		Balancing Operating Reserve		\$5,004.03
2380		Black Start Service		\$0.00

PJM Settlement, Inc.
2750 Monroe Blvd.
Audubon, PA 19403

CUSTOMER ACCOUNT: Illinois Municipal Electric Agency

CUSTOMER IDENTIFIERS [REDACTED]

FINAL BILLING STATEMENT ISSUED: 08/07/2024 11:55:07

BILLING PERIOD: 07/01/2024 to 07/31/2024

2390		Fuel Cost Policy Penalty		\$8.72
2415		Balancing Transmission Congestion Load Reconciliation		(\$29.46)
2420		Load Reconciliation for Transmission Losses		\$10.42
2510		Auction Revenue Rights		\$161,633.38
2600		RPM Auction		\$386,888.99
2640		Incremental Capacity Transfer Rights		\$996.34
2661		Capacity Resource Deficiency		\$23,331.51
2681		FRR LSE Capacity Resource Deficiency		\$2,571.32
2140	A	Non-Firm Point-to-Point Transmission Service	06/01/2024	\$10.62
2211	A	Day-ahead Transmission Congestion	06/01/2024	\$0.02
2390	A	Fuel Cost Policy Penalty	01/01/2024	\$26.38
2390	A	Fuel Cost Policy Penalty	05/01/2024	\$96.75
2661	A	Capacity Resource Deficiency	06/01/2024	\$293.17
2661	A	Capacity Resource Deficiency	07/01/2024	(\$229.31)

Total Credits: \$752,736.39



Memorandum

To: Brian Groth

From: Troy Fodor

Date: May 12, 2025

Re: IMEA - PJM Billing Explanation - August 2024

You have asked that IMEA share copies of the monthly billing statements we receive from PJM Settlement, Inc. for calendar year 2024 (CY24). We are willing to share the monthly statements, but a certain amount of explanation is required.

The PJM billing statement has numerous line items with no descriptions other than the line item's title, and the statement contains charges and credits for all PJM transactions, including transmission, ancillary services, capacity, energy, and PJM administrative charges for all IMEA members located in the PJM region. The monthly bill to Naperville from IMEA breaks out and aggregates the charges and credits from PJM. It should also be noted that roughly half of IMEA's load is located in MISO and that the PJM and MISO costs are aggregated together and socialized among all IMEA members in IMEA's postage stamp rates.

The purpose of this memo is to provide a list of the line items from the PJM billing statements that are included in either transmission, capacity or energy for purposes of IMEA's bill to Members. Additional information about PJM's billing statements can be found on the PJM website. See for example, [*Customer Guide to PJM Billing*](#), which gives a fuller description of each line item.

The PJM billing statement for the August 2024 billing period is attached hereto.

Transmission

Network Integrated Transmission Service (NITS) from PJM includes the charges based on ComEd's formula rate to recover ComEd's investment in its transmission system and its operating expenses. While NITS charges are the largest transmission

related cost, there are many other transmission related charges from PJM that are not included in NITS. The line items on the PJM billing statement that are tracked as transmission related are the following (there may be other line items properly tracked as transmission related that appear infrequently or that show a zero balance on a given month's bill):

1100	1140	1301	1330	1450	2130	2218	2415
1108	1210 (partial)*	1302	1340	1460	2140	2320	2510
1115	1215 (partial)*	1303	1380	1500	2211	2330	
1120	1216	1305	1410	2100	2215	2340	
1130	1218	1320	1440	2108	2217	2380	

* Line items 1210 (Day-ahead Transmission Congestion) and 1215 (Balancing Transmission Congestion) are manually split by IMEA between transmission and energy. The portion of the congestion costs or credits related to the delivery of Prairie State from MISO to PJM are captured and tracked by IMEA as energy related costs. The remainder of the congestion costs or credits are transmission related. The Prairie State related congestion costs or credits are determined based on the financial settlement of flows of electricity between PJM and MISO. IMEA calculates these amounts for the Day-ahead market and the Real-time market as follows: PJM's congestion portion of the locational marginal price (LMP) at the Prairie State node is subtracted from PJM's congestion portion of the LMP at the Naperville node. There are no similar congestion costs or credits for delivery of Trimble County energy from LG&E to PJM.

The portion of line items 1210 and 1215 that are transmission related costs/credits for August 2024 are positive \$63,056.08 and positive \$6,882.75, respectively.

For IMEA CY24 Network Integration Transmission Service and Other Supporting Facilities represent ~82.5% of the IMEA PJM transmission costs. Reactive Supply and Voltage Control represents ~3.9% of the IMEA PJM transmission costs. Transmission Enhancement charges and credits represent ~3.7% of the IMEA transmission costs. Day-Ahead, Balancing Transmission Congestion, Auction Revenue Rights, Financial Transmission Rights and Transmission related energy costs/credits represent ~6.2% of the IMEA transmission costs. PJM and Transmission Owner Scheduling, System Control and Dispatch, Regulation and Frequency Response and Black Start represents ~6.5% of the IMEA PJM transmission costs. There is a credit of 1.0% for Point to Point and a credit of 1.8%

for Reactive Supply and Voltage support. These percentages change from year to year, but the general composition of the charges/credits should remain proportional from year to year.

Capacity

PJM controls the capacity market for its region. Capacity is basically the ability of a generating resource to produce electricity at any time when called; 24x7x365. PJM models the loads and available generation for the region as a whole and for certain individual Local Deliverability Areas (LDAs) that have historically been constrained, which in recent years has included the ComEd zone. The general design of this market is a 3-year forward auction construct. It consists of a Base Residual Auction and 3 Incremental Auctions for each Delivery Year. The 3-year forward aspect has been compressed in recent years due to previous auctions having been delayed and some of the Incremental Auctions have not been held. PJM does not own any generating resources, but it requires the generating resources that are connected to the transmission system that it controls (or pseudo-tied into its region) to bid into the capacity auctions, and if they get approved in the auctions, they are required to bid into the energy market every day. PJM charges load serving entities for capacity and pays generating resources that got approved for payment in the auctions for providing that capacity. The line items on the PJM billing statement that are tracked as capacity related are the following (there may be other line items properly tracked as capacity related that appear infrequently or that show a zero balance on a given month's bill):

1600	1667	2605	2661	2666	2681
1610	2600	2640	2662	2667	

Energy

PJM controls the energy markets in its region. It requires generating resources to bid into the energy markets every 5 minutes of every day; 24x7x365. **PJM dispatches the least cost generating units that are selected from the bids for every 5 minutes of every day.** PJM charges load serving entities for energy and pays generating resources for energy delivered to the grid. The line items on the PJM billing statement that are tracked as energy related are the following (there may be other line items properly tracked as energy related that appear infrequently or that show a zero balance on a given month's bill):

1200	1243	1318	1375	1446	1957	2375
1205	1246	1319	1376	1447	2220	2390
1210 (partial)*	1250	1360	1400	1448	2360	2420
1215 (partial)*	1313	1361	1420	1449	2361	2980
1220	1314	1362	1430	1470	2366	
1225	1315	1365	1443	1471	2367	
1230	1316	1370	1444	1472	2368	
1242	1317	1371	1445	1478	2370	

* Line items 1210 and 1215 are manually split by IMEA between energy and transmission. See explanation of the determination of the split noted above.

The portion of line items 1210 and 1215 that are energy related costs/credits for August 2024 are positive \$24,948.35 and negative \$858.78, respectively.

We understand that you may provide this to one or more of your municipal electric customers and that the statements may be posted to the internet. While we would prefer that the IMEA PJM billing statements not be posted to the internet due to the high potential of the documents being misunderstood or misstated, if they are to be provided to members of the public that intend to post them, we ask that this memo be posted with the billing statements.

Illinois Municipal Electric Agency
Illinois Public Energy Agency
Illinois Municipal Utilities Association
www.imea.org

INVOICE NUMBER: 2024083107162

CUSTOMER ACCOUNT: Illinois Municipal Electric Agency

CUSTOMER IDENTIFIERS: [REDACTED]

FINAL BILLING STATEMENT ISSUED: 09/09/2024 08:36:39

BILLING PERIOD: 08/01/2024 to 08/31/2024

Monthly Billing Total: \$543,483.07

Previous Weekly Billing Total: (\$15,716.26)

Monthly Billing Statement Summary	Total
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Total Net Charge. Please Pay This Amount.	\$559,199.33
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TERMS: PAYABLE IN FULL BY 12:00 PM EPT ON 2024-09-13

Fed Wire/ACH Bank Instructions: PJM Settlement, Inc.

[REDACTED]
[REDACTED]
[REDACTED]
[REDACTED]

FOR INQUIRIES CONTACT:

PJM MEMBER RELATIONS (Banking / Payment): custsvc@pjm.com (866) 400-8980

PJM MARKET SETTLEMENTS (Billing Line Items): mrkt_settlement_ops@pjm.com (866) 400-8980

ADDITIONAL BILLING STATEMENT INFORMATION:

This cover page includes PJM Settlement, Inc. banking information that is NOT to be publicly shared. In order to reduce the risk of potential fraud, please redact any PJM Settlement banking information prior to including these billing statements in any public documents.

Stephen Lawson
President

CUSTOMER ACCOUNT: Illinois Municipal Electric Agency

CUSTOMER IDENTIFIERS 

FINAL BILLING STATEMENT ISSUED: 09/09/2024 08:36:39

BILLING PERIOD: 08/01/2024 to 08/31/2024

CHARGES	ADJ	BILLING LINE ITEM NAME	SOURCE BILLING PERIOD START	AMOUNT
1100		Network Integration Transmission Service		\$1,644,831.48
1108		Transmission Enhancement		\$158,746.83
1115		Transmission Enhancement Settlement (EL05-121-009)		(\$26,604.53)
1120		Other Supporting Facilities		\$268,599.48
1130		Firm Point-to-Point Transmission Service		\$0.00
1140		Non-Firm Point-to-Point Transmission Service		\$0.00
1200		Day-ahead Spot Market Energy		(\$1,915,221.12)
1205		Balancing Spot Market Energy		\$56,094.51
1210		Day-ahead Transmission Congestion		\$88,004.43
1215		Balancing Transmission Congestion		\$6,023.97
1216		Pseudo-Tie Balancing Congestion Refund		(\$12.15)
1220		Day-ahead Transmission Losses		\$129,366.64
1225		Balancing Transmission Losses		(\$7,403.09)
1230		Inadvertent Interchange		\$4,298.83
1242		Day-Ahead Load Response Charge Allocation		\$2,075.99
1243		Real-Time Load Response Charge Allocation		\$255.22
1246		Load Response Test Reduction		\$52.04
1250		Meter Error Correction		(\$8.61)

PJM Settlement, Inc.
2750 Monroe Blvd.
Audubon, PA 19403

CUSTOMER ACCOUNT: Illinois Municipal Electric Agency

CUSTOMER IDENTIFIERS 

FINAL BILLING STATEMENT ISSUED: 09/09/2024 08:36:39

BILLING PERIOD: 08/01/2024 to 08/31/2024

1301	PJM Scheduling, System Control and Dispatch Service - Control Area Administration	\$42,619.19
1302	PJM Scheduling, System Control and Dispatch Service - FTR Administration	\$20.78
1303	PJM Scheduling, System Control and Dispatch Service - Market Support	\$17,005.10
1305	PJM Scheduling, System Control and Dispatch Service - Capacity Resource/Obligation Mgmt.	\$5,019.85
1313	PJM Settlement, Inc.	\$1,098.64
1314	Market Monitoring Unit (MMU) Funding	\$3,378.60
1315	FERC Annual Recovery	\$27,054.70
1316	Organization of PJM States, Inc. (OPSI) Funding	\$241.20
1317	North American Electric Reliability Corporation (NERC)	\$4,100.41
1318	Reliability First Corporation (RFC)	\$5,929.52
1319	Consumer Advocates of PJM States, Inc. (CAPS)	\$120.60
1320	Transmission Owner Scheduling, System Control and Dispatch Service	\$44,682.46
1330	Reactive Supply and Voltage Control from Generation and Other Sources Service	\$91,861.81
1340	Regulation and Frequency Response Service	\$43,692.44
1360	Synchronized Reserve	\$15,373.58
1361	Secondary Reserve	\$982.52
1362	Non-Synchronized Reserve	\$2,560.72
1370	Day-ahead Operating Reserve	\$15,888.43
1375	Balancing Operating Reserve	\$19,409.62

PJM Settlement, Inc.
2750 Monroe Blvd.
Audubon, PA 19403

CUSTOMER ACCOUNT: Illinois Municipal Electric Agency

CUSTOMER IDENTIFIERS 

FINAL BILLING STATEMENT ISSUED: 09/09/2024 08:36:39

BILLING PERIOD: 08/01/2024 to 08/31/2024

1376	Balancing Operating Reserve for Load Response	(\$0.08)
1380	Black Start Service	\$16,872.91
1400	Load Reconciliation for Spot Market Energy	\$7,033.14
1410	Load Reconciliation for Transmission Congestion	(\$1,479.26)
1420	Load Reconciliation for Transmission Losses	(\$571.60)
1430	Load Reconciliation for Inadvertent Interchange	\$10.83
1440	Load Reconciliation for PJM Scheduling, System Control and Dispatch Service	\$24.16
1443	Load Reconciliation for PJM Settlement, Inc.	\$0.19
1444	Load Reconciliation for Market Monitoring Unit (MMU) Funding	\$0.70
1445	Load Reconciliation for FERC Annual Recovery	\$12.99
1446	Load Reconciliation for Organization of PJM States, Inc. (OPSI) Funding	\$0.12
1447	Load Reconciliation for North American Electric Reliability Corporation (NERC)	\$1.97
1448	Load Reconciliation for Reliability First Corporation (RFC)	\$2.85
1449	Load Reconciliation for Consumer Advocates of PJM States, Inc. (CAPS) Funding	\$0.06
1450	Load Reconciliation for Transmission Owner Scheduling, System Control and Dispatch Service	\$21.45
1460	Load Reconciliation for Regulation and Frequency Response Service	\$35.31
1470	Load Reconciliation for Synchronized Reserve	\$2.98
1471	Load Reconciliation for Secondary Reserve	\$0.98
1472	Load Reconciliation for Non-Synchronized Reserve	\$0.74

PJM Settlement, Inc.
2750 Monroe Blvd.
Audubon, PA 19403

CUSTOMER ACCOUNT: Illinois Municipal Electric Agency

CUSTOMER IDENTIFIERS [REDACTED]

FINAL BILLING STATEMENT ISSUED: 09/09/2024 08:36:39

BILLING PERIOD: 08/01/2024 to 08/31/2024

1478		Load Reconciliation for Balancing Operating Reserve		\$5.72
1500		Financial Transmission Rights Auction		\$12,776.34
1600		RPM Auction		\$57,536.00
1610		Locational Reliability		\$468,450.92
1100	A	Network Integration Transmission Service	08/01/2024	\$29,404.01
1250	A	Meter Error Correction	07/01/2024	(\$186.26)
1330	A	Reactive Supply and Voltage Control from Generation and Other Sources Service	06/01/2024	\$2,895.42
1340	A	Regulation and Frequency Response Service	05/01/2024	\$36.99
1340	A	Regulation and Frequency Response Service	07/01/2024	\$0.96
1360	A	Synchronized Reserve	04/01/2024	\$4.02
1362	A	Non-Synchronized Reserve	04/01/2024	(\$0.80)
1375	A	Balancing Operating Reserve	04/01/2024	(\$132.22)
1375	A	Balancing Operating Reserve	05/01/2024	(\$93.71)
1375	A	Balancing Operating Reserve	07/01/2024	(\$9,054.89)

Total Charges:

\$1,333,753.03

PJM Settlement, Inc.
2750 Monroe Blvd.
Audubon, PA 19403

CUSTOMER ACCOUNT: Illinois Municipal Electric Agency

CUSTOMER IDENTIFIERS [REDACTED]

FINAL BILLING STATEMENT ISSUED: 09/09/2024 08:36:39

BILLING PERIOD: 08/01/2024 to 08/31/2024

CREDITS	ADJ	BILLING LINE ITEM NAME	SOURCE BILLING PERIOD START	AMOUNT
2100		Network Integration Transmission Service		\$0.00
2108		Transmission Enhancement		\$53,581.20
2130		Firm Point-to-Point Transmission Service		\$20,581.51
2140		Non-Firm Point-to-Point Transmission Service		\$2,946.99
2211		Day-ahead Transmission Congestion		\$6,052.46
2215		Balancing Transmission Congestion		(\$50,876.74)
2220		Transmission Losses		\$105,562.54
2320		Transmission Owner Scheduling, System Control and Dispatch Service		\$0.00
2330		Reactive Supply and Voltage Control from Generation and Other Sources Service		\$41,781.22
2340		Regulation and Frequency Response Service		\$0.00
2360		Balancing Synchronized Reserve		\$5,090.82
2361		Balancing Secondary Reserve		\$0.00
2366		Day-ahead Synchronized Reserve		\$836.16
2367		Day-ahead Secondary Reserve		\$0.00
2368		Day-ahead Non-Synchronized Reserve		\$0.00
2370		Day-ahead Operating Reserve		\$0.00
2375		Balancing Operating Reserve		\$18.00
2380		Black Start Service		\$0.00

PJM Settlement, Inc.
2750 Monroe Blvd.
Audubon, PA 19403

CUSTOMER ACCOUNT: Illinois Municipal Electric Agency

CUSTOMER IDENTIFIERS [REDACTED]

FINAL BILLING STATEMENT ISSUED: 09/09/2024 08:36:39

BILLING PERIOD: 08/01/2024 to 08/31/2024

2415		Balancing Transmission Congestion Load Reconciliation			(\$15.03)
2420		Load Reconciliation for Transmission Losses			\$61.16
2510		Auction Revenue Rights			\$161,633.38
2600		RPM Auction			\$386,888.99
2640		Incremental Capacity Transfer Rights			\$996.34
2661		Capacity Resource Deficiency			\$23,022.68
2666		Load Management Test Failure			\$29,157.45
2681		FRR LSE Capacity Resource Deficiency			\$2,567.42
2140	A	Non-Firm Point-to-Point Transmission Service	07/01/2024		\$6.85
2211	A	Day-ahead Transmission Congestion	07/01/2024		\$0.01
2390	A	Fuel Cost Policy Penalty	02/01/2024		\$7.57
2661	A	Capacity Resource Deficiency	08/01/2024		(\$229.31)
2662	A	Generation Resource Rating Test Failure	06/01/2024		\$598.29

Total Credits: \$790,269.96



Memorandum

To: Brian Groth

From: Troy Fodor

Date: May 12, 2025

Re: IMEA - PJM Billing Explanation - September 2024

You have asked that IMEA share copies of the monthly billing statements we receive from PJM Settlement, Inc. for calendar year 2024 (CY24). We are willing to share the monthly statements, but a certain amount of explanation is required.

The PJM billing statement has numerous line items with no descriptions other than the line item's title, and the statement contains charges and credits for all PJM transactions, including transmission, ancillary services, capacity, energy, and PJM administrative charges for all IMEA members located in the PJM region. The monthly bill to Naperville from IMEA breaks out and aggregates the charges and credits from PJM. It should also be noted that roughly half of IMEA's load is located in MISO and that the PJM and MISO costs are aggregated together and socialized among all IMEA members in IMEA's postage stamp rates.

The purpose of this memo is to provide a list of the line items from the PJM billing statements that are included in either transmission, capacity or energy for purposes of IMEA's bill to Members. Additional information about PJM's billing statements can be found on the PJM website. See for example, [*Customer Guide to PJM Billing*](#), which gives a fuller description of each line item.

The PJM billing statement for the September 2024 billing period is attached hereto.

Transmission

Network Integrated Transmission Service (NITS) from PJM includes the charges based on ComEd's formula rate to recover ComEd's investment in its transmission system and its operating expenses. While NITS charges are the largest transmission

related cost, there are many other transmission related charges from PJM that are not included in NITS. The line items on the PJM billing statement that are tracked as transmission related are the following (there may be other line items properly tracked as transmission related that appear infrequently or that show a zero balance on a given month's bill):

1100	1140	1301	1330	1450	2130	2218	2415
1108	1210 (partial)*	1302	1340	1460	2140	2320	2510
1115	1215 (partial)*	1303	1380	1500	2211	2330	
1120	1216	1305	1410	2100	2215	2340	
1130	1218	1320	1440	2108	2217	2380	

* Line items 1210 (Day-ahead Transmission Congestion) and 1215 (Balancing Transmission Congestion) are manually split by IMEA between transmission and energy. The portion of the congestion costs or credits related to the delivery of Prairie State from MISO to PJM are captured and tracked by IMEA as energy related costs. The remainder of the congestion costs or credits are transmission related. The Prairie State related congestion costs or credits are determined based on the financial settlement of flows of electricity between PJM and MISO. IMEA calculates these amounts for the Day-ahead market and the Real-time market as follows: PJM's congestion portion of the locational marginal price (LMP) at the Prairie State node is subtracted from PJM's congestion portion of the LMP at the Naperville node. There are no similar congestion costs or credits for delivery of Trimble County energy from LG&E to PJM.

The portion of line items 1210 and 1215 that are transmission related costs/credits for September 2024 are positive \$55,241.64 and negative \$4,613.74, respectively.

For IMEA CY24 Network Integration Transmission Service and Other Supporting Facilities represent ~82.5% of the IMEA PJM transmission costs. Reactive Supply and Voltage Control represents ~3.9% of the IMEA PJM transmission costs. Transmission Enhancement charges and credits represent ~3.7% of the IMEA transmission costs. Day-Ahead, Balancing Transmission Congestion, Auction Revenue Rights, Financial Transmission Rights and Transmission related energy costs/credits represent ~6.2% of the IMEA transmission costs. PJM and Transmission Owner Scheduling, System Control and Dispatch, Regulation and Frequency Response and Black Start represents ~6.5% of the IMEA PJM transmission costs. There is a credit of 1.0% for Point to Point and a credit of 1.8%

for Reactive Supply and Voltage support. These percentages change from year to year, but the general composition of the charges/credits should remain proportional from year to year.

Capacity

PJM controls the capacity market for its region. Capacity is basically the ability of a generating resource to produce electricity at any time when called; 24x7x365. PJM models the loads and available generation for the region as a whole and for certain individual Local Deliverability Areas (LDAs) that have historically been constrained, which in recent years has included the ComEd zone. The general design of this market is a 3-year forward auction construct. It consists of a Base Residual Auction and 3 Incremental Auctions for each Delivery Year. The 3-year forward aspect has been compressed in recent years due to previous auctions having been delayed and some of the Incremental Auctions have not been held. PJM does not own any generating resources, but it requires the generating resources that are connected to the transmission system that it controls (or pseudo-tied into its region) to bid into the capacity auctions, and if they get approved in the auctions, they are required to bid into the energy market every day. PJM charges load serving entities for capacity and pays generating resources that got approved for payment in the auctions for providing that capacity. The line items on the PJM billing statement that are tracked as capacity related are the following (there may be other line items properly tracked as capacity related that appear infrequently or that show a zero balance on a given month's bill):

1600	1667	2605	2661	2666	2681
1610	2600	2640	2662	2667	

Energy

PJM controls the energy markets in its region. It requires generating resources to bid into the energy markets every 5 minutes of every day; 24x7x365. **PJM dispatches the least cost generating units that are selected from the bids for every 5 minutes of every day.** PJM charges load serving entities for energy and pays generating resources for energy delivered to the grid. The line items on the PJM billing statement that are tracked as energy related are the following (there may be other line items properly tracked as energy related that appear infrequently or that show a zero balance on a given month's bill):

1200	1243	1318	1375	1446	1957	2375
1205	1246	1319	1376	1447	2220	2390
1210 (partial)*	1250	1360	1400	1448	2360	2420
1215 (partial)*	1313	1361	1420	1449	2361	2980
1220	1314	1362	1430	1470	2366	
1225	1315	1365	1443	1471	2367	
1230	1316	1370	1444	1472	2368	
1242	1317	1371	1445	1478	2370	

* Line items 1210 and 1215 are manually split by IMEA between energy and transmission. See explanation of the determination of the split noted above.

The portion of line items 1210 and 1215 that are energy related costs/credits for September 2024 are positive \$296,557.44 and negative \$16,742.52, respectively.

We understand that you may provide this to one or more of your municipal electric customers and that the statements may be posted to the internet. While we would prefer that the IMEA PJM billing statements not be posted to the internet due to the high potential of the documents being misunderstood or misstated, if they are to be provided to members of the public that intend to post them, we ask that this memo be posted with the billing statements.

Illinois Municipal Electric Agency
Illinois Public Energy Agency
Illinois Municipal Utilities Association
www.imea.org

INVOICE NUMBER: 2024093007162

CUSTOMER ACCOUNT: Illinois Municipal Electric Agency

CUSTOMER IDENTIFIERS: [REDACTED]

FINAL BILLING STATEMENT ISSUED: 10/07/2024 08:47:40

BILLING PERIOD: 09/01/2024 to 09/30/2024

Monthly Billing Total: \$1,508,162.76

Previous Weekly Billing Total: \$866,153.63

Monthly Billing Statement Summary		Total
Total Net Charge. Please Pay This Amount.		\$642,009.13

TERMS: PAYABLE IN FULL BY 12:00 PM EPT ON 2024-10-11

Fed Wire/ACH Bank Instructions: PJM Settlement, Inc.

[REDACTED]
[REDACTED]
[REDACTED]
[REDACTED]

FOR INQUIRIES CONTACT:

PJM MEMBER RELATIONS (Banking / Payment): custsvc@pjm.com (866) 400-8980

PJM MARKET SETTLEMENTS (Billing Line Items): mrkt_settlement_ops@pjm.com (866) 400-8980

ADDITIONAL BILLING STATEMENT INFORMATION:

This cover page includes PJM Settlement, Inc. banking information that is NOT to be publicly shared. In order to reduce the risk of potential fraud, please redact any PJM Settlement banking information prior to including these billing statements in any public documents.

Stephen Lawson
President

CUSTOMER ACCOUNT: Illinois Municipal Electric Agency

CUSTOMER IDENTIFIERS 

FINAL BILLING STATEMENT ISSUED: 10/07/2024 08:47:40

BILLING PERIOD: 09/01/2024 to 09/30/2024

CHARGES	ADJ	BILLING LINE ITEM NAME	SOURCE BILLING PERIOD START	AMOUNT
1100		Network Integration Transmission Service		\$1,591,772.40
1108		Transmission Enhancement		\$158,746.83
1115		Transmission Enhancement Settlement (EL05-121-009)		(\$26,604.53)
1120		Other Supporting Facilities		\$268,599.48
1130		Firm Point-to-Point Transmission Service		\$0.00
1140		Non-Firm Point-to-Point Transmission Service		\$0.00
1200		Day-ahead Spot Market Energy		(\$1,203,773.22)
1205		Balancing Spot Market Energy		\$186,825.31
1210		Day-ahead Transmission Congestion		\$351,799.08
1215		Balancing Transmission Congestion		(\$21,356.26)
1216		Pseudo-Tie Balancing Congestion Refund		\$24,831.78
1220		Day-ahead Transmission Losses		\$44,656.03
1225		Balancing Transmission Losses		(\$2,976.28)
1230		Inadvertent Interchange		\$2,026.90
1242		Day-Ahead Load Response Charge Allocation		\$4,560.74
1243		Real-Time Load Response Charge Allocation		\$484.26
1246		Load Response Test Reduction		\$207.13
1250		Meter Error Correction		(\$10.84)

PJM Settlement, Inc.
2750 Monroe Blvd.
Audubon, PA 19403

CUSTOMER ACCOUNT: Illinois Municipal Electric Agency

CUSTOMER IDENTIFIERS 

FINAL BILLING STATEMENT ISSUED: 10/07/2024 08:47:40

BILLING PERIOD: 09/01/2024 to 09/30/2024

1301	PJM Scheduling, System Control and Dispatch Service - Control Area Administration	\$43,340.48
1302	PJM Scheduling, System Control and Dispatch Service - FTR Administration	\$20.05
1303	PJM Scheduling, System Control and Dispatch Service - Market Support	\$16,270.08
1305	PJM Scheduling, System Control and Dispatch Service - Capacity Resource/Obligation Mgmt.	\$5,070.87
1313	PJM Settlement, Inc.	\$1,097.78
1314	Market Monitoring Unit (MMU) Funding	\$2,769.39
1315	FERC Annual Recovery	\$22,502.46
1316	Organization of PJM States, Inc. (OPSI) Funding	\$200.62
1317	North American Electric Reliability Corporation (NERC)	\$3,410.48
1318	Reliability First Corporation (RFC)	\$4,931.82
1319	Consumer Advocates of PJM States, Inc. (CAPS)	\$100.31
1320	Transmission Owner Scheduling, System Control and Dispatch Service	\$37,164.15
1330	Reactive Supply and Voltage Control from Generation and Other Sources Service	\$92,447.17
1340	Regulation and Frequency Response Service	\$35,174.24
1360	Synchronized Reserve	\$18,456.15
1361	Secondary Reserve	\$318.75
1362	Non-Synchronized Reserve	\$2,685.88
1370	Day-ahead Operating Reserve	\$9,314.46
1371	Day-ahead Operating Reserve for Load Response	\$0.29

CUSTOMER ACCOUNT: Illinois Municipal Electric Agency

CUSTOMER IDENTIFIERS [REDACTED]

FINAL BILLING STATEMENT ISSUED: 10/07/2024 08:47:40

BILLING PERIOD: 09/01/2024 to 09/30/2024

1375	Balancing Operating Reserve	\$13,340.91
1376	Balancing Operating Reserve for Load Response	(\$0.03)
1380	Black Start Service	\$16,980.72
1400	Load Reconciliation for Spot Market Energy	(\$15,040.01)
1410	Load Reconciliation for Transmission Congestion	\$7,718.27
1420	Load Reconciliation for Transmission Losses	\$1,148.14
1430	Load Reconciliation for Inadvertent Interchange	(\$14.99)
1440	Load Reconciliation for PJM Scheduling, System Control and Dispatch Service	(\$49.73)
1443	Load Reconciliation for PJM Settlement, Inc.	(\$0.38)
1444	Load Reconciliation for Market Monitoring Unit (MMU) Funding	(\$1.42)
1445	Load Reconciliation for FERC Annual Recovery	(\$27.12)
1446	Load Reconciliation for Organization of PJM States, Inc. (OPSI) Funding	(\$0.24)
1447	Load Reconciliation for North American Electric Reliability Corporation (NERC)	(\$4.11)
1448	Load Reconciliation for Reliability First Corporation (RFC)	(\$5.94)
1449	Load Reconciliation for Consumer Advocates of PJM States, Inc. (CAPS) Funding	(\$0.12)
1450	Load Reconciliation for Transmission Owner Scheduling, System Control and Dispatch Service	(\$44.79)
1460	Load Reconciliation for Regulation and Frequency Response Service	(\$54.25)
1470	Load Reconciliation for Synchronized Reserve	(\$69.51)
1471	Load Reconciliation for Secondary Reserve	(\$1.03)

CUSTOMER ACCOUNT: Illinois Municipal Electric Agency

CUSTOMER IDENTIFIERS 

FINAL BILLING STATEMENT ISSUED: 10/07/2024 08:47:40

BILLING PERIOD: 09/01/2024 to 09/30/2024

1472		Load Reconciliation for Non-Synchronized Reserve		(\$15.33)
1478		Load Reconciliation for Balancing Operating Reserve		(\$12.06)
1500		Financial Transmission Rights Auction		\$12,364.20
1600		RPM Auction		\$55,680.00
1610		Locational Reliability		\$453,339.60
1100	A	Network Integration Transmission Service	09/01/2024	\$3,379.62
1250	A	Meter Error Correction	08/01/2024	\$19.90
1330	A	Reactive Supply and Voltage Control from Generation and Other Sources Service	09/01/2022	(\$12.65)
1330	A	Reactive Supply and Voltage Control from Generation and Other Sources Service	11/01/2022	(\$5.55)
1330	A	Reactive Supply and Voltage Control from Generation and Other Sources Service	12/01/2022	(\$7.14)
1330	A	Reactive Supply and Voltage Control from Generation and Other Sources Service	01/01/2023	(\$0.01)
1330	A	Reactive Supply and Voltage Control from Generation and Other Sources Service	03/01/2023	(\$5.89)
1330	A	Reactive Supply and Voltage Control from Generation and Other Sources Service	04/01/2023	(\$4.41)
1330	A	Reactive Supply and Voltage Control from Generation and Other Sources Service	05/01/2023	(\$2.30)
1330	A	Reactive Supply and Voltage Control from Generation and Other Sources Service	06/01/2023	(\$48.39)
1330	A	Reactive Supply and Voltage Control from Generation and Other Sources Service	07/01/2023	(\$134.00)
1330	A	Reactive Supply and Voltage Control from Generation and Other Sources Service	08/01/2023	(\$98.39)
1330	A	Reactive Supply and Voltage Control from Generation and Other Sources Service	09/01/2023	(\$30.14)
1330	A	Reactive Supply and Voltage Control from Generation and Other Sources Service	10/01/2023	(\$27.16)

CUSTOMER ACCOUNT: Illinois Municipal Electric Agency

CUSTOMER IDENTIFIERS 

FINAL BILLING STATEMENT ISSUED: 10/07/2024 08:47:40

BILLING PERIOD: 09/01/2024 to 09/30/2024

1330	A	Reactive Supply and Voltage Control from Generation and Other Sources Service	11/01/2023	(\$23.85)
1330	A	Reactive Supply and Voltage Control from Generation and Other Sources Service	12/01/2023	(\$6.72)
1330	A	Reactive Supply and Voltage Control from Generation and Other Sources Service	01/01/2024	(\$57.90)
1330	A	Reactive Supply and Voltage Control from Generation and Other Sources Service	04/01/2024	(\$77.25)
1330	A	Reactive Supply and Voltage Control from Generation and Other Sources Service	05/01/2024	(\$57.52)
1330	A	Reactive Supply and Voltage Control from Generation and Other Sources Service	06/01/2024	(\$99.01)
1330	A	Reactive Supply and Voltage Control from Generation and Other Sources Service	07/01/2024	(\$116.92)
1340	A	Regulation and Frequency Response Service	10/01/2022	(\$2,330.64)
1340	A	Regulation and Frequency Response Service	11/01/2022	(\$1,753.97)
1340	A	Regulation and Frequency Response Service	04/01/2023	(\$19.45)
1340	A	Regulation and Frequency Response Service	05/01/2023	(\$219.12)
1340	A	Regulation and Frequency Response Service	06/01/2023	(\$191.56)
1340	A	Regulation and Frequency Response Service	07/01/2023	(\$57.91)
1340	A	Regulation and Frequency Response Service	09/01/2023	(\$272.67)
1340	A	Regulation and Frequency Response Service	10/01/2023	(\$120.67)
1340	A	Regulation and Frequency Response Service	01/01/2024	(\$35.03)
1340	A	Regulation and Frequency Response Service	02/01/2024	(\$27.52)
1340	A	Regulation and Frequency Response Service	03/01/2024	(\$85.60)
1340	A	Regulation and Frequency Response Service	04/01/2024	(\$180.98)

CUSTOMER ACCOUNT: Illinois Municipal Electric Agency

CUSTOMER IDENTIFIERS 

FINAL BILLING STATEMENT ISSUED: 10/07/2024 08:47:40

BILLING PERIOD: 09/01/2024 to 09/30/2024

1340	A	Regulation and Frequency Response Service	05/01/2024	(\$1,310.45)
1340	A	Regulation and Frequency Response Service	06/01/2024	(\$45.54)
1340	A	Regulation and Frequency Response Service	07/01/2024	(\$15.27)
1340	A	Regulation and Frequency Response Service	08/01/2024	(\$41.26)
1360	A	Synchronized Reserve	10/01/2022	(\$66.33)
1360	A	Synchronized Reserve	11/01/2022	(\$55.12)
1360	A	Synchronized Reserve	04/01/2023	\$0.12
1360	A	Synchronized Reserve	05/01/2023	\$0.65
1360	A	Synchronized Reserve	06/01/2023	\$3.62
1360	A	Synchronized Reserve	07/01/2023	\$1.18
1360	A	Synchronized Reserve	09/01/2023	\$0.80
1360	A	Synchronized Reserve	10/01/2023	(\$13.13)
1360	A	Synchronized Reserve	01/01/2024	(\$2.93)
1360	A	Synchronized Reserve	02/01/2024	(\$1.49)
1360	A	Synchronized Reserve	03/01/2024	\$2.36
1360	A	Synchronized Reserve	04/01/2024	(\$1.61)
1360	A	Synchronized Reserve	05/01/2024	\$1.01
1360	A	Synchronized Reserve	06/01/2024	\$11.62
1360	A	Synchronized Reserve	07/01/2024	\$0.26

CUSTOMER ACCOUNT: Illinois Municipal Electric Agency

CUSTOMER IDENTIFIERS 

FINAL BILLING STATEMENT ISSUED: 10/07/2024 08:47:40

BILLING PERIOD: 09/01/2024 to 09/30/2024

1360	A	Synchronized Reserve	08/01/2024	\$24.24
1361	A	Secondary Reserve	10/01/2022	(\$8.90)
1361	A	Secondary Reserve	11/01/2022	(\$1.45)
1361	A	Secondary Reserve	06/01/2023	(\$0.27)
1361	A	Secondary Reserve	09/01/2023	(\$0.24)
1361	A	Secondary Reserve	10/01/2023	(\$0.01)
1361	A	Secondary Reserve	03/01/2024	\$0.01
1361	A	Secondary Reserve	04/01/2024	(\$0.37)
1361	A	Secondary Reserve	05/01/2024	(\$4.43)
1361	A	Secondary Reserve	06/01/2024	\$0.39
1361	A	Secondary Reserve	08/01/2024	\$5.70
1362	A	Non-Synchronized Reserve	05/01/2024	(\$3.04)
1362	A	Non-Synchronized Reserve	06/01/2024	(\$0.04)
1370	A	Day-ahead Operating Reserve	06/01/2023	(\$0.21)
1370	A	Day-ahead Operating Reserve	06/01/2024	\$0.03
1370	A	Day-ahead Operating Reserve	08/01/2024	(\$0.33)
1375	A	Balancing Operating Reserve	08/01/2022	\$128.44
1375	A	Balancing Operating Reserve	10/01/2022	\$57.38
1375	A	Balancing Operating Reserve	11/01/2022	(\$27.12)

CUSTOMER ACCOUNT: Illinois Municipal Electric Agency

CUSTOMER IDENTIFIERS [REDACTED]

FINAL BILLING STATEMENT ISSUED: 10/07/2024 08:47:40

BILLING PERIOD: 09/01/2024 to 09/30/2024

1375	A	Balancing Operating Reserve	03/01/2023	\$1.56
1375	A	Balancing Operating Reserve	04/01/2023	\$0.14
1375	A	Balancing Operating Reserve	05/01/2023	\$5.51
1375	A	Balancing Operating Reserve	06/01/2023	\$13.67
1375	A	Balancing Operating Reserve	07/01/2023	\$10.62
1375	A	Balancing Operating Reserve	09/01/2023	\$73.64
1375	A	Balancing Operating Reserve	10/01/2023	\$156.33
1375	A	Balancing Operating Reserve	01/01/2024	\$0.26
1375	A	Balancing Operating Reserve	02/01/2024	\$1.04
1375	A	Balancing Operating Reserve	03/01/2024	\$11.01
1375	A	Balancing Operating Reserve	04/01/2024	\$71.64
1375	A	Balancing Operating Reserve	05/01/2024	\$145.09
1375	A	Balancing Operating Reserve	06/01/2024	\$52.96
1375	A	Balancing Operating Reserve	07/01/2024	\$108.13
1375	A	Balancing Operating Reserve	08/01/2024	\$14.65
1380	A	Black Start Service	09/01/2022	(\$2.42)
1380	A	Black Start Service	11/01/2022	(\$1.06)
1380	A	Black Start Service	12/01/2022	(\$1.37)
1380	A	Black Start Service	03/01/2023	(\$1.18)

PJM Settlement, Inc.
2750 Monroe Blvd.
Audubon, PA 19403

CUSTOMER ACCOUNT: Illinois Municipal Electric Agency

CUSTOMER IDENTIFIERS [REDACTED]

FINAL BILLING STATEMENT ISSUED: 10/07/2024 08:47:40

BILLING PERIOD: 09/01/2024 to 09/30/2024

1380	A	Black Start Service	04/01/2023	(\$0.78)
1380	A	Black Start Service	05/01/2023	(\$0.41)
1380	A	Black Start Service	06/01/2023	(\$8.49)
1380	A	Black Start Service	07/01/2023	(\$23.79)
1380	A	Black Start Service	08/01/2023	(\$17.64)
1380	A	Black Start Service	09/01/2023	(\$5.40)
1380	A	Black Start Service	10/01/2023	(\$4.94)
1380	A	Black Start Service	11/01/2023	(\$4.27)
1380	A	Black Start Service	12/01/2023	(\$1.26)
1380	A	Black Start Service	01/01/2024	(\$9.65)
1380	A	Black Start Service	04/01/2024	(\$12.72)
1380	A	Black Start Service	05/01/2024	(\$9.54)
1380	A	Black Start Service	06/01/2024	(\$18.24)
1380	A	Black Start Service	07/01/2024	(\$21.53)

Total Charges:

\$2,216,744.05

PJM Settlement, Inc.
2750 Monroe Blvd.
Audubon, PA 19403

CUSTOMER ACCOUNT: Illinois Municipal Electric Agency

CUSTOMER IDENTIFIERS 

FINAL BILLING STATEMENT ISSUED: 10/07/2024 08:47:40

BILLING PERIOD: 09/01/2024 to 09/30/2024

CREDITS	ADJ	BILLING LINE ITEM NAME	SOURCE BILLING PERIOD START	AMOUNT
2100		Network Integration Transmission Service		\$0.00
2108		Transmission Enhancement		\$53,581.20
2130		Firm Point-to-Point Transmission Service		\$16,584.16
2140		Non-Firm Point-to-Point Transmission Service		\$3,040.22
2211		Day-ahead Transmission Congestion		\$5,368.85
2215		Balancing Transmission Congestion		(\$38,307.23)
2220		Transmission Losses		\$56,842.11
2320		Transmission Owner Scheduling, System Control and Dispatch Service		\$0.00
2330		Reactive Supply and Voltage Control from Generation and Other Sources Service		\$41,781.22
2340		Regulation and Frequency Response Service		\$0.00
2360		Balancing Synchronized Reserve		\$8,847.20
2361		Balancing Secondary Reserve		\$0.00
2366		Day-ahead Synchronized Reserve		\$5,038.93
2367		Day-ahead Secondary Reserve		\$0.00
2368		Day-ahead Non-Synchronized Reserve		\$0.00
2370		Day-ahead Operating Reserve		\$0.00
2375		Balancing Operating Reserve		\$4.51
2380		Black Start Service		\$0.00

PJM Settlement, Inc.
2750 Monroe Blvd.
Audubon, PA 19403

CUSTOMER ACCOUNT: Illinois Municipal Electric Agency

CUSTOMER IDENTIFIERS 

FINAL BILLING STATEMENT ISSUED: 10/07/2024 08:47:40

BILLING PERIOD: 09/01/2024 to 09/30/2024

2390		Fuel Cost Policy Penalty		\$1.93
2415		Balancing Transmission Congestion Load Reconciliation		\$11.13
2420		Load Reconciliation for Transmission Losses		(\$351.23)
2510		Auction Revenue Rights		\$156,419.40
2600		RPM Auction		\$374,408.70
2640		Incremental Capacity Transfer Rights		\$964.20
2661		Capacity Resource Deficiency		\$22,123.04
2681		FRR LSE Capacity Resource Deficiency		\$2,446.20
2140	A	Non-Firm Point-to-Point Transmission Service	08/01/2024	\$10.46
2211	A	Day-ahead Transmission Congestion	08/01/2024	\$0.02
2215	A	Balancing Transmission Congestion	08/01/2024	(\$12.56)
2220	A	Transmission Losses	08/01/2024	\$0.74
2661	A	Capacity Resource Deficiency	09/01/2024	(\$221.91)

Total Credits: \$708,581.29



Memorandum

To: Brian Groth

From: Troy Fodor

Date: May 13, 2025

Re: IMEA - PJM Billing Explanation - October 2024

You have asked that IMEA share copies of the monthly billing statements we receive from PJM Settlement, Inc. for calendar year 2024 (CY24). We are willing to share the monthly statements, but a certain amount of explanation is required.

The PJM billing statement has numerous line items with no descriptions other than the line item's title, and the statement contains charges and credits for all PJM transactions, including transmission, ancillary services, capacity, energy, and PJM administrative charges for all IMEA members located in the PJM region. The monthly bill to Naperville from IMEA breaks out and aggregates the charges and credits from PJM. It should also be noted that roughly half of IMEA's load is located in MISO and that the PJM and MISO costs are aggregated together and socialized among all IMEA members in IMEA's postage stamp rates.

The purpose of this memo is to provide a list of the line items from the PJM billing statements that are included in either transmission, capacity or energy for purposes of IMEA's bill to Members. Additional information about PJM's billing statements can be found on the PJM website. See for example, [*Customer Guide to PJM Billing*](#), which gives a fuller description of each line item.

The PJM billing statement for the October 2024 billing period is attached hereto.

Transmission

Network Integrated Transmission Service (NITS) from PJM includes the charges based on ComEd's formula rate to recover ComEd's investment in its transmission system and its operating expenses. While NITS charges are the largest transmission

related cost, there are many other transmission related charges from PJM that are not included in NITS. The line items on the PJM billing statement that are tracked as transmission related are the following (there may be other line items properly tracked as transmission related that appear infrequently or that show a zero balance on a given month's bill):

1100	1140	1301	1330	1450	2130	2218	2415
1108	1210 (partial)*	1302	1340	1460	2140	2320	2510
1115	1215 (partial)*	1303	1380	1500	2211	2330	
1120	1216	1305	1410	2100	2215	2340	
1130	1218	1320	1440	2108	2217	2380	

* Line items 1210 (Day-ahead Transmission Congestion) and 1215 (Balancing Transmission Congestion) are manually split by IMEA between transmission and energy. The portion of the congestion costs or credits related to the delivery of Prairie State from MISO to PJM are captured and tracked by IMEA as energy related costs. The remainder of the congestion costs or credits are transmission related. The Prairie State related congestion costs or credits are determined based on the financial settlement of flows of electricity between PJM and MISO. IMEA calculates these amounts for the Day-ahead market and the Real-time market as follows: PJM's congestion portion of the locational marginal price (LMP) at the Prairie State node is subtracted from PJM's congestion portion of the LMP at the Naperville node. There are no similar congestion costs or credits for delivery of Trimble County energy from LG&E to PJM.

The portion of line items 1210 and 1215 that are transmission related costs/credits for October 2024 are positive \$307,968.29 and positive \$121,726.24, respectively.

For IMEA CY24 Network Integration Transmission Service and Other Supporting Facilities represent ~82.5% of the IMEA PJM transmission costs. Reactive Supply and Voltage Control represents ~3.9% of the IMEA PJM transmission costs. Transmission Enhancement charges and credits represent ~3.7% of the IMEA transmission costs. Day-Ahead, Balancing Transmission Congestion, Auction Revenue Rights, Financial Transmission Rights and Transmission related energy costs/credits represent ~6.2% of the IMEA transmission costs. PJM and Transmission Owner Scheduling, System Control and Dispatch, Regulation and Frequency Response and Black Start represents ~6.5% of the IMEA PJM transmission costs. There is a credit of 1.0% for Point to Point and a credit of 1.8%

for Reactive Supply and Voltage support. These percentages change from year to year, but the general composition of the charges/credits should remain proportional from year to year.

Capacity

PJM controls the capacity market for its region. Capacity is basically the ability of a generating resource to produce electricity at any time when called; 24x7x365. PJM models the loads and available generation for the region as a whole and for certain individual Local Deliverability Areas (LDAs) that have historically been constrained, which in recent years has included the ComEd zone. The general design of this market is a 3-year forward auction construct. It consists of a Base Residual Auction and 3 Incremental Auctions for each Delivery Year. The 3-year forward aspect has been compressed in recent years due to previous auctions having been delayed and some of the Incremental Auctions have not been held. PJM does not own any generating resources, but it requires the generating resources that are connected to the transmission system that it controls (or pseudo-tied into its region) to bid into the capacity auctions, and if they get approved in the auctions, they are required to bid into the energy market every day. PJM charges load serving entities for capacity and pays generating resources that got approved for payment in the auctions for providing that capacity. The line items on the PJM billing statement that are tracked as capacity related are the following (there may be other line items properly tracked as capacity related that appear infrequently or that show a zero balance on a given month's bill):

1600	1667	2605	2661	2666	2681
1610	2600	2640	2662	2667	

Energy

PJM controls the energy markets in its region. It requires generating resources to bid into the energy markets every 5 minutes of every day; 24x7x365. **PJM dispatches the least cost generating units that are selected from the bids for every 5 minutes of every day.** PJM charges load serving entities for energy and pays generating resources for energy delivered to the grid. The line items on the PJM billing statement that are tracked as energy related are the following (there may be other line items properly tracked as energy related that appear infrequently or that show a zero balance on a given month's bill):

1200	1243	1318	1375	1446	1957	2375
1205	1246	1319	1376	1447	2220	2390
1210 (partial)*	1250	1360	1400	1448	2360	2420
1215 (partial)*	1313	1361	1420	1449	2361	2980
1220	1314	1362	1430	1470	2366	
1225	1315	1365	1443	1471	2367	
1230	1316	1370	1444	1472	2368	
1242	1317	1371	1445	1478	2370	

* Line items 1210 and 1215 are manually split by IMEA between energy and transmission. See explanation of the determination of the split noted above.

The portion of line items 1210 and 1215 that are energy related costs/credits for October 2024 are positive \$516,093.63 and negative \$115,936.24, respectively.

We understand that you may provide this to one or more of your municipal electric customers and that the statements may be posted to the internet. While we would prefer that the IMEA PJM billing statements not be posted to the internet due to the high potential of the documents being misunderstood or misstated, if they are to be provided to members of the public that intend to post them, we ask that this memo be posted with the billing statements.

Illinois Municipal Electric Agency
Illinois Public Energy Agency
Illinois Municipal Utilities Association
www.imea.org

INVOICE NUMBER: 2024103107162

CUSTOMER ACCOUNT: Illinois Municipal Electric Agency

CUSTOMER IDENTIFIERS: [REDACTED]

FINAL BILLING STATEMENT ISSUED: 11/07/2024 08:27:32

BILLING PERIOD: 10/01/2024 to 10/31/2024

Monthly Billing Total: \$1,129,363.93

Previous Weekly Billing Total: \$455,545.81

Monthly Billing Statement Summary		Total
Total Net Charge. Please Pay This Amount.		\$673,818.12

TERMS: PAYABLE IN FULL BY 12:00 PM EPT ON 2024-11-15

Fed Wire/ACH Bank Instructions: PJM Settlement, Inc.

[REDACTED]
[REDACTED]
[REDACTED]

FOR INQUIRIES CONTACT:

PJM MEMBER RELATIONS (Banking / Payment): custsvc@pjm.com (866) 400-8980

PJM MARKET SETTLEMENTS (Billing Line Items): mrkt_settlement_ops@pjm.com (866) 400-8980

ADDITIONAL BILLING STATEMENT INFORMATION:

Please be aware that PJM and PNC Bank would never send an email or make a phone call instructing a PJM Member to change bank instructions. PJM's bank instructions are only communicated on the PJM Billing Statements found in PJM's Market Settlement Reporting System (MSRS) or alternatively, in PJM's eCredit System. If needed, PJM bank instructions can be confirmed by calling PJM Member Relations at (866)400-8980.

This cover page includes PJM Settlement, Inc. banking information that is NOT to be publicly shared. In order to reduce the risk of potential fraud, please redact any PJM Settlement banking information prior to including these billing statements in any public documents.

Stephen Lawson
President

CUSTOMER ACCOUNT: Illinois Municipal Electric Agency

CUSTOMER IDENTIFIERS 

FINAL BILLING STATEMENT ISSUED: 11/07/2024 08:27:32

BILLING PERIOD: 10/01/2024 to 10/31/2024

CHARGES	ADJ	BILLING LINE ITEM NAME	SOURCE BILLING PERIOD START	AMOUNT
1100		Network Integration Transmission Service		\$1,644,831.48
1108		Transmission Enhancement		\$158,746.83
1115		Transmission Enhancement Settlement (EL05-121-009)		(\$26,604.53)
1120		Other Supporting Facilities		\$268,599.48
1130		Firm Point-to-Point Transmission Service		\$0.00
1140		Non-Firm Point-to-Point Transmission Service		\$0.00
1200		Day-ahead Spot Market Energy		(\$2,376,607.77)
1205		Balancing Spot Market Energy		\$322,547.62
1210		Day-ahead Transmission Congestion		\$824,061.92
1215		Balancing Transmission Congestion		\$5,790.00
1216		Pseudo-Tie Balancing Congestion Refund		\$52,247.91
1220		Day-ahead Transmission Losses		\$120,703.90
1225		Balancing Transmission Losses		(\$13,630.17)
1230		Inadvertent Interchange		\$651.70
1242		Day-Ahead Load Response Charge Allocation		\$1,885.81
1243		Real-Time Load Response Charge Allocation		\$86.34
1250		Meter Error Correction		\$32.95
1301		PJM Scheduling, System Control and Dispatch Service - Control Area Administration		\$44,022.04

PJM Settlement, Inc.
2750 Monroe Blvd.
Audubon, PA 19403

CUSTOMER ACCOUNT: Illinois Municipal Electric Agency

CUSTOMER IDENTIFIERS 

FINAL BILLING STATEMENT ISSUED: 11/07/2024 08:27:32

BILLING PERIOD: 10/01/2024 to 10/31/2024

1302	PJM Scheduling, System Control and Dispatch Service - FTR Administration	\$20.57
1303	PJM Scheduling, System Control and Dispatch Service - Market Support	\$17,229.65
1305	PJM Scheduling, System Control and Dispatch Service - Capacity Resource/Obligation Mgmt.	\$5,524.12
1313	PJM Settlement, Inc.	\$1,168.73
1314	Market Monitoring Unit (MMU) Funding	\$2,511.40
1315	FERC Annual Recovery	\$19,390.37
1316	Organization of PJM States, Inc. (OPSI) Funding	\$172.87
1317	North American Electric Reliability Corporation (NERC)	\$2,938.81
1318	Reliability First Corporation (RFC)	\$4,249.75
1319	Consumer Advocates of PJM States, Inc. (CAPS)	\$86.44
1320	Transmission Owner Scheduling, System Control and Dispatch Service	\$32,024.35
1330	Reactive Supply and Voltage Control from Generation and Other Sources Service	\$92,770.97
1340	Regulation and Frequency Response Service	\$39,840.44
1360	Synchronized Reserve	\$18,167.93
1361	Secondary Reserve	\$851.82
1362	Non-Synchronized Reserve	\$2,556.05
1370	Day-ahead Operating Reserve	\$12,864.63
1371	Day-ahead Operating Reserve for Load Response	\$0.01
1375	Balancing Operating Reserve	\$13,717.96

PJM Settlement, Inc.
2750 Monroe Blvd.
Audubon, PA 19403

CUSTOMER ACCOUNT: Illinois Municipal Electric Agency

CUSTOMER IDENTIFIERS 

FINAL BILLING STATEMENT ISSUED: 11/07/2024 08:27:32

BILLING PERIOD: 10/01/2024 to 10/31/2024

1376	Balancing Operating Reserve for Load Response	\$0.03
1380	Black Start Service	\$17,282.33
1400	Load Reconciliation for Spot Market Energy	\$880.34
1410	Load Reconciliation for Transmission Congestion	\$25.90
1420	Load Reconciliation for Transmission Losses	(\$15.64)
1430	Load Reconciliation for Inadvertent Interchange	\$1.11
1440	Load Reconciliation for PJM Scheduling, System Control and Dispatch Service	(\$0.47)
1444	Load Reconciliation for Market Monitoring Unit (MMU) Funding	(\$0.02)
1445	Load Reconciliation for FERC Annual Recovery	(\$0.26)
1447	Load Reconciliation for North American Electric Reliability Corporation (NERC)	(\$0.04)
1448	Load Reconciliation for Reliability First Corporation (RFC)	(\$0.06)
1450	Load Reconciliation for Transmission Owner Scheduling, System Control and Dispatch Service	(\$0.42)
1460	Load Reconciliation for Regulation and Frequency Response Service	\$1.70
1470	Load Reconciliation for Synchronized Reserve	\$5.36
1471	Load Reconciliation for Secondary Reserve	\$0.08
1472	Load Reconciliation for Non-Synchronized Reserve	\$1.04
1478	Load Reconciliation for Balancing Operating Reserve	(\$1.88)
1500	Financial Transmission Rights Auction	\$12,776.34
1600	RPM Auction	\$57,536.00

CUSTOMER ACCOUNT: Illinois Municipal Electric Agency

CUSTOMER IDENTIFIERS 

FINAL BILLING STATEMENT ISSUED: 11/07/2024 08:27:32

BILLING PERIOD: 10/01/2024 to 10/31/2024

1610		Locational Reliability		\$468,450.92
1100	A	Network Integration Transmission Service	09/01/2024	\$26,024.39
1100	A	Network Integration Transmission Service	10/01/2024	\$29,404.01
1250	A	Meter Error Correction	09/01/2024	\$2,953.75
1340	A	Regulation and Frequency Response Service	12/01/2022	(\$2,366.02)
1340	A	Regulation and Frequency Response Service	01/01/2023	(\$1,160.29)
1340	A	Regulation and Frequency Response Service	02/01/2023	(\$682.05)
1340	A	Regulation and Frequency Response Service	03/01/2023	(\$779.03)
1340	A	Regulation and Frequency Response Service	04/01/2023	(\$717.96)
1340	A	Regulation and Frequency Response Service	07/01/2024	(\$517.67)
1340	A	Regulation and Frequency Response Service	08/01/2024	(\$305.89)
1360	A	Synchronized Reserve	11/01/2022	(\$0.02)
1360	A	Synchronized Reserve	12/01/2022	(\$39.45)
1360	A	Synchronized Reserve	01/01/2023	(\$66.16)
1360	A	Synchronized Reserve	02/01/2023	(\$8.80)
1360	A	Synchronized Reserve	03/01/2023	(\$13.16)
1360	A	Synchronized Reserve	04/01/2023	(\$2.27)
1360	A	Synchronized Reserve	06/01/2024	(\$0.02)
1360	A	Synchronized Reserve	07/01/2024	(\$0.58)

CUSTOMER ACCOUNT: Illinois Municipal Electric Agency

CUSTOMER IDENTIFIERS [REDACTED]

FINAL BILLING STATEMENT ISSUED: 11/07/2024 08:27:32

BILLING PERIOD: 10/01/2024 to 10/31/2024

1360	A	Synchronized Reserve	08/01/2024	\$14.94
1361	A	Secondary Reserve	12/01/2022	\$4.38
1361	A	Secondary Reserve	02/01/2023	(\$0.12)
1361	A	Secondary Reserve	03/01/2023	(\$0.05)
1361	A	Secondary Reserve	04/01/2023	\$0.12
1361	A	Secondary Reserve	06/01/2024	(\$6.53)
1361	A	Secondary Reserve	07/01/2024	(\$4.11)
1361	A	Secondary Reserve	08/01/2024	(\$0.49)
1362	A	Non-Synchronized Reserve	01/01/2023	(\$0.63)
1362	A	Non-Synchronized Reserve	02/01/2023	(\$12.43)
1362	A	Non-Synchronized Reserve	03/01/2023	(\$2.38)
1362	A	Non-Synchronized Reserve	06/01/2024	(\$0.16)
1362	A	Non-Synchronized Reserve	07/01/2024	(\$0.03)
1370	A	Day-ahead Operating Reserve	08/01/2024	\$4.17
1375	A	Balancing Operating Reserve	11/01/2022	(\$23.47)
1375	A	Balancing Operating Reserve	12/01/2022	(\$72.20)
1375	A	Balancing Operating Reserve	01/01/2023	(\$8.32)
1375	A	Balancing Operating Reserve	02/01/2023	\$2.73
1375	A	Balancing Operating Reserve	03/01/2023	(\$5.31)

PJM Settlement, Inc.
2750 Monroe Blvd.
Audubon, PA 19403

CUSTOMER ACCOUNT: Illinois Municipal Electric Agency

CUSTOMER IDENTIFIERS 

FINAL BILLING STATEMENT ISSUED: 11/07/2024 08:27:32

BILLING PERIOD: 10/01/2024 to 10/31/2024

1375	A	Balancing Operating Reserve	04/01/2023	(\$20.91)
1375	A	Balancing Operating Reserve	05/01/2024	\$4.00
1375	A	Balancing Operating Reserve	06/01/2024	(\$107.17)
1375	A	Balancing Operating Reserve	07/01/2024	(\$371.36)
1375	A	Balancing Operating Reserve	08/01/2024	\$9.55
1375	A	Balancing Operating Reserve	09/01/2024	\$12.78
1957	A	Schedule 11A PJM Net	10/01/2024	\$6,808.06

Total Charges: \$1,908,342.58

PJM Settlement, Inc.
2750 Monroe Blvd.
Audubon, PA 19403

CUSTOMER ACCOUNT: Illinois Municipal Electric Agency

CUSTOMER IDENTIFIERS 

FINAL BILLING STATEMENT ISSUED: 11/07/2024 08:27:32

BILLING PERIOD: 10/01/2024 to 10/31/2024

CREDITS	ADJ	BILLING LINE ITEM NAME	SOURCE BILLING PERIOD START	AMOUNT
2100		Network Integration Transmission Service		\$0.00
2108		Transmission Enhancement		\$53,581.20
2130		Firm Point-to-Point Transmission Service		\$19,027.35
2140		Non-Firm Point-to-Point Transmission Service		\$2,630.17
2211		Day-ahead Transmission Congestion		\$32,879.80
2215		Balancing Transmission Congestion		(\$58,466.02)
2220		Transmission Losses		\$57,238.59
2320		Transmission Owner Scheduling, System Control and Dispatch Service		\$0.00
2330		Reactive Supply and Voltage Control from Generation and Other Sources Service		\$41,781.22
2340		Regulation and Frequency Response Service		\$0.00
2360		Balancing Synchronized Reserve		(\$3,206.81)
2361		Balancing Secondary Reserve		\$0.00
2366		Day-ahead Synchronized Reserve		\$17,445.59
2367		Day-ahead Secondary Reserve		\$0.00
2368		Day-ahead Non-Synchronized Reserve		\$0.00
2370		Day-ahead Operating Reserve		\$0.00
2375		Balancing Operating Reserve		\$39,216.12
2380		Black Start Service		\$0.00

PJM Settlement, Inc.
2750 Monroe Blvd.
Audubon, PA 19403

CUSTOMER ACCOUNT: Illinois Municipal Electric Agency

CUSTOMER IDENTIFIERS [REDACTED]

FINAL BILLING STATEMENT ISSUED: 11/07/2024 08:27:32

BILLING PERIOD: 10/01/2024 to 10/31/2024

2390		Fuel Cost Policy Penalty		\$7.09
2415		Balancing Transmission Congestion Load Reconciliation		\$4.83
2420		Load Reconciliation for Transmission Losses		\$14.22
2510		Auction Revenue Rights		\$161,633.38
2600		RPM Auction		\$386,888.99
2640		Incremental Capacity Transfer Rights		\$996.34
2661		Capacity Resource Deficiency		\$22,844.90
2681		FRR LSE Capacity Resource Deficiency		\$2,527.74
2140	A	Non-Firm Point-to-Point Transmission Service	09/01/2024	\$38.19
2211	A	Day-ahead Transmission Congestion	09/01/2024	\$0.01
2361	A	Balancing Secondary Reserve	04/01/2023	\$22.14
2661	A	Capacity Resource Deficiency	10/01/2024	(\$229.31)
2980	A	Miscellaneous Bilateral	10/01/2024	\$2,102.92

Total Credits: \$778,978.65



Memorandum

To: Brian Groth

From: Troy Fodor

Date: May 13, 2025

Re: IMEA - PJM Billing Explanation - November 2024

You have asked that IMEA share copies of the monthly billing statements we receive from PJM Settlement, Inc. for calendar year 2024 (CY24). We are willing to share the monthly statements, but a certain amount of explanation is required.

The PJM billing statement has numerous line items with no descriptions other than the line item's title, and the statement contains charges and credits for all PJM transactions, including transmission, ancillary services, capacity, energy, and PJM administrative charges for all IMEA members located in the PJM region. The monthly bill to Naperville from IMEA breaks out and aggregates the charges and credits from PJM. It should also be noted that roughly half of IMEA's load is located in MISO and that the PJM and MISO costs are aggregated together and socialized among all IMEA members in IMEA's postage stamp rates.

The purpose of this memo is to provide a list of the line items from the PJM billing statements that are included in either transmission, capacity or energy for purposes of IMEA's bill to Members. Additional information about PJM's billing statements can be found on the PJM website. See for example, [*Customer Guide to PJM Billing*](#), which gives a fuller description of each line item.

The PJM billing statement for the November 2024 billing period is attached hereto.

Transmission

Network Integrated Transmission Service (NITS) from PJM includes the charges based on ComEd's formula rate to recover ComEd's investment in its transmission system and its operating expenses. While NITS charges are the largest transmission

related cost, there are many other transmission related charges from PJM that are not included in NITS. The line items on the PJM billing statement that are tracked as transmission related are the following (there may be other line items properly tracked as transmission related that appear infrequently or that show a zero balance on a given month's bill):

1100	1140	1301	1330	1450	2130	2218	2415
1108	1210 (partial)*	1302	1340	1460	2140	2320	2510
1115	1215 (partial)*	1303	1380	1500	2211	2330	
1120	1216	1305	1410	2100	2215	2340	
1130	1218	1320	1440	2108	2217	2380	

* Line items 1210 (Day-ahead Transmission Congestion) and 1215 (Balancing Transmission Congestion) are manually split by IMEA between transmission and energy. The portion of the congestion costs or credits related to the delivery of Prairie State from MISO to PJM are captured and tracked by IMEA as energy related costs. The remainder of the congestion costs or credits are transmission related. The Prairie State related congestion costs or credits are determined based on the financial settlement of flows of electricity between PJM and MISO. IMEA calculates these amounts for the Day-ahead market and the Real-time market as follows: PJM's congestion portion of the locational marginal price (LMP) at the Prairie State node is subtracted from PJM's congestion portion of the LMP at the Naperville node. There are no similar congestion costs or credits for delivery of Trimble County energy from LG&E to PJM.

The portion of line items 1210 and 1215 that are transmission related costs/credits for November 2024 are positive \$368,235.64 and negative \$21,005.64, respectively.

For IMEA CY24 Network Integration Transmission Service and Other Supporting Facilities represent ~82.5% of the IMEA PJM transmission costs. Reactive Supply and Voltage Control represents ~3.9% of the IMEA PJM transmission costs. Transmission Enhancement charges and credits represent ~3.7% of the IMEA transmission costs. Day-Ahead, Balancing Transmission Congestion, Auction Revenue Rights, Financial Transmission Rights and Transmission related energy costs/credits represent ~6.2% of the IMEA transmission costs. PJM and Transmission Owner Scheduling, System Control and Dispatch, Regulation and Frequency Response and Black Start represents ~6.5% of the IMEA PJM transmission costs. There is a credit of 1.0% for Point to Point and a credit of 1.8%

for Reactive Supply and Voltage support. These percentages change from year to year, but the general composition of the charges/credits should remain proportional from year to year.

Capacity

PJM controls the capacity market for its region. Capacity is basically the ability of a generating resource to produce electricity at any time when called; 24x7x365. PJM models the loads and available generation for the region as a whole and for certain individual Local Deliverability Areas (LDAs) that have historically been constrained, which in recent years has included the ComEd zone. The general design of this market is a 3-year forward auction construct. It consists of a Base Residual Auction and 3 Incremental Auctions for each Delivery Year. The 3-year forward aspect has been compressed in recent years due to previous auctions having been delayed and some of the Incremental Auctions have not been held. PJM does not own any generating resources, but it requires the generating resources that are connected to the transmission system that it controls (or pseudo-tied into its region) to bid into the capacity auctions, and if they get approved in the auctions, they are required to bid into the energy market every day. PJM charges load serving entities for capacity and pays generating resources that got approved for payment in the auctions for providing that capacity. The line items on the PJM billing statement that are tracked as capacity related are the following (there may be other line items properly tracked as capacity related that appear infrequently or that show a zero balance on a given month's bill):

1600	1667	2605	2661	2666	2681
1610	2600	2640	2662	2667	

Energy

PJM controls the energy markets in its region. It requires generating resources to bid into the energy markets every 5 minutes of every day; 24x7x365. **PJM dispatches the least cost generating units that are selected from the bids for every 5 minutes of every day.** PJM charges load serving entities for energy and pays generating resources for energy delivered to the grid. The line items on the PJM billing statement that are tracked as energy related are the following (there may be other line items properly tracked as energy related that appear infrequently, like line item 1995 in this month's bill, or that show a zero balance on a given month's bill):

1200	1243	1318	1375	1446	1957	2375
1205	1246	1319	1376	1447	2220	2390
1210 (partial)*	1250	1360	1400	1448	2360	2420
1215 (partial)*	1313	1361	1420	1449	2361	2980
1220	1314	1362	1430	1470	2366	
1225	1315	1365	1443	1471	2367	
1230	1316	1370	1444	1472	2368	
1242	1317	1371	1445	1478	2370	

* Line items 1210 and 1215 are manually split by IMEA between energy and transmission. See explanation of the determination of the split noted above.

The portion of line items 1210 and 1215 that are energy related costs/credits for November 2024 are positive \$103,596.55 and negative \$93,721.18, respectively.

We understand that you may provide this to one or more of your municipal electric customers and that the statements may be posted to the internet. While we would prefer that the IMEA PJM billing statements not be posted to the internet due to the high potential of the documents being misunderstood or misstated, if they are to be provided to members of the public that intend to post them, we ask that this memo be posted with the billing statements.

Illinois Municipal Electric Agency
Illinois Public Energy Agency
Illinois Municipal Utilities Association
www.imea.org

INVOICE NUMBER: 2024113007162

CUSTOMER ACCOUNT: Illinois Municipal Electric Agency

CUSTOMER IDENTIFIERS: [REDACTED]

FINAL BILLING STATEMENT ISSUED: 12/06/2024 10:25:25

BILLING PERIOD: 11/01/2024 to 11/30/2024

Monthly Billing Total: \$2,181,351.20

Previous Weekly Billing Total: \$1,582,726.47

Monthly Billing Statement Summary		Total
Total Net Charge. Please Pay This Amount.		\$598,624.73

TERMS: PAYABLE IN FULL BY 12:00 PM EPT ON 2024-12-13

Fed Wire/ACH Bank Instructions: PJM Settlement, Inc.

[REDACTED]

[REDACTED]

[REDACTED]

FOR INQUIRIES CONTACT:

PJM MEMBER RELATIONS (Banking / Payment): custsvc@pjm.com (866) 400-8980

PJM MARKET SETTLEMENTS (Billing Line Items): mrkt_settlement_ops@pjm.com (866) 400-8980

ADDITIONAL BILLING STATEMENT INFORMATION:

Please be aware that PJM and PNC Bank would never send an email or make a phone call instructing a PJM Member to change bank instructions. PJM's bank instructions are only communicated on the PJM Billing Statements found in PJM's Market Settlement Reporting System (MSRS) or alternatively, in PJM's eCredit System. If needed, PJM bank instructions can be confirmed by calling PJM Member Relations at (866)400-8980.

This cover page includes PJM Settlement, Inc. banking information that is NOT to be publicly shared. In order to reduce the risk of potential fraud, please redact any PJM Settlement banking information prior to including these billing statements in any public documents.

Stephen Lawson
President

CUSTOMER ACCOUNT: Illinois Municipal Electric Agency

CUSTOMER IDENTIFIERS 

FINAL BILLING STATEMENT ISSUED: 12/06/2024 10:25:25

BILLING PERIOD: 11/01/2024 to 11/30/2024

CHARGES	ADJ	BILLING LINE ITEM NAME	SOURCE BILLING PERIOD START	AMOUNT
1100		Network Integration Transmission Service		\$1,591,772.40
1108		Transmission Enhancement		\$158,746.83
1115		Transmission Enhancement Settlement (EL05-121-009)		(\$26,604.53)
1120		Other Supporting Facilities		\$268,599.48
1130		Firm Point-to-Point Transmission Service		\$0.00
1140		Non-Firm Point-to-Point Transmission Service		\$0.00
1200		Day-ahead Spot Market Energy		(\$621,114.81)
1205		Balancing Spot Market Energy		\$300,943.79
1210		Day-ahead Transmission Congestion		\$471,832.19
1215		Balancing Transmission Congestion		(\$114,726.82)
1216		Pseudo-Tie Balancing Congestion Refund		\$64,849.17
1220		Day-ahead Transmission Losses		\$34,354.19
1225		Balancing Transmission Losses		(\$13,268.34)
1230		Inadvertent Interchange		(\$369.06)
1242		Day-Ahead Load Response Charge Allocation		\$4,152.99
1243		Real-Time Load Response Charge Allocation		(\$36.30)
1250		Meter Error Correction		\$18.68
1301		PJM Scheduling, System Control and Dispatch Service - Control Area Administration		\$41,807.08

PJM Settlement, Inc.
2750 Monroe Blvd.
Audubon, PA 19403

CUSTOMER ACCOUNT: Illinois Municipal Electric Agency

CUSTOMER IDENTIFIERS 

FINAL BILLING STATEMENT ISSUED: 12/06/2024 10:25:25

BILLING PERIOD: 11/01/2024 to 11/30/2024

1302	PJM Scheduling, System Control and Dispatch Service - FTR Administration	\$19.78
1303	PJM Scheduling, System Control and Dispatch Service - Market Support	\$14,340.85
1305	PJM Scheduling, System Control and Dispatch Service - Capacity Resource/Obligation Mgmt.	\$5,580.75
1313	PJM Settlement, Inc.	\$1,094.20
1314	Market Monitoring Unit (MMU) Funding	\$2,113.92
1315	FERC Annual Recovery	\$19,087.92
1316	Organization of PJM States, Inc. (OPSI) Funding	\$170.17
1317	North American Electric Reliability Corporation (NERC)	\$2,892.97
1318	Reliability First Corporation (RFC)	\$4,183.46
1319	Consumer Advocates of PJM States, Inc. (CAPS)	\$85.09
1320	Transmission Owner Scheduling, System Control and Dispatch Service	\$31,524.82
1330	Reactive Supply and Voltage Control from Generation and Other Sources Service	\$92,520.88
1340	Regulation and Frequency Response Service	\$33,098.38
1360	Synchronized Reserve	\$10,485.39
1361	Secondary Reserve	\$105.53
1362	Non-Synchronized Reserve	\$1,740.45
1370	Day-ahead Operating Reserve	\$6,636.23
1375	Balancing Operating Reserve	\$15,072.44
1376	Balancing Operating Reserve for Load Response	(\$0.01)

PJM Settlement, Inc.
2750 Monroe Blvd.
Audubon, PA 19403

CUSTOMER ACCOUNT: Illinois Municipal Electric Agency

CUSTOMER IDENTIFIERS 

FINAL BILLING STATEMENT ISSUED: 12/06/2024 10:25:25

BILLING PERIOD: 11/01/2024 to 11/30/2024

1380	Black Start Service	\$17,096.87
1400	Load Reconciliation for Spot Market Energy	\$4,853.86
1410	Load Reconciliation for Transmission Congestion	\$219.93
1420	Load Reconciliation for Transmission Losses	\$11.41
1430	Load Reconciliation for Inadvertent Interchange	\$2.58
1440	Load Reconciliation for PJM Scheduling, System Control and Dispatch Service	\$32.26
1443	Load Reconciliation for PJM Settlement, Inc.	\$0.24
1444	Load Reconciliation for Market Monitoring Unit (MMU) Funding	\$0.78
1445	Load Reconciliation for FERC Annual Recovery	\$14.42
1446	Load Reconciliation for Organization of PJM States, Inc. (OPSI) Funding	\$0.13
1447	Load Reconciliation for North American Electric Reliability Corporation (NERC)	\$2.19
1448	Load Reconciliation for Reliability First Corporation (RFC)	\$3.16
1449	Load Reconciliation for Consumer Advocates of PJM States, Inc. (CAPS) Funding	\$0.06
1450	Load Reconciliation for Transmission Owner Scheduling, System Control and Dispatch Service	\$23.82
1460	Load Reconciliation for Regulation and Frequency Response Service	\$28.69
1470	Load Reconciliation for Synchronized Reserve	\$17.83
1471	Load Reconciliation for Secondary Reserve	\$0.26
1472	Load Reconciliation for Non-Synchronized Reserve	\$2.85
1478	Load Reconciliation for Balancing Operating Reserve	\$3.21

CUSTOMER ACCOUNT: Illinois Municipal Electric Agency

CUSTOMER IDENTIFIERS 

FINAL BILLING STATEMENT ISSUED: 12/06/2024 10:25:25

BILLING PERIOD: 11/01/2024 to 11/30/2024

1500		Financial Transmission Rights Auction		\$12,364.20
1600		RPM Auction		\$55,680.00
1610		Locational Reliability		\$453,339.60
1100	A	Network Integration Transmission Service	11/01/2024	\$29,404.01
1243	A	Real-Time Load Response Charge Allocation	10/01/2024	\$2.61
1250	A	Meter Error Correction	10/01/2024	\$8.65
1340	A	Regulation and Frequency Response Service	05/01/2023	(\$771.77)
1340	A	Regulation and Frequency Response Service	03/01/2024	(\$297.22)
1340	A	Regulation and Frequency Response Service	04/01/2024	(\$469.74)
1340	A	Regulation and Frequency Response Service	10/01/2024	\$2.05
1360	A	Synchronized Reserve	11/01/2022	\$97.58
1360	A	Synchronized Reserve	12/01/2022	\$28.51
1360	A	Synchronized Reserve	01/01/2023	(\$3.43)
1360	A	Synchronized Reserve	05/01/2023	(\$8.17)
1360	A	Synchronized Reserve	03/01/2024	(\$3.13)
1360	A	Synchronized Reserve	04/01/2024	(\$3.32)
1360	A	Synchronized Reserve	07/01/2024	\$0.29
1360	A	Synchronized Reserve	08/01/2024	\$4.57
1361	A	Secondary Reserve	01/01/2023	(\$0.12)

CUSTOMER ACCOUNT: Illinois Municipal Electric Agency


CUSTOMER IDENTIFIERS [REDACTED]

FINAL BILLING STATEMENT ISSUED: 12/06/2024 10:25:25

BILLING PERIOD: 11/01/2024 to 11/30/2024

1361	A	Secondary Reserve	05/01/2023	\$0.89
1361	A	Secondary Reserve	03/01/2024	(\$1.91)
1361	A	Secondary Reserve	04/01/2024	\$0.13
1361	A	Secondary Reserve	07/01/2024	(\$0.67)
1362	A	Non-Synchronized Reserve	04/01/2024	(\$0.04)
1362	A	Non-Synchronized Reserve	07/01/2024	(\$39.83)
1370	A	Day-ahead Operating Reserve	05/01/2023	(\$0.10)
1370	A	Day-ahead Operating Reserve	03/01/2024	(\$0.17)
1375	A	Balancing Operating Reserve	11/01/2022	(\$41.68)
1375	A	Balancing Operating Reserve	12/01/2022	(\$85.60)
1375	A	Balancing Operating Reserve	01/01/2023	(\$499.76)
1375	A	Balancing Operating Reserve	05/01/2023	(\$7.41)
1375	A	Balancing Operating Reserve	03/01/2024	(\$0.15)
1375	A	Balancing Operating Reserve	04/01/2024	(\$10.26)
1375	A	Balancing Operating Reserve	07/01/2024	\$66.45
1375	A	Balancing Operating Reserve	08/01/2024	(\$200.97)
1375	A	Balancing Operating Reserve	10/01/2024	\$10.80
1430	A	Load Reconciliation for Inadvertent Interchange	10/01/2024	(\$0.23)
1995	A	PJM Annual Membership Fee	11/01/2024	\$5,000.00

PJM Settlement, Inc.
2750 Monroe Blvd.
Audubon, PA 19403

CUSTOMER ACCOUNT: Illinois Municipal Electric Agency
CUSTOMER IDENTIFIERS 
FINAL BILLING STATEMENT ISSUED: 12/06/2024 10:25:25
BILLING PERIOD: 11/01/2024 to 11/30/2024

Total Charges:	\$2,977,589.37
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PJM Settlement, Inc.
2750 Monroe Blvd.
Audubon, PA 19403

CUSTOMER ACCOUNT: Illinois Municipal Electric Agency

CUSTOMER IDENTIFIERS 

FINAL BILLING STATEMENT ISSUED: 12/06/2024 10:25:25

BILLING PERIOD: 11/01/2024 to 11/30/2024

CREDITS	ADJ	BILLING LINE ITEM NAME	SOURCE BILLING PERIOD START	AMOUNT
2100		Network Integration Transmission Service		\$0.00
2108		Transmission Enhancement		\$53,581.20
2130		Firm Point-to-Point Transmission Service		\$19,556.67
2140		Non-Firm Point-to-Point Transmission Service		\$2,881.50
2211		Day-ahead Transmission Congestion		\$30,762.04
2215		Balancing Transmission Congestion		(\$38,092.40)
2220		Transmission Losses		\$46,559.45
2320		Transmission Owner Scheduling, System Control and Dispatch Service		\$0.00
2330		Reactive Supply and Voltage Control from Generation and Other Sources Service		\$41,781.22
2340		Regulation and Frequency Response Service		\$0.00
2360		Balancing Synchronized Reserve		\$1,625.01
2361		Balancing Secondary Reserve		\$0.00
2366		Day-ahead Synchronized Reserve		\$5,309.65
2367		Day-ahead Secondary Reserve		\$0.00
2368		Day-ahead Non-Synchronized Reserve		\$0.00
2370		Day-ahead Operating Reserve		\$0.00
2375		Balancing Operating Reserve		\$59,166.67
2380		Black Start Service		\$0.00

CUSTOMER ACCOUNT: Illinois Municipal Electric Agency

CUSTOMER IDENTIFIERS [REDACTED]

FINAL BILLING STATEMENT ISSUED: 12/06/2024 10:25:25

BILLING PERIOD: 11/01/2024 to 11/30/2024

2415		Balancing Transmission Congestion Load Reconciliation			(\$39.66)
2420		Load Reconciliation for Transmission Losses			\$40.93
2510		Auction Revenue Rights			\$156,419.40
2600		RPM Auction			\$374,408.70
2605		RPM Seasonal Capacity Performance Auction			\$17,352.00
2640		Incremental Capacity Transfer Rights			\$964.20
2661		Capacity Resource Deficiency			\$21,316.18
2681		FRR LSE Capacity Resource Deficiency			\$2,446.20
2140	A	Non-Firm Point-to-Point Transmission Service	10/01/2024		\$84.58
2211	A	Day-ahead Transmission Congestion	10/01/2024		\$0.02
2360	A	Balancing Synchronized Reserve	11/01/2022		\$58.24
2360	A	Balancing Synchronized Reserve	12/01/2022		\$44.27
2390	A	Fuel Cost Policy Penalty	09/01/2024		\$5.85
2661	A	Capacity Resource Deficiency	10/01/2022		\$93.93
2661	A	Capacity Resource Deficiency	11/01/2022		\$24.90
2661	A	Capacity Resource Deficiency	12/01/2022		\$29.22
2661	A	Capacity Resource Deficiency	01/01/2023		\$25.73
2661	A	Capacity Resource Deficiency	02/01/2023		\$56.11
2661	A	Capacity Resource Deficiency	03/01/2023		\$79.08

PJM Settlement, Inc.
2750 Monroe Blvd.
Audubon, PA 19403

CUSTOMER ACCOUNT: Illinois Municipal Electric Agency

CUSTOMER IDENTIFIERS 

FINAL BILLING STATEMENT ISSUED: 12/06/2024 10:25:25

BILLING PERIOD: 11/01/2024 to 11/30/2024

2661	A	Capacity Resource Deficiency	04/01/2023	\$76.72
2661	A	Capacity Resource Deficiency	05/01/2023	\$79.35
2661	A	Capacity Resource Deficiency	11/01/2024	(\$221.91)
2662	A	Generation Resource Rating Test Failure	06/01/2024	(\$236.88)

Total Credits: \$796,238.17



Memorandum

To: Brian Groth

From: Troy Fodor

Date: May 13, 2025

Re: IMEA - PJM Billing Explanation - December 2024

You have asked that IMEA share copies of the monthly billing statements we receive from PJM Settlement, Inc. for calendar year 2024 (CY24). We are willing to share the monthly statements, but a certain amount of explanation is required.

The PJM billing statement has numerous line items with no descriptions other than the line item's title, and the statement contains charges and credits for all PJM transactions, including transmission, ancillary services, capacity, energy, and PJM administrative charges for all IMEA members located in the PJM region. The monthly bill to Naperville from IMEA breaks out and aggregates the charges and credits from PJM. It should also be noted that roughly half of IMEA's load is located in MISO and that the PJM and MISO costs are aggregated together and socialized among all IMEA members in IMEA's postage stamp rates.

The purpose of this memo is to provide a list of the line items from the PJM billing statements that are included in either transmission, capacity or energy for purposes of IMEA's bill to Members. Additional information about PJM's billing statements can be found on the PJM website. See for example, [*Customer Guide to PJM Billing*](#), which gives a fuller description of each line item.

The PJM billing statement for the December 2024 billing period is attached hereto.

Transmission

Network Integrated Transmission Service (NITS) from PJM includes the charges based on ComEd's formula rate to recover ComEd's investment in its transmission system and its operating expenses. While NITS charges are the largest transmission

related cost, there are many other transmission related charges from PJM that are not included in NITS. The line items on the PJM billing statement that are tracked as transmission related are the following (there may be other line items properly tracked as transmission related that appear infrequently or that show a zero balance on a given month's bill):

1100	1140	1301	1330	1450	2130	2218	2415
1108	1210 (partial)*	1302	1340	1460	2140	2320	2510
1115	1215 (partial)*	1303	1380	1500	2211	2330	
1120	1216	1305	1410	2100	2215	2340	
1130	1218	1320	1440	2108	2217	2380	

* Line items 1210 (Day-ahead Transmission Congestion) and 1215 (Balancing Transmission Congestion) are manually split by IMEA between transmission and energy. The portion of the congestion costs or credits related to the delivery of Prairie State from MISO to PJM are captured and tracked by IMEA as energy related costs. The remainder of the congestion costs or credits are transmission related. The Prairie State related congestion costs or credits are determined based on the financial settlement of flows of electricity between PJM and MISO. IMEA calculates these amounts for the Day-ahead market and the Real-time market as follows: PJM's congestion portion of the locational marginal price (LMP) at the Prairie State node is subtracted from PJM's congestion portion of the LMP at the Naperville node. There are no similar congestion costs or credits for delivery of Trimble County energy from LG&E to PJM.

The portion of line items 1210 and 1215 that are transmission related costs/credits for December 2024 are negative \$430,345.36 and negative \$85,038.00, respectively.

For IMEA CY24 Network Integration Transmission Service and Other Supporting Facilities represent ~82.5% of the IMEA PJM transmission costs. Reactive Supply and Voltage Control represents ~3.9% of the IMEA PJM transmission costs. Transmission Enhancement charges and credits represent ~3.7% of the IMEA transmission costs. Day-Ahead, Balancing Transmission Congestion, Auction Revenue Rights, Financial Transmission Rights and Transmission related energy costs/credits represent ~6.2% of the IMEA transmission costs. PJM and Transmission Owner Scheduling, System Control and Dispatch, Regulation and Frequency Response and Black Start represents ~6.5% of the IMEA PJM transmission costs. There is a credit of 1.0% for Point to Point and a credit of 1.8%

for Reactive Supply and Voltage support. These percentages change from year to year, but the general composition of the charges/credits should remain proportional from year to year.

Capacity

PJM controls the capacity market for its region. Capacity is basically the ability of a generating resource to produce electricity at any time when called; 24x7x365. PJM models the loads and available generation for the region as a whole and for certain individual Local Deliverability Areas (LDAs) that have historically been constrained, which in recent years has included the ComEd zone. The general design of this market is a 3-year forward auction construct. It consists of a Base Residual Auction and 3 Incremental Auctions for each Delivery Year. The 3-year forward aspect has been compressed in recent years due to previous auctions having been delayed and some of the Incremental Auctions have not been held. PJM does not own any generating resources, but it requires the generating resources that are connected to the transmission system that it controls (or pseudo-tied into its region) to bid into the capacity auctions, and if they get approved in the auctions, they are required to bid into the energy market every day. PJM charges load serving entities for capacity and pays generating resources that got approved for payment in the auctions for providing that capacity. The line items on the PJM billing statement that are tracked as capacity related are the following (there may be other line items properly tracked as capacity related that appear infrequently or that show a zero balance on a given month's bill):

1600	1667	2605	2661	2666	2681
1610	2600	2640	2662	2667	

Energy

PJM controls the energy markets in its region. It requires generating resources to bid into the energy markets every 5 minutes of every day; 24x7x365. **PJM dispatches the least cost generating units that are selected from the bids for every 5 minutes of every day.** PJM charges load serving entities for energy and pays generating resources for energy delivered to the grid. The line items on the PJM billing statement that are tracked as energy related are the following (there may be other line items properly tracked as energy related that appear infrequently or that show a zero balance on a given month's bill):

1200	1243	1318	1375	1446	1957	2375
1205	1246	1319	1376	1447	2220	2390
1210 (partial)*	1250	1360	1400	1448	2360	2420
1215 (partial)*	1313	1361	1420	1449	2361	2980
1220	1314	1362	1430	1470	2366	
1225	1315	1365	1443	1471	2367	
1230	1316	1370	1444	1472	2368	
1242	1317	1371	1445	1478	2370	

* Line items 1210 and 1215 are manually split by IMEA between energy and transmission. See explanation of the determination of the split noted above.

The portion of line items 1210 and 1215 that are energy related costs/credits for December 2024 are negative \$219,109.50 and positive \$18,427.38, respectively.

We understand that you may provide this to one or more of your municipal electric customers and that the statements may be posted to the internet. While we would prefer that the IMEA PJM billing statements not be posted to the internet due to the high potential of the documents being misunderstood or misstated, if they are to be provided to members of the public that intend to post them, we ask that this memo be posted with the billing statements.

Illinois Municipal Electric Agency
Illinois Public Energy Agency
Illinois Municipal Utilities Association
www.imea.org

INVOICE NUMBER: 2024123107162

CUSTOMER ACCOUNT: Illinois Municipal Electric Agency

CUSTOMER IDENTIFIERS: [REDACTED]

FINAL BILLING STATEMENT ISSUED: 01/08/2025 08:47:00

BILLING PERIOD: 12/01/2024 to 12/31/2024

Monthly Billing Total: \$1,855,944.26

Previous Weekly Billing Total: \$1,206,883.23

Monthly Billing Statement Summary	Total
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Total Net Charge. Please Pay This Amount.	\$649,061.03
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TERMS: PAYABLE IN FULL BY 12:00 PM EPT ON 2025-01-17

Fed Wire/ACH Bank Instructions: PJM Settlement, Inc.

[REDACTED]
[REDACTED]
[REDACTED]
[REDACTED]

FOR INQUIRIES CONTACT:

PJM MEMBER RELATIONS (Banking / Payment): custsvc@pjm.com (866) 400-8980

PJM MARKET SETTLEMENTS (Billing Line Items): mrkt_settlement_ops@pjm.com (866) 400-8980

ADDITIONAL BILLING STATEMENT INFORMATION:

Please be aware that PJM and PNC Bank would never send an email or make a phone call instructing a PJM Member to change bank instructions. PJM's bank instructions are only communicated on the PJM Billing Statements found in PJM's Market Settlement Reporting System (MSRS) or alternatively, in PJM's eCredit System. If needed, PJM bank instructions can be confirmed by calling PJM Member Relations at (866)400-8980.

This cover page includes PJM Settlement, Inc. banking information that is NOT to be publicly shared. In order to reduce the risk of potential fraud, please redact any PJM Settlement banking information prior to including these billing statements in any public documents.

Stephen Lawson
President

CUSTOMER ACCOUNT: Illinois Municipal Electric Agency

CUSTOMER IDENTIFIERS 

FINAL BILLING STATEMENT ISSUED: 01/08/2025 08:47:00

BILLING PERIOD: 12/01/2024 to 12/31/2024

CHARGES	ADJ	BILLING LINE ITEM NAME	SOURCE BILLING PERIOD START	AMOUNT
1100		Network Integration Transmission Service		\$1,644,831.48
1108		Transmission Enhancement		\$158,746.83
1115		Transmission Enhancement Settlement (EL05-121-009)		(\$26,604.53)
1120		Other Supporting Facilities		\$268,599.48
1130		Firm Point-to-Point Transmission Service		\$0.00
1140		Non-Firm Point-to-Point Transmission Service		\$0.00
1200		Day-ahead Spot Market Energy		\$301,952.60
1205		Balancing Spot Market Energy		\$228,508.99
1210		Day-ahead Transmission Congestion		(\$649,454.86)
1215		Balancing Transmission Congestion		(\$66,610.62)
1216		Pseudo-Tie Balancing Congestion Refund		(\$23,530.56)
1220		Day-ahead Transmission Losses		(\$49,169.88)
1225		Balancing Transmission Losses		(\$16,107.63)
1230		Inadvertent Interchange		(\$1,062.58)
1242		Day-Ahead Load Response Charge Allocation		\$1,394.62
1243		Real-Time Load Response Charge Allocation		(\$81.66)
1250		Meter Error Correction		(\$555.48)
1301		PJM Scheduling, System Control and Dispatch Service - Control Area Administration		\$43,571.43

PJM Settlement, Inc.
2750 Monroe Blvd.
Audubon, PA 19403

CUSTOMER ACCOUNT: Illinois Municipal Electric Agency

CUSTOMER IDENTIFIERS [REDACTED]

FINAL BILLING STATEMENT ISSUED: 01/08/2025 08:47:00

BILLING PERIOD: 12/01/2024 to 12/31/2024

1302	PJM Scheduling, System Control and Dispatch Service - FTR Administration	\$20.29
1303	PJM Scheduling, System Control and Dispatch Service - Market Support	\$13,651.02
1305	PJM Scheduling, System Control and Dispatch Service - Capacity Resource/Obligation Mgmt.	\$6,005.72
1313	PJM Settlement, Inc.	\$1,273.09
1314	Market Monitoring Unit (MMU) Funding	\$2,301.09
1315	FERC Annual Recovery	\$22,369.81
1316	Organization of PJM States, Inc. (OPSI) Funding	\$199.43
1317	North American Electric Reliability Corporation (NERC)	\$3,390.37
1318	Reliability First Corporation (RFC)	\$4,902.74
1319	Consumer Advocates of PJM States, Inc. (CAPS)	\$99.72
1320	Transmission Owner Scheduling, System Control and Dispatch Service	\$36,945.09
1330	Reactive Supply and Voltage Control from Generation and Other Sources Service	\$90,938.73
1340	Regulation and Frequency Response Service	\$38,384.11
1360	Synchronized Reserve	\$8,140.72
1361	Secondary Reserve	\$296.97
1362	Non-Synchronized Reserve	\$1,049.72
1370	Day-ahead Operating Reserve	\$22,224.58
1375	Balancing Operating Reserve	\$15,184.83
1376	Balancing Operating Reserve for Load Response	\$0.02

CUSTOMER ACCOUNT: Illinois Municipal Electric Agency

CUSTOMER IDENTIFIERS 

FINAL BILLING STATEMENT ISSUED: 01/08/2025 08:47:00

BILLING PERIOD: 12/01/2024 to 12/31/2024

1380	Black Start Service	\$14,943.98
1400	Load Reconciliation for Spot Market Energy	\$387.78
1410	Load Reconciliation for Transmission Congestion	(\$93.20)
1420	Load Reconciliation for Transmission Losses	(\$15.94)
1430	Load Reconciliation for Inadvertent Interchange	\$0.31
1440	Load Reconciliation for PJM Scheduling, System Control and Dispatch Service	\$2.54
1443	Load Reconciliation for PJM Settlement, Inc.	\$0.02
1444	Load Reconciliation for Market Monitoring Unit (MMU) Funding	\$0.06
1445	Load Reconciliation for FERC Annual Recovery	\$0.96
1446	Load Reconciliation for Organization of PJM States, Inc. (OPSI) Funding	\$0.01
1447	Load Reconciliation for North American Electric Reliability Corporation (NERC)	\$0.15
1448	Load Reconciliation for Reliability First Corporation (RFC)	\$0.21
1450	Load Reconciliation for Transmission Owner Scheduling, System Control and Dispatch Service	\$1.59
1460	Load Reconciliation for Regulation and Frequency Response Service	\$4.19
1470	Load Reconciliation for Synchronized Reserve	\$1.58
1471	Load Reconciliation for Secondary Reserve	\$0.17
1472	Load Reconciliation for Non-Synchronized Reserve	\$0.34
1478	Load Reconciliation for Balancing Operating Reserve	\$0.04
1500	Financial Transmission Rights Auction	\$12,776.34

PJM Settlement, Inc.
2750 Monroe Blvd.
Audubon, PA 19403

CUSTOMER ACCOUNT: Illinois Municipal Electric Agency

CUSTOMER IDENTIFIERS [REDACTED]

FINAL BILLING STATEMENT ISSUED: 01/08/2025 08:47:00

BILLING PERIOD: 12/01/2024 to 12/31/2024

1600		RPM Auction		\$57,536.00
1610		Locational Reliability		\$468,450.92
1100	A	Network Integration Transmission Service	12/01/2024	\$29,404.01
1250	A	Meter Error Correction	11/01/2024	\$2.70
1317	A	North American Electric Reliability Corporation (NERC)	12/01/2024	\$1,714.85
1318	A	Reliability First Corporation (RFC)	12/01/2024	\$2,351.82
1340	A	Regulation and Frequency Response Service	06/01/2023	(\$1,293.21)
1340	A	Regulation and Frequency Response Service	07/01/2023	(\$1,312.93)
1340	A	Regulation and Frequency Response Service	08/01/2023	(\$1,142.91)
1340	A	Regulation and Frequency Response Service	09/01/2023	(\$847.27)
1340	A	Regulation and Frequency Response Service	10/01/2023	(\$735.91)
1340	A	Regulation and Frequency Response Service	11/01/2023	(\$596.09)
1340	A	Regulation and Frequency Response Service	09/01/2024	\$22.13
1360	A	Synchronized Reserve	02/01/2023	(\$1.57)
1360	A	Synchronized Reserve	06/01/2023	\$1.10
1360	A	Synchronized Reserve	07/01/2023	(\$8.53)
1360	A	Synchronized Reserve	08/01/2023	\$6.32
1360	A	Synchronized Reserve	09/01/2023	\$2.80
1360	A	Synchronized Reserve	10/01/2023	\$1.18

CUSTOMER ACCOUNT: Illinois Municipal Electric Agency

CUSTOMER IDENTIFIERS [REDACTED]

FINAL BILLING STATEMENT ISSUED: 01/08/2025 08:47:00

BILLING PERIOD: 12/01/2024 to 12/31/2024

1360	A	Synchronized Reserve	11/01/2023	\$1.35
1360	A	Synchronized Reserve	08/01/2024	(\$0.37)
1361	A	Secondary Reserve	06/01/2023	(\$0.10)
1361	A	Secondary Reserve	07/01/2023	\$0.04
1361	A	Secondary Reserve	08/01/2023	\$0.02
1361	A	Secondary Reserve	09/01/2023	\$0.86
1361	A	Secondary Reserve	10/01/2023	(\$1.46)
1361	A	Secondary Reserve	11/01/2023	\$0.14
1361	A	Secondary Reserve	08/01/2024	(\$0.38)
1362	A	Non-Synchronized Reserve	08/01/2023	(\$3.36)
1362	A	Non-Synchronized Reserve	08/01/2024	(\$1.77)
1370	A	Day-ahead Operating Reserve	08/01/2023	\$0.02
1370	A	Day-ahead Operating Reserve	10/01/2023	(\$0.04)
1375	A	Balancing Operating Reserve	02/01/2023	(\$1,858.70)
1375	A	Balancing Operating Reserve	06/01/2023	\$5.90
1375	A	Balancing Operating Reserve	07/01/2023	\$3.30
1375	A	Balancing Operating Reserve	08/01/2023	\$8.09
1375	A	Balancing Operating Reserve	09/01/2023	\$4.06
1375	A	Balancing Operating Reserve	10/01/2023	\$1.05

PJM Settlement, Inc.
2750 Monroe Blvd.
Audubon, PA 19403

CUSTOMER ACCOUNT: Illinois Municipal Electric Agency

CUSTOMER IDENTIFIERS 

FINAL BILLING STATEMENT ISSUED: 01/08/2025 08:47:00

BILLING PERIOD: 12/01/2024 to 12/31/2024

1375	A	Balancing Operating Reserve	11/01/2023	\$3.03
1375	A	Balancing Operating Reserve	08/01/2024	(\$34.46)
1375	A	Balancing Operating Reserve	09/01/2024	(\$51.98)

Total Charges: \$2,661,447.46

PJM Settlement, Inc.
2750 Monroe Blvd.
Audubon, PA 19403

CUSTOMER ACCOUNT: Illinois Municipal Electric Agency

CUSTOMER IDENTIFIERS 

FINAL BILLING STATEMENT ISSUED: 01/08/2025 08:47:00

BILLING PERIOD: 12/01/2024 to 12/31/2024

CREDITS	ADJ	BILLING LINE ITEM NAME	SOURCE BILLING PERIOD START	AMOUNT
2100		Network Integration Transmission Service		\$0.00
2108		Transmission Enhancement		\$53,581.20
2130		Firm Point-to-Point Transmission Service		\$25,102.12
2140		Non-Firm Point-to-Point Transmission Service		\$4,510.66
2211		Day-ahead Transmission Congestion		(\$3,524.09)
2215		Balancing Transmission Congestion		(\$74,871.92)
2220		Transmission Losses		\$86,013.38
2320		Transmission Owner Scheduling, System Control and Dispatch Service		\$0.00
2330		Reactive Supply and Voltage Control from Generation and Other Sources Service		\$41,781.22
2340		Regulation and Frequency Response Service		\$0.00
2360		Balancing Synchronized Reserve		\$1,810.29
2361		Balancing Secondary Reserve		\$0.00
2366		Day-ahead Synchronized Reserve		\$745.67
2367		Day-ahead Secondary Reserve		\$0.00
2368		Day-ahead Non-Synchronized Reserve		\$0.00
2370		Day-ahead Operating Reserve		\$0.00
2375		Balancing Operating Reserve		\$76,817.54
2380		Black Start Service		\$0.00

CUSTOMER ACCOUNT: Illinois Municipal Electric Agency

CUSTOMER IDENTIFIERS [REDACTED]

FINAL BILLING STATEMENT ISSUED: 01/08/2025 08:47:00

BILLING PERIOD: 12/01/2024 to 12/31/2024

2415		Balancing Transmission Congestion Load Reconciliation		(\$2.38)
2420		Load Reconciliation for Transmission Losses		\$3.31
2510		Auction Revenue Rights		\$162,429.77
2600		RPM Auction		\$386,888.99
2605		RPM Seasonal Capacity Performance Auction		\$17,930.40
2640		Incremental Capacity Transfer Rights		\$996.34
2661		Capacity Resource Deficiency		\$22,032.99
2681		FRR LSE Capacity Resource Deficiency		\$2,497.98
2140	A	Non-Firm Point-to-Point Transmission Service	11/01/2024	\$92.69
2211	A	Day-ahead Transmission Congestion	11/01/2024	(\$0.02)
2390	A	Fuel Cost Policy Penalty	10/01/2024	\$168.82
2390	A	Fuel Cost Policy Penalty	11/01/2024	\$161.50
2661	A	Capacity Resource Deficiency	06/01/2023	\$51.00
2661	A	Capacity Resource Deficiency	07/01/2023	\$52.70
2661	A	Capacity Resource Deficiency	08/01/2023	\$52.70
2661	A	Capacity Resource Deficiency	09/01/2023	\$51.00
2661	A	Capacity Resource Deficiency	10/01/2023	\$52.75
2661	A	Capacity Resource Deficiency	11/01/2023	\$51.00
2661	A	Capacity Resource Deficiency	04/01/2024	\$50.15

PJM Settlement, Inc.
2750 Monroe Blvd.
Audubon, PA 19403

CUSTOMER ACCOUNT: Illinois Municipal Electric Agency

CUSTOMER IDENTIFIERS 

FINAL BILLING STATEMENT ISSUED: 01/08/2025 08:47:00

BILLING PERIOD: 12/01/2024 to 12/31/2024

2661	A	Capacity Resource Deficiency	05/01/2024	\$52.08
2661	A	Capacity Resource Deficiency	06/01/2024	\$46.79
2661	A	Capacity Resource Deficiency	07/01/2024	\$48.33
2661	A	Capacity Resource Deficiency	08/01/2024	\$48.22
2661	A	Capacity Resource Deficiency	09/01/2024	\$9.33
2661	A	Capacity Resource Deficiency	12/01/2024	(\$229.31)

Total Credits: \$805,503.20