

KyPSC Case No. 2024-00197
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VERIFICATION

STATE OF NORTH CAROLINA)
) SS:
COUNTY OF MECKLENBURG)

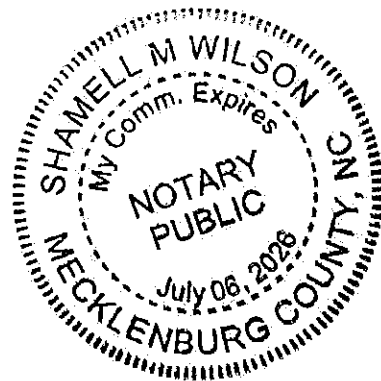
The undersigned, John D. Swez, Managing Director, Trading and Dispatch, being duly sworn, deposes and says that he has personal knowledge of the matters set forth in the foregoing data requests, and that the answers contained therein are true and correct to the best of his knowledge, information and belief.


John D. Swez, Affiant

Subscribed and sworn to before me by John D. Swez on this 28 day of August, 2024.


NOTARY PUBLIC


My Commission Expires:



VERIFICATION

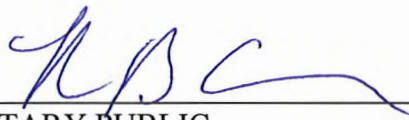
STATE OF NORTH CAROLINA)
)
COUNTY OF MECKLENBURG) SS:

The undersigned, Tim Duff, General Manager Customer Solutions Regulatory Enablement, being duly sworn deposes and says that he has personal knowledge of the matters set forth in the foregoing data requests, and that the answers contained therein are true and correct to the best of his knowledge, information, and belief.

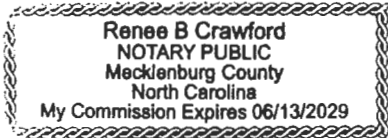


Tim Duff Affiant

Subscribed and sworn to before me by Tim Duff on this 30 day of September 2024.



NOTARY PUBLIC

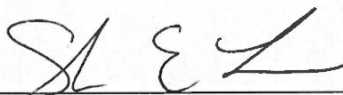


My Commission Expires: 06/13/2029

VERIFICATION

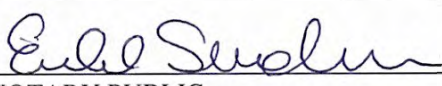
STATE OF OHIO)
) SS:
COUNTY OF HAMILTON)

The undersigned, Sarah Lawler, VP Rates & Regulatory Strategy, being duly sworn, deposes and says that she has personal knowledge of the matters set forth in the foregoing data requests, and that the answers contained therein are true and correct to the best of her knowledge, information and belief.



Sarah Lawler Affiant

Subscribed and sworn to before me by Sarah Lawler on this 1st day of October,
2024.



NOTARY PUBLIC

My Commission Expires: July 8, 2027



EMILIE SUNDERMAN
Notary Public
State of Ohio
My Comm. Expires
July 8, 2027

VERIFICATION

STATE OF NORTH CAROLINA)
)
COUNTY OF ~~MECKLENBURG~~ ⁸¹) SS:
 Lincoln)

The undersigned, Matt Kalemba, Vice President Integrated Resource Planning, being duly sworn, deposes and says that he has personal knowledge of the matters set forth in the foregoing data requests, and that the answers contained therein are true and correct to the best of his knowledge, information and belief.

Matt Kalemba
Matt Kalemba Affiant

Subscribed and sworn to before me by Matt Kalemba on this 2 day of October 2024.

SHEILA LEMOINE
Notary Public, North Carolina
Lincoln County
My Commission Expires
July 21, 2029

Sheila Lemoine
NOTARY PUBLIC

My Commission Expires: July 21, 2029

Duke Energy Kentucky
Case No. 2024-00197
KSES Second Set Data Requests
Date Received: September 25, 2024

KSES-DR-02-001

REQUEST:

Please refer to the following responses from Duke Energy Kentucky to the *Tendered Initial Requests for Information of Kentucky Solar Energy Society, Kentuckians for the Commonwealth, and Kentucky Resources Council to Duke Energy Kentucky* (“JI 1”), and provide responses in native, machine-readable electronic format (e.g., Microsoft Excel):

- a. JI 1-2, responses to l., m., and n.;
- b. JI 1-47
- c. JI 1-48
- d. JI 1-49

RESPONSE:

- a. Please see KSES-DR-02-001 Attachments 1 – 3.
- b. There are no native, machine-readable electronic formatted files associated with response to JI 1-47.
- c. Please see KSES-DR-02-001 Attachment 4 for the values in the last column of JI 1-48.
- d. As stated in response to JI 1-49, future impacts on customer energy bills were not evaluated in the 2024 DEK IRP.

PERSON RESPONSIBLE:

John Swez – a.
Tim Duff – b.
Sarah Lawler – c.
Matthew Kalemba – d.

Duke Energy Kentucky

KSES

IRP Case No. 2024-00197

Data Request Set No. 2.01

Note: PJM Unforced capacity (“UCAP”) period runs from June – May annually

UCAP	2018/2019	2019/2020	2020/2021	2021/2022	2022/2023	2023/2024	2024/2025
East Bend	557.0	574.3	576.6	584.2	554.4	543.3	552.3
Woodsdale 1	73.4	74.3	72.4	68.1	58.1	76.1	75.4
Woodsdale 2	75.0	76.2	76.7	69.6	65.8	76.0	76.4
Woodsdale 3	65.6	74.4	73.9	69.2	74.8	43.0	12.9
Woodsdale 4	54.5	77.0	74.8	74.4	75.2	75.8	75.6
Woodsdale 5	75.2	76.6	76.9	71.5	70.5	71.5	73.8
Woodsdale 6	74.9	76.4	68.4	69.6	77.0	74.2	74.0

Duke Energy Kentucky
 KSES
 IRP Case No. 2024-00197
 Data Request Set No. 2.01

Sum of Amount	Column Labels				
	2018	2022	2023	2024	Grand Total
Row Labels					
Capacity Auction (O)	\$ 2,026,798	\$ 1,537,235	\$ 1,300,148	\$ 153,040	\$ 5,017,220
Buy	\$ (1,107,963)				\$ (1,107,963)
Sale	\$ 3,134,760	\$ 1,537,235	\$ 1,300,148	\$ 153,040	\$ 6,125,183
Grand Total	\$ 2,026,798	\$ 1,537,235	\$ 1,300,148	\$ 153,040	\$ 5,017,220

\$ 5,017,220.04

Operating Day	Trade Type	Buy/Sale Ind	MWh	Price	Amount	Trade #
1/1/2018	Capacity Auction (O)	Sale	173	\$120.00	\$ 20,760.00	3297201
1/1/2018	Capacity Auction (O)	Buy	55	-\$26.50	\$ (1,457.50)	3416638
1/1/2018	Capacity Auction (O)	Buy	70	-\$84.00	\$ (5,880.00)	3355509
1/2/2018	Capacity Auction (O)	Sale	173	\$120.00	\$ 20,760.00	3297201
1/2/2018	Capacity Auction (O)	Buy	70	-\$84.00	\$ (5,880.00)	3355509
1/2/2018	Capacity Auction (O)	Buy	55	-\$26.50	\$ (1,457.50)	3416638
1/3/2018	Capacity Auction (O)	Buy	70	-\$84.00	\$ (5,880.00)	3355509
1/3/2018	Capacity Auction (O)	Sale	173	\$120.00	\$ 20,760.00	3297201
1/3/2018	Capacity Auction (O)	Buy	55	-\$26.50	\$ (1,457.50)	3416638
1/4/2018	Capacity Auction (O)	Sale	173	\$120.00	\$ 20,760.00	3297201
1/4/2018	Capacity Auction (O)	Buy	70	-\$84.00	\$ (5,880.00)	3355509
1/4/2018	Capacity Auction (O)	Buy	55	-\$26.50	\$ (1,457.50)	3416638
1/5/2018	Capacity Auction (O)	Sale	173	\$120.00	\$ 20,760.00	3297201
1/5/2018	Capacity Auction (O)	Buy	55	-\$26.50	\$ (1,457.50)	3416638
1/5/2018	Capacity Auction (O)	Buy	70	-\$84.00	\$ (5,880.00)	3355509
1/6/2018	Capacity Auction (O)	Buy	55	-\$26.50	\$ (1,457.50)	3416638
1/6/2018	Capacity Auction (O)	Sale	173	\$120.00	\$ 20,760.00	3297201
1/6/2018	Capacity Auction (O)	Buy	70	-\$84.00	\$ (5,880.00)	3355509
1/7/2018	Capacity Auction (O)	Buy	55	-\$26.50	\$ (1,457.50)	3416638
1/7/2018	Capacity Auction (O)	Sale	173	\$120.00	\$ 20,760.00	3297201
1/7/2018	Capacity Auction (O)	Buy	70	-\$84.00	\$ (5,880.00)	3355509
1/8/2018	Capacity Auction (O)	Buy	55	-\$26.50	\$ (1,457.50)	3416638
1/8/2018	Capacity Auction (O)	Sale	173	\$120.00	\$ 20,760.00	3297201
1/8/2018	Capacity Auction (O)	Buy	70	-\$84.00	\$ (5,880.00)	3355509
1/9/2018	Capacity Auction (O)	Buy	55	-\$26.50	\$ (1,457.50)	3416638
1/9/2018	Capacity Auction (O)	Sale	173	\$120.00	\$ 20,760.00	3297201
1/9/2018	Capacity Auction (O)	Buy	70	-\$84.00	\$ (5,880.00)	3355509
1/10/2018	Capacity Auction (O)	Buy	55	-\$26.50	\$ (1,457.50)	3416638
1/10/2018	Capacity Auction (O)	Sale	173	\$120.00	\$ 20,760.00	3297201
1/10/2018	Capacity Auction (O)	Buy	70	-\$84.00	\$ (5,880.00)	3355509
1/11/2018	Capacity Auction (O)	Buy	55	-\$26.50	\$ (1,457.50)	3416638
1/11/2018	Capacity Auction (O)	Sale	173	\$120.00	\$ 20,760.00	3297201
1/11/2018	Capacity Auction (O)	Buy	70	-\$84.00	\$ (5,880.00)	3355509
1/12/2018	Capacity Auction (O)	Buy	70	-\$84.00	\$ (5,880.00)	3355509
1/12/2018	Capacity Auction (O)	Buy	55	-\$26.50	\$ (1,457.50)	3416638
1/12/2018	Capacity Auction (O)	Sale	173	\$120.00	\$ 20,760.00	3297201
1/13/2018	Capacity Auction (O)	Sale	173	\$120.00	\$ 20,760.00	3297201
1/13/2018	Capacity Auction (O)	Buy	55	-\$26.50	\$ (1,457.50)	3416638
1/13/2018	Capacity Auction (O)	Buy	70	-\$84.00	\$ (5,880.00)	3355509
1/14/2018	Capacity Auction (O)	Sale	173	\$120.00	\$ 20,760.00	3297201
1/14/2018	Capacity Auction (O)	Buy	55	-\$26.50	\$ (1,457.50)	3416638
1/14/2018	Capacity Auction (O)	Buy	70	-\$84.00	\$ (5,880.00)	3355509
1/15/2018	Capacity Auction (O)	Buy	55	-\$26.50	\$ (1,457.50)	3416638
1/15/2018	Capacity Auction (O)	Sale	173	\$120.00	\$ 20,760.00	3297201
1/15/2018	Capacity Auction (O)	Buy	70	-\$84.00	\$ (5,880.00)	3355509
1/16/2018	Capacity Auction (O)	Buy	55	-\$26.50	\$ (1,457.50)	3416638
1/16/2018	Capacity Auction (O)	Buy	70	-\$84.00	\$ (5,880.00)	3355509
1/16/2018	Capacity Auction (O)	Sale	173	\$120.00	\$ 20,760.00	3297201
1/17/2018	Capacity Auction (O)	Buy	55	-\$26.50	\$ (1,457.50)	3416638
1/17/2018	Capacity Auction (O)	Sale	173	\$120.00	\$ 20,760.00	3297201
1/17/2018	Capacity Auction (O)	Buy	70	-\$84.00	\$ (5,880.00)	3355509
1/18/2018	Capacity Auction (O)	Sale	173	\$120.00	\$ 20,760.00	3297201
1/18/2018	Capacity Auction (O)	Buy	55	-\$26.50	\$ (1,457.50)	3416638
1/18/2018	Capacity Auction (O)	Buy	70	-\$84.00	\$ (5,880.00)	3355509
1/19/2018	Capacity Auction (O)	Sale	173	\$120.00	\$ 20,760.00	3297201
1/19/2018	Capacity Auction (O)	Buy	55	-\$26.50	\$ (1,457.50)	3416638
1/19/2018	Capacity Auction (O)	Buy	70	-\$84.00	\$ (5,880.00)	3355509
1/20/2018	Capacity Auction (O)	Buy	55	-\$26.50	\$ (1,457.50)	3416638
1/20/2018	Capacity Auction (O)	Sale	173	\$120.00	\$ 20,760.00	3297201
1/20/2018	Capacity Auction (O)	Buy	70	-\$84.00	\$ (5,880.00)	3355509

Duke Energy Kentucky
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 IRP Case No. 2024-00197
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Row Labels					
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Buy	\$ (1,107,963)				\$ (1,107,963)
Sale	\$ 3,134,760	\$ 1,537,235	\$ 1,300,148	\$ 153,040	\$ 6,125,183
Grand Total	\$ 2,026,798	\$ 1,537,235	\$ 1,300,148	\$ 153,040	\$ 5,017,220

\$ 5,017,220.04

Operating Day	Trade Type	Buy/Sale Ind	MWh	Price	Amount	Trade #
1/21/2018	Capacity Auction (O)	Buy	55	-\$26.50	\$ (1,457.50)	3416638
1/21/2018	Capacity Auction (O)	Sale	173	\$120.00	\$ 20,760.00	3297201
1/21/2018	Capacity Auction (O)	Buy	70	-\$84.00	\$ (5,880.00)	3355509
1/22/2018	Capacity Auction (O)	Buy	55	-\$26.50	\$ (1,457.50)	3416638
1/22/2018	Capacity Auction (O)	Sale	173	\$120.00	\$ 20,760.00	3297201
1/22/2018	Capacity Auction (O)	Buy	70	-\$84.00	\$ (5,880.00)	3355509
1/23/2018	Capacity Auction (O)	Sale	173	\$120.00	\$ 20,760.00	3297201
1/23/2018	Capacity Auction (O)	Buy	55	-\$26.50	\$ (1,457.50)	3416638
1/23/2018	Capacity Auction (O)	Buy	70	-\$84.00	\$ (5,880.00)	3355509
1/24/2018	Capacity Auction (O)	Sale	173	\$120.00	\$ 20,760.00	3297201
1/24/2018	Capacity Auction (O)	Buy	55	-\$26.50	\$ (1,457.50)	3416638
1/24/2018	Capacity Auction (O)	Buy	70	-\$84.00	\$ (5,880.00)	3355509
1/25/2018	Capacity Auction (O)	Buy	55	-\$26.50	\$ (1,457.50)	3416638
1/25/2018	Capacity Auction (O)	Sale	173	\$120.00	\$ 20,760.00	3297201
1/25/2018	Capacity Auction (O)	Buy	70	-\$84.00	\$ (5,880.00)	3355509
1/26/2018	Capacity Auction (O)	Buy	55	-\$26.50	\$ (1,457.50)	3416638
1/26/2018	Capacity Auction (O)	Sale	173	\$120.00	\$ 20,760.00	3297201
1/26/2018	Capacity Auction (O)	Buy	70	-\$84.00	\$ (5,880.00)	3355509
1/27/2018	Capacity Auction (O)	Buy	55	-\$26.50	\$ (1,457.50)	3416638
1/27/2018	Capacity Auction (O)	Sale	173	\$120.00	\$ 20,760.00	3297201
1/27/2018	Capacity Auction (O)	Buy	70	-\$84.00	\$ (5,880.00)	3355509
1/28/2018	Capacity Auction (O)	Sale	173	\$120.00	\$ 20,760.00	3297201
1/28/2018	Capacity Auction (O)	Buy	55	-\$26.50	\$ (1,457.50)	3416638
1/28/2018	Capacity Auction (O)	Buy	70	-\$84.00	\$ (5,880.00)	3355509
1/29/2018	Capacity Auction (O)	Sale	173	\$120.00	\$ 20,760.00	3297201
1/29/2018	Capacity Auction (O)	Buy	55	-\$26.50	\$ (1,457.50)	3416638
1/29/2018	Capacity Auction (O)	Buy	70	-\$84.00	\$ (5,880.00)	3355509
1/30/2018	Capacity Auction (O)	Buy	55	-\$26.50	\$ (1,457.50)	3416638
1/30/2018	Capacity Auction (O)	Sale	173	\$120.00	\$ 20,760.00	3297201
1/30/2018	Capacity Auction (O)	Buy	70	-\$84.00	\$ (5,880.00)	3355509
1/31/2018	Capacity Auction (O)	Buy	55	-\$26.50	\$ (1,457.50)	3416638
1/31/2018	Capacity Auction (O)	Sale	173	\$120.00	\$ 20,760.00	3297201
1/31/2018	Capacity Auction (O)	Buy	70	-\$84.00	\$ (5,880.00)	3355509
2/1/2018	Capacity Auction (O)	Sale	173	\$120.00	\$ 20,760.00	3297201
2/1/2018	Capacity Auction (O)	Buy	55	-\$26.50	\$ (1,457.50)	3416638
2/1/2018	Capacity Auction (O)	Buy	70	-\$84.00	\$ (5,880.00)	3355509
2/2/2018	Capacity Auction (O)	Buy	70	-\$84.00	\$ (5,880.00)	3355509
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2/3/2018	Capacity Auction (O)	Sale	173	\$120.00	\$ 20,760.00	3297201
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2/5/2018	Capacity Auction (O)	Buy	55	-\$26.50	\$ (1,457.50)	3416638
2/5/2018	Capacity Auction (O)	Sale	173	\$120.00	\$ 20,760.00	3297201
2/5/2018	Capacity Auction (O)	Buy	70	-\$84.00	\$ (5,880.00)	3355509
2/6/2018	Capacity Auction (O)	Buy	55	-\$26.50	\$ (1,457.50)	3416638
2/6/2018	Capacity Auction (O)	Sale	173	\$120.00	\$ 20,760.00	3297201
2/6/2018	Capacity Auction (O)	Buy	70	-\$84.00	\$ (5,880.00)	3355509
2/7/2018	Capacity Auction (O)	Buy	55	-\$26.50	\$ (1,457.50)	3416638
2/7/2018	Capacity Auction (O)	Buy	70	-\$84.00	\$ (5,880.00)	3355509
2/7/2018	Capacity Auction (O)	Sale	173	\$120.00	\$ 20,760.00	3297201
2/8/2018	Capacity Auction (O)	Buy	55	-\$26.50	\$ (1,457.50)	3416638
2/8/2018	Capacity Auction (O)	Sale	173	\$120.00	\$ 20,760.00	3297201
2/8/2018	Capacity Auction (O)	Buy	70	-\$84.00	\$ (5,880.00)	3355509
2/9/2018	Capacity Auction (O)	Sale	173	\$120.00	\$ 20,760.00	3297201
2/9/2018	Capacity Auction (O)	Buy	55	-\$26.50	\$ (1,457.50)	3416638
2/9/2018	Capacity Auction (O)	Buy	70	-\$84.00	\$ (5,880.00)	3355509

Duke Energy Kentucky
 KSES
 IRP Case No. 2024-00197
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Sum of Amount	Column Labels				
	2018	2022	2023	2024	Grand Total
Row Labels					
Capacity Auction (O)	\$ 2,026,798	\$ 1,537,235	\$ 1,300,148	\$ 153,040	\$ 5,017,220
Buy	\$ (1,107,963)				\$ (1,107,963)
Sale	\$ 3,134,760	\$ 1,537,235	\$ 1,300,148	\$ 153,040	\$ 6,125,183
Grand Total	\$ 2,026,798	\$ 1,537,235	\$ 1,300,148	\$ 153,040	\$ 5,017,220

\$ 5,017,220.04

Operating Day	Trade Type	Buy/Sale Ind	MWh	Price	Amount	Trade #
2/10/2018	Capacity Auction (O)	Buy	55	-\$26.50	\$ (1,457.50)	3416638
2/10/2018	Capacity Auction (O)	Buy	70	-\$84.00	\$ (5,880.00)	3355509
2/10/2018	Capacity Auction (O)	Sale	173	\$120.00	\$ 20,760.00	3297201
2/11/2018	Capacity Auction (O)	Buy	55	-\$26.50	\$ (1,457.50)	3416638
2/11/2018	Capacity Auction (O)	Buy	70	-\$84.00	\$ (5,880.00)	3355509
2/11/2018	Capacity Auction (O)	Sale	173	\$120.00	\$ 20,760.00	3297201
2/12/2018	Capacity Auction (O)	Buy	55	-\$26.50	\$ (1,457.50)	3416638
2/12/2018	Capacity Auction (O)	Buy	70	-\$84.00	\$ (5,880.00)	3355509
2/12/2018	Capacity Auction (O)	Sale	173	\$120.00	\$ 20,760.00	3297201
2/13/2018	Capacity Auction (O)	Buy	55	-\$26.50	\$ (1,457.50)	3416638
2/13/2018	Capacity Auction (O)	Buy	70	-\$84.00	\$ (5,880.00)	3355509
2/13/2018	Capacity Auction (O)	Sale	173	\$120.00	\$ 20,760.00	3297201
2/14/2018	Capacity Auction (O)	Buy	55	-\$26.50	\$ (1,457.50)	3416638
2/14/2018	Capacity Auction (O)	Buy	70	-\$84.00	\$ (5,880.00)	3355509
2/14/2018	Capacity Auction (O)	Sale	173	\$120.00	\$ 20,760.00	3297201
2/15/2018	Capacity Auction (O)	Buy	55	-\$26.50	\$ (1,457.50)	3416638
2/15/2018	Capacity Auction (O)	Buy	70	-\$84.00	\$ (5,880.00)	3355509
2/15/2018	Capacity Auction (O)	Sale	173	\$120.00	\$ 20,760.00	3297201
2/16/2018	Capacity Auction (O)	Buy	55	-\$26.50	\$ (1,457.50)	3416638
2/16/2018	Capacity Auction (O)	Buy	70	-\$84.00	\$ (5,880.00)	3355509
2/16/2018	Capacity Auction (O)	Sale	173	\$120.00	\$ 20,760.00	3297201
2/17/2018	Capacity Auction (O)	Buy	55	-\$26.50	\$ (1,457.50)	3416638
2/17/2018	Capacity Auction (O)	Buy	70	-\$84.00	\$ (5,880.00)	3355509
2/17/2018	Capacity Auction (O)	Sale	173	\$120.00	\$ 20,760.00	3297201
2/18/2018	Capacity Auction (O)	Buy	55	-\$26.50	\$ (1,457.50)	3416638
2/18/2018	Capacity Auction (O)	Buy	70	-\$84.00	\$ (5,880.00)	3355509
2/18/2018	Capacity Auction (O)	Sale	173	\$120.00	\$ 20,760.00	3297201
2/19/2018	Capacity Auction (O)	Buy	55	-\$26.50	\$ (1,457.50)	3416638
2/19/2018	Capacity Auction (O)	Buy	70	-\$84.00	\$ (5,880.00)	3355509
2/19/2018	Capacity Auction (O)	Sale	173	\$120.00	\$ 20,760.00	3297201
2/20/2018	Capacity Auction (O)	Sale	173	\$120.00	\$ 20,760.00	3297201
2/20/2018	Capacity Auction (O)	Buy	70	-\$84.00	\$ (5,880.00)	3355509
2/20/2018	Capacity Auction (O)	Buy	55	-\$26.50	\$ (1,457.50)	3416638
2/21/2018	Capacity Auction (O)	Buy	55	-\$26.50	\$ (1,457.50)	3416638
2/21/2018	Capacity Auction (O)	Buy	70	-\$84.00	\$ (5,880.00)	3355509
2/21/2018	Capacity Auction (O)	Sale	173	\$120.00	\$ 20,760.00	3297201
2/22/2018	Capacity Auction (O)	Buy	55	-\$26.50	\$ (1,457.50)	3416638
2/22/2018	Capacity Auction (O)	Sale	173	\$120.00	\$ 20,760.00	3297201
2/22/2018	Capacity Auction (O)	Buy	70	-\$84.00	\$ (5,880.00)	3355509
2/23/2018	Capacity Auction (O)	Buy	55	-\$26.50	\$ (1,457.50)	3416638
2/23/2018	Capacity Auction (O)	Buy	70	-\$84.00	\$ (5,880.00)	3355509
2/23/2018	Capacity Auction (O)	Sale	173	\$120.00	\$ 20,760.00	3297201
2/24/2018	Capacity Auction (O)	Buy	55	-\$26.50	\$ (1,457.50)	3416638
2/24/2018	Capacity Auction (O)	Buy	70	-\$84.00	\$ (5,880.00)	3355509
2/24/2018	Capacity Auction (O)	Sale	173	\$120.00	\$ 20,760.00	3297201
2/25/2018	Capacity Auction (O)	Buy	55	-\$26.50	\$ (1,457.50)	3416638
2/25/2018	Capacity Auction (O)	Buy	70	-\$84.00	\$ (5,880.00)	3355509
2/25/2018	Capacity Auction (O)	Sale	173	\$120.00	\$ 20,760.00	3297201
2/26/2018	Capacity Auction (O)	Buy	55	-\$26.50	\$ (1,457.50)	3416638
2/26/2018	Capacity Auction (O)	Buy	70	-\$84.00	\$ (5,880.00)	3355509
2/26/2018	Capacity Auction (O)	Sale	173	\$120.00	\$ 20,760.00	3297201
2/27/2018	Capacity Auction (O)	Buy	55	-\$26.50	\$ (1,457.50)	3416638
2/27/2018	Capacity Auction (O)	Buy	70	-\$84.00	\$ (5,880.00)	3355509
2/27/2018	Capacity Auction (O)	Sale	173	\$120.00	\$ 20,760.00	3297201
2/28/2018	Capacity Auction (O)	Buy	55	-\$26.50	\$ (1,457.50)	3416638
2/28/2018	Capacity Auction (O)	Buy	70	-\$84.00	\$ (5,880.00)	3355509
2/28/2018	Capacity Auction (O)	Sale	173	\$120.00	\$ 20,760.00	3297201
3/1/2018	Capacity Auction (O)	Sale	173	\$120.00	\$ 20,760.00	3297201
3/1/2018	Capacity Auction (O)	Buy	55	-\$26.50	\$ (1,457.50)	3416638
3/1/2018	Capacity Auction (O)	Buy	70	-\$84.00	\$ (5,880.00)	3355509

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Sum of Amount	Column Labels				
	2018	2022	2023	2024	Grand Total
Row Labels					
Capacity Auction (O)	\$ 2,026,798	\$ 1,537,235	\$ 1,300,148	\$ 153,040	\$ 5,017,220
Buy	\$ (1,107,963)				\$ (1,107,963)
Sale	\$ 3,134,760	\$ 1,537,235	\$ 1,300,148	\$ 153,040	\$ 6,125,183
Grand Total	\$ 2,026,798	\$ 1,537,235	\$ 1,300,148	\$ 153,040	\$ 5,017,220

\$ 5,017,220.04

Operating Day	Trade Type	Buy/Sale Ind	MWh	Price	Amount	Trade #
3/2/2018	Capacity Auction (O)	Buy	70	-\$84.00	\$ (5,880.00)	3355509
3/2/2018	Capacity Auction (O)	Sale	173	\$120.00	\$ 20,760.00	3297201
3/2/2018	Capacity Auction (O)	Buy	55	-\$26.50	\$ (1,457.50)	3416638
3/3/2018	Capacity Auction (O)	Buy	70	-\$84.00	\$ (5,880.00)	3355509
3/3/2018	Capacity Auction (O)	Sale	173	\$120.00	\$ 20,760.00	3297201
3/3/2018	Capacity Auction (O)	Buy	55	-\$26.50	\$ (1,457.50)	3416638
3/4/2018	Capacity Auction (O)	Sale	173	\$120.00	\$ 20,760.00	3297201
3/4/2018	Capacity Auction (O)	Buy	70	-\$84.00	\$ (5,880.00)	3355509
3/4/2018	Capacity Auction (O)	Buy	55	-\$26.50	\$ (1,457.50)	3416638
3/5/2018	Capacity Auction (O)	Buy	55	-\$26.50	\$ (1,457.50)	3416638
3/5/2018	Capacity Auction (O)	Buy	70	-\$84.00	\$ (5,880.00)	3355509
3/5/2018	Capacity Auction (O)	Sale	173	\$120.00	\$ 20,760.00	3297201
3/6/2018	Capacity Auction (O)	Buy	70	-\$84.00	\$ (5,880.00)	3355509
3/6/2018	Capacity Auction (O)	Buy	55	-\$26.50	\$ (1,457.50)	3416638
3/6/2018	Capacity Auction (O)	Sale	173	\$120.00	\$ 20,760.00	3297201
3/7/2018	Capacity Auction (O)	Buy	55	-\$26.50	\$ (1,457.50)	3416638
3/7/2018	Capacity Auction (O)	Sale	173	\$120.00	\$ 20,760.00	3297201
3/7/2018	Capacity Auction (O)	Buy	70	-\$84.00	\$ (5,880.00)	3355509
3/8/2018	Capacity Auction (O)	Buy	55	-\$26.50	\$ (1,457.50)	3416638
3/8/2018	Capacity Auction (O)	Sale	173	\$120.00	\$ 20,760.00	3297201
3/8/2018	Capacity Auction (O)	Buy	70	-\$84.00	\$ (5,880.00)	3355509
3/9/2018	Capacity Auction (O)	Buy	55	-\$26.50	\$ (1,457.50)	3416638
3/9/2018	Capacity Auction (O)	Sale	173	\$120.00	\$ 20,760.00	3297201
3/9/2018	Capacity Auction (O)	Buy	70	-\$84.00	\$ (5,880.00)	3355509
3/10/2018	Capacity Auction (O)	Buy	70	-\$84.00	\$ (5,880.00)	3355509
3/10/2018	Capacity Auction (O)	Buy	55	-\$26.50	\$ (1,457.50)	3416638
3/10/2018	Capacity Auction (O)	Sale	173	\$120.00	\$ 20,760.00	3297201
3/11/2018	Capacity Auction (O)	Buy	55	-\$26.50	\$ (1,457.50)	3416638
3/11/2018	Capacity Auction (O)	Buy	70	-\$84.00	\$ (5,880.00)	3355509
3/11/2018	Capacity Auction (O)	Sale	173	\$120.00	\$ 20,760.00	3297201
3/12/2018	Capacity Auction (O)	Buy	55	-\$26.50	\$ (1,457.50)	3416638
3/12/2018	Capacity Auction (O)	Sale	173	\$120.00	\$ 20,760.00	3297201
3/12/2018	Capacity Auction (O)	Buy	70	-\$84.00	\$ (5,880.00)	3355509
3/13/2018	Capacity Auction (O)	Buy	55	-\$26.50	\$ (1,457.50)	3416638
3/13/2018	Capacity Auction (O)	Sale	173	\$120.00	\$ 20,760.00	3297201
3/13/2018	Capacity Auction (O)	Buy	70	-\$84.00	\$ (5,880.00)	3355509
3/14/2018	Capacity Auction (O)	Sale	173	\$120.00	\$ 20,760.00	3297201
3/14/2018	Capacity Auction (O)	Buy	70	-\$84.00	\$ (5,880.00)	3355509
3/14/2018	Capacity Auction (O)	Buy	55	-\$26.50	\$ (1,457.50)	3416638
3/15/2018	Capacity Auction (O)	Buy	55	-\$26.50	\$ (1,457.50)	3416638
3/15/2018	Capacity Auction (O)	Sale	173	\$120.00	\$ 20,760.00	3297201
3/15/2018	Capacity Auction (O)	Buy	70	-\$84.00	\$ (5,880.00)	3355509
3/16/2018	Capacity Auction (O)	Sale	173	\$120.00	\$ 20,760.00	3297201
3/16/2018	Capacity Auction (O)	Buy	70	-\$84.00	\$ (5,880.00)	3355509
3/16/2018	Capacity Auction (O)	Buy	55	-\$26.50	\$ (1,457.50)	3416638
3/17/2018	Capacity Auction (O)	Sale	173	\$120.00	\$ 20,760.00	3297201
3/17/2018	Capacity Auction (O)	Buy	70	-\$84.00	\$ (5,880.00)	3355509
3/17/2018	Capacity Auction (O)	Buy	55	-\$26.50	\$ (1,457.50)	3416638
3/18/2018	Capacity Auction (O)	Sale	173	\$120.00	\$ 20,760.00	3297201
3/18/2018	Capacity Auction (O)	Buy	70	-\$84.00	\$ (5,880.00)	3355509
3/18/2018	Capacity Auction (O)	Buy	55	-\$26.50	\$ (1,457.50)	3416638
3/19/2018	Capacity Auction (O)	Sale	173	\$120.00	\$ 20,760.00	3297201
3/19/2018	Capacity Auction (O)	Buy	70	-\$84.00	\$ (5,880.00)	3355509
3/19/2018	Capacity Auction (O)	Buy	55	-\$26.50	\$ (1,457.50)	3416638
3/20/2018	Capacity Auction (O)	Buy	70	-\$84.00	\$ (5,880.00)	3355509
3/20/2018	Capacity Auction (O)	Sale	173	\$120.00	\$ 20,760.00	3297201
3/20/2018	Capacity Auction (O)	Buy	55	-\$26.50	\$ (1,457.50)	3416638
3/21/2018	Capacity Auction (O)	Buy	70	-\$84.00	\$ (5,880.00)	3355509
3/21/2018	Capacity Auction (O)	Sale	173	\$120.00	\$ 20,760.00	3297201
3/21/2018	Capacity Auction (O)	Buy	55	-\$26.50	\$ (1,457.50)	3416638

Duke Energy Kentucky
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Sum of Amount	Column Labels				
	2018	2022	2023	2024	Grand Total
Row Labels					
Capacity Auction (O)	\$ 2,026,798	\$ 1,537,235	\$ 1,300,148	\$ 153,040	\$ 5,017,220
Buy	\$ (1,107,963)				\$ (1,107,963)
Sale	\$ 3,134,760	\$ 1,537,235	\$ 1,300,148	\$ 153,040	\$ 6,125,183
Grand Total	\$ 2,026,798	\$ 1,537,235	\$ 1,300,148	\$ 153,040	\$ 5,017,220

\$ 5,017,220.04

Operating Day	Trade Type	Buy/Sale Ind	MWh	Price	Amount	Trade #
3/22/2018	Capacity Auction (O)	Sale	173	\$120.00	\$ 20,760.00	3297201
3/22/2018	Capacity Auction (O)	Buy	70	-\$84.00	\$ (5,880.00)	3355509
3/22/2018	Capacity Auction (O)	Buy	55	-\$26.50	\$ (1,457.50)	3416638
3/23/2018	Capacity Auction (O)	Buy	55	-\$26.50	\$ (1,457.50)	3416638
3/23/2018	Capacity Auction (O)	Buy	70	-\$84.00	\$ (5,880.00)	3355509
3/23/2018	Capacity Auction (O)	Sale	173	\$120.00	\$ 20,760.00	3297201
3/24/2018	Capacity Auction (O)	Buy	55	-\$26.50	\$ (1,457.50)	3416638
3/24/2018	Capacity Auction (O)	Sale	173	\$120.00	\$ 20,760.00	3297201
3/24/2018	Capacity Auction (O)	Buy	70	-\$84.00	\$ (5,880.00)	3355509
3/25/2018	Capacity Auction (O)	Sale	173	\$120.00	\$ 20,760.00	3297201
3/25/2018	Capacity Auction (O)	Buy	55	-\$26.50	\$ (1,457.50)	3416638
3/25/2018	Capacity Auction (O)	Buy	70	-\$84.00	\$ (5,880.00)	3355509
3/26/2018	Capacity Auction (O)	Buy	70	-\$84.00	\$ (5,880.00)	3355509
3/26/2018	Capacity Auction (O)	Sale	173	\$120.00	\$ 20,760.00	3297201
3/26/2018	Capacity Auction (O)	Buy	55	-\$26.50	\$ (1,457.50)	3416638
3/27/2018	Capacity Auction (O)	Buy	55	-\$26.50	\$ (1,457.50)	3416638
3/27/2018	Capacity Auction (O)	Sale	173	\$120.00	\$ 20,760.00	3297201
3/27/2018	Capacity Auction (O)	Buy	70	-\$84.00	\$ (5,880.00)	3355509
3/28/2018	Capacity Auction (O)	Sale	173	\$120.00	\$ 20,760.00	3297201
3/28/2018	Capacity Auction (O)	Buy	70	-\$84.00	\$ (5,880.00)	3355509
3/28/2018	Capacity Auction (O)	Buy	55	-\$26.50	\$ (1,457.50)	3416638
3/29/2018	Capacity Auction (O)	Buy	55	-\$26.50	\$ (1,457.50)	3416638
3/29/2018	Capacity Auction (O)	Buy	70	-\$84.00	\$ (5,880.00)	3355509
3/29/2018	Capacity Auction (O)	Sale	173	\$120.00	\$ 20,760.00	3297201
3/30/2018	Capacity Auction (O)	Buy	55	-\$26.50	\$ (1,457.50)	3416638
3/30/2018	Capacity Auction (O)	Buy	70	-\$84.00	\$ (5,880.00)	3355509
3/30/2018	Capacity Auction (O)	Sale	173	\$120.00	\$ 20,760.00	3297201
3/31/2018	Capacity Auction (O)	Buy	55	-\$26.50	\$ (1,457.50)	3416638
3/31/2018	Capacity Auction (O)	Sale	173	\$120.00	\$ 20,760.00	3297201
3/31/2018	Capacity Auction (O)	Buy	70	-\$84.00	\$ (5,880.00)	3355509
4/1/2018	Capacity Auction (O)	Buy	70	-\$84.00	\$ (5,880.00)	3355509
4/1/2018	Capacity Auction (O)	Sale	173	\$120.00	\$ 20,760.00	3297201
4/1/2018	Capacity Auction (O)	Buy	55	-\$26.50	\$ (1,457.50)	3416638
4/2/2018	Capacity Auction (O)	Buy	70	-\$84.00	\$ (5,880.00)	3355509
4/2/2018	Capacity Auction (O)	Sale	173	\$120.00	\$ 20,760.00	3297201
4/2/2018	Capacity Auction (O)	Buy	55	-\$26.50	\$ (1,457.50)	3416638
4/3/2018	Capacity Auction (O)	Buy	55	-\$26.50	\$ (1,457.50)	3416638
4/3/2018	Capacity Auction (O)	Buy	70	-\$84.00	\$ (5,880.00)	3355509
4/3/2018	Capacity Auction (O)	Sale	173	\$120.00	\$ 20,760.00	3297201
4/4/2018	Capacity Auction (O)	Buy	70	-\$84.00	\$ (5,880.00)	3355509
4/4/2018	Capacity Auction (O)	Sale	173	\$120.00	\$ 20,760.00	3297201
4/4/2018	Capacity Auction (O)	Buy	55	-\$26.50	\$ (1,457.50)	3416638
4/5/2018	Capacity Auction (O)	Sale	173	\$120.00	\$ 20,760.00	3297201
4/5/2018	Capacity Auction (O)	Buy	55	-\$26.50	\$ (1,457.50)	3416638
4/5/2018	Capacity Auction (O)	Buy	70	-\$84.00	\$ (5,880.00)	3355509
4/6/2018	Capacity Auction (O)	Sale	173	\$120.00	\$ 20,760.00	3297201
4/6/2018	Capacity Auction (O)	Buy	55	-\$26.50	\$ (1,457.50)	3416638
4/6/2018	Capacity Auction (O)	Buy	70	-\$84.00	\$ (5,880.00)	3355509
4/7/2018	Capacity Auction (O)	Buy	55	-\$26.50	\$ (1,457.50)	3416638
4/7/2018	Capacity Auction (O)	Sale	173	\$120.00	\$ 20,760.00	3297201
4/7/2018	Capacity Auction (O)	Buy	70	-\$84.00	\$ (5,880.00)	3355509
4/8/2018	Capacity Auction (O)	Buy	55	-\$26.50	\$ (1,457.50)	3416638
4/8/2018	Capacity Auction (O)	Sale	173	\$120.00	\$ 20,760.00	3297201
4/8/2018	Capacity Auction (O)	Buy	70	-\$84.00	\$ (5,880.00)	3355509
4/9/2018	Capacity Auction (O)	Buy	70	-\$84.00	\$ (5,880.00)	3355509
4/9/2018	Capacity Auction (O)	Buy	55	-\$26.50	\$ (1,457.50)	3416638
4/9/2018	Capacity Auction (O)	Sale	173	\$120.00	\$ 20,760.00	3297201
4/10/2018	Capacity Auction (O)	Sale	173	\$120.00	\$ 20,760.00	3297201
4/10/2018	Capacity Auction (O)	Buy	70	-\$84.00	\$ (5,880.00)	3355509
4/10/2018	Capacity Auction (O)	Buy	55	-\$26.50	\$ (1,457.50)	3416638

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Sum of Amount	Column Labels				
	2018	2022	2023	2024	Grand Total
Row Labels					
Capacity Auction (O)	\$ 2,026,798	\$ 1,537,235	\$ 1,300,148	\$ 153,040	\$ 5,017,220
Buy	\$ (1,107,963)				\$ (1,107,963)
Sale	\$ 3,134,760	\$ 1,537,235	\$ 1,300,148	\$ 153,040	\$ 6,125,183
Grand Total	\$ 2,026,798	\$ 1,537,235	\$ 1,300,148	\$ 153,040	\$ 5,017,220

\$ 5,017,220.04

Operating Day	Trade Type	Buy/Sale Ind	MWh	Price	Amount	Trade #
4/11/2018	Capacity Auction (O)	Sale	173	\$120.00	\$ 20,760.00	3297201
4/11/2018	Capacity Auction (O)	Buy	55	-\$26.50	\$ (1,457.50)	3416638
4/11/2018	Capacity Auction (O)	Buy	70	-\$84.00	\$ (5,880.00)	3355509
4/12/2018	Capacity Auction (O)	Buy	70	-\$84.00	\$ (5,880.00)	3355509
4/12/2018	Capacity Auction (O)	Sale	173	\$120.00	\$ 20,760.00	3297201
4/12/2018	Capacity Auction (O)	Buy	55	-\$26.50	\$ (1,457.50)	3416638
4/13/2018	Capacity Auction (O)	Sale	173	\$120.00	\$ 20,760.00	3297201
4/13/2018	Capacity Auction (O)	Buy	70	-\$84.00	\$ (5,880.00)	3355509
4/13/2018	Capacity Auction (O)	Buy	55	-\$26.50	\$ (1,457.50)	3416638
4/14/2018	Capacity Auction (O)	Sale	173	\$120.00	\$ 20,760.00	3297201
4/14/2018	Capacity Auction (O)	Buy	55	-\$26.50	\$ (1,457.50)	3416638
4/14/2018	Capacity Auction (O)	Buy	70	-\$84.00	\$ (5,880.00)	3355509
4/15/2018	Capacity Auction (O)	Buy	55	-\$26.50	\$ (1,457.50)	3416638
4/15/2018	Capacity Auction (O)	Sale	173	\$120.00	\$ 20,760.00	3297201
4/15/2018	Capacity Auction (O)	Buy	70	-\$84.00	\$ (5,880.00)	3355509
4/16/2018	Capacity Auction (O)	Buy	55	-\$26.50	\$ (1,457.50)	3416638
4/16/2018	Capacity Auction (O)	Sale	173	\$120.00	\$ 20,760.00	3297201
4/16/2018	Capacity Auction (O)	Buy	70	-\$84.00	\$ (5,880.00)	3355509
4/17/2018	Capacity Auction (O)	Buy	55	-\$26.50	\$ (1,457.50)	3416638
4/17/2018	Capacity Auction (O)	Sale	173	\$120.00	\$ 20,760.00	3297201
4/17/2018	Capacity Auction (O)	Buy	70	-\$84.00	\$ (5,880.00)	3355509
4/18/2018	Capacity Auction (O)	Buy	55	-\$26.50	\$ (1,457.50)	3416638
4/18/2018	Capacity Auction (O)	Sale	173	\$120.00	\$ 20,760.00	3297201
4/18/2018	Capacity Auction (O)	Buy	70	-\$84.00	\$ (5,880.00)	3355509
4/19/2018	Capacity Auction (O)	Buy	55	-\$26.50	\$ (1,457.50)	3416638
4/19/2018	Capacity Auction (O)	Sale	173	\$120.00	\$ 20,760.00	3297201
4/19/2018	Capacity Auction (O)	Buy	70	-\$84.00	\$ (5,880.00)	3355509
4/20/2018	Capacity Auction (O)	Buy	55	-\$26.50	\$ (1,457.50)	3416638
4/20/2018	Capacity Auction (O)	Sale	173	\$120.00	\$ 20,760.00	3297201
4/20/2018	Capacity Auction (O)	Buy	70	-\$84.00	\$ (5,880.00)	3355509
4/21/2018	Capacity Auction (O)	Buy	55	-\$26.50	\$ (1,457.50)	3416638
4/21/2018	Capacity Auction (O)	Sale	173	\$120.00	\$ 20,760.00	3297201
4/21/2018	Capacity Auction (O)	Buy	70	-\$84.00	\$ (5,880.00)	3355509
4/22/2018	Capacity Auction (O)	Buy	70	-\$84.00	\$ (5,880.00)	3355509
4/22/2018	Capacity Auction (O)	Sale	173	\$120.00	\$ 20,760.00	3297201
4/22/2018	Capacity Auction (O)	Buy	55	-\$26.50	\$ (1,457.50)	3416638
4/23/2018	Capacity Auction (O)	Buy	55	-\$26.50	\$ (1,457.50)	3416638
4/23/2018	Capacity Auction (O)	Sale	173	\$120.00	\$ 20,760.00	3297201
4/23/2018	Capacity Auction (O)	Buy	70	-\$84.00	\$ (5,880.00)	3355509
4/24/2018	Capacity Auction (O)	Buy	55	-\$26.50	\$ (1,457.50)	3416638
4/24/2018	Capacity Auction (O)	Sale	173	\$120.00	\$ 20,760.00	3297201
4/24/2018	Capacity Auction (O)	Buy	70	-\$84.00	\$ (5,880.00)	3355509
4/25/2018	Capacity Auction (O)	Sale	173	\$120.00	\$ 20,760.00	3297201
4/25/2018	Capacity Auction (O)	Buy	55	-\$26.50	\$ (1,457.50)	3416638
4/25/2018	Capacity Auction (O)	Buy	70	-\$84.00	\$ (5,880.00)	3355509
4/26/2018	Capacity Auction (O)	Buy	55	-\$26.50	\$ (1,457.50)	3416638
4/26/2018	Capacity Auction (O)	Sale	173	\$120.00	\$ 20,760.00	3297201
4/26/2018	Capacity Auction (O)	Buy	70	-\$84.00	\$ (5,880.00)	3355509
4/27/2018	Capacity Auction (O)	Buy	55	-\$26.50	\$ (1,457.50)	3416638
4/27/2018	Capacity Auction (O)	Buy	70	-\$84.00	\$ (5,880.00)	3355509
4/27/2018	Capacity Auction (O)	Sale	173	\$120.00	\$ 20,760.00	3297201
4/28/2018	Capacity Auction (O)	Buy	55	-\$26.50	\$ (1,457.50)	3416638
4/28/2018	Capacity Auction (O)	Sale	173	\$120.00	\$ 20,760.00	3297201
4/28/2018	Capacity Auction (O)	Buy	70	-\$84.00	\$ (5,880.00)	3355509
4/29/2018	Capacity Auction (O)	Buy	55	-\$26.50	\$ (1,457.50)	3416638
4/29/2018	Capacity Auction (O)	Sale	173	\$120.00	\$ 20,760.00	3297201
4/29/2018	Capacity Auction (O)	Buy	70	-\$84.00	\$ (5,880.00)	3355509
4/30/2018	Capacity Auction (O)	Buy	55	-\$26.50	\$ (1,457.50)	3416638
4/30/2018	Capacity Auction (O)	Sale	173	\$120.00	\$ 20,760.00	3297201
4/30/2018	Capacity Auction (O)	Buy	70	-\$84.00	\$ (5,880.00)	3355509

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Sum of Amount	Column Labels				
	2018	2022	2023	2024	Grand Total
Row Labels					
Capacity Auction (O)	\$ 2,026,798	\$ 1,537,235	\$ 1,300,148	\$ 153,040	\$ 5,017,220
Buy	\$ (1,107,963)				\$ (1,107,963)
Sale	\$ 3,134,760	\$ 1,537,235	\$ 1,300,148	\$ 153,040	\$ 6,125,183
Grand Total	\$ 2,026,798	\$ 1,537,235	\$ 1,300,148	\$ 153,040	\$ 5,017,220

\$ 5,017,220.04

Operating Day	Trade Type	Buy/Sale Ind	MWh	Price	Amount	Trade #
5/1/2018	Capacity Auction (O)	Buy	70	-\$84.00	\$ (5,880.00)	3355509
5/1/2018	Capacity Auction (O)	Buy	55	-\$26.50	\$ (1,457.50)	3416638
5/1/2018	Capacity Auction (O)	Sale	173	\$120.00	\$ 20,760.00	3297201
5/2/2018	Capacity Auction (O)	Buy	70	-\$84.00	\$ (5,880.00)	3355509
5/2/2018	Capacity Auction (O)	Sale	173	\$120.00	\$ 20,760.00	3297201
5/2/2018	Capacity Auction (O)	Buy	55	-\$26.50	\$ (1,457.50)	3416638
5/3/2018	Capacity Auction (O)	Buy	55	-\$26.50	\$ (1,457.50)	3416638
5/3/2018	Capacity Auction (O)	Buy	70	-\$84.00	\$ (5,880.00)	3355509
5/3/2018	Capacity Auction (O)	Sale	173	\$120.00	\$ 20,760.00	3297201
5/4/2018	Capacity Auction (O)	Buy	55	-\$26.50	\$ (1,457.50)	3416638
5/4/2018	Capacity Auction (O)	Buy	70	-\$84.00	\$ (5,880.00)	3355509
5/4/2018	Capacity Auction (O)	Sale	173	\$120.00	\$ 20,760.00	3297201
5/5/2018	Capacity Auction (O)	Sale	173	\$120.00	\$ 20,760.00	3297201
5/5/2018	Capacity Auction (O)	Buy	55	-\$26.50	\$ (1,457.50)	3416638
5/5/2018	Capacity Auction (O)	Buy	70	-\$84.00	\$ (5,880.00)	3355509
5/6/2018	Capacity Auction (O)	Buy	55	-\$26.50	\$ (1,457.50)	3416638
5/6/2018	Capacity Auction (O)	Buy	70	-\$84.00	\$ (5,880.00)	3355509
5/6/2018	Capacity Auction (O)	Sale	173	\$120.00	\$ 20,760.00	3297201
5/7/2018	Capacity Auction (O)	Buy	55	-\$26.50	\$ (1,457.50)	3416638
5/7/2018	Capacity Auction (O)	Buy	70	-\$84.00	\$ (5,880.00)	3355509
5/7/2018	Capacity Auction (O)	Sale	173	\$120.00	\$ 20,760.00	3297201
5/8/2018	Capacity Auction (O)	Buy	55	-\$26.50	\$ (1,457.50)	3416638
5/8/2018	Capacity Auction (O)	Buy	70	-\$84.00	\$ (5,880.00)	3355509
5/8/2018	Capacity Auction (O)	Sale	173	\$120.00	\$ 20,760.00	3297201
5/9/2018	Capacity Auction (O)	Buy	55	-\$26.50	\$ (1,457.50)	3416638
5/9/2018	Capacity Auction (O)	Buy	70	-\$84.00	\$ (5,880.00)	3355509
5/9/2018	Capacity Auction (O)	Sale	173	\$120.00	\$ 20,760.00	3297201
5/10/2018	Capacity Auction (O)	Buy	55	-\$26.50	\$ (1,457.50)	3416638
5/10/2018	Capacity Auction (O)	Buy	70	-\$84.00	\$ (5,880.00)	3355509
5/10/2018	Capacity Auction (O)	Sale	173	\$120.00	\$ 20,760.00	3297201
5/11/2018	Capacity Auction (O)	Buy	55	-\$26.50	\$ (1,457.50)	3416638
5/11/2018	Capacity Auction (O)	Buy	70	-\$84.00	\$ (5,880.00)	3355509
5/11/2018	Capacity Auction (O)	Sale	173	\$120.00	\$ 20,760.00	3297201
5/12/2018	Capacity Auction (O)	Buy	55	-\$26.50	\$ (1,457.50)	3416638
5/12/2018	Capacity Auction (O)	Buy	70	-\$84.00	\$ (5,880.00)	3355509
5/12/2018	Capacity Auction (O)	Sale	173	\$120.00	\$ 20,760.00	3297201
5/13/2018	Capacity Auction (O)	Buy	55	-\$26.50	\$ (1,457.50)	3416638
5/13/2018	Capacity Auction (O)	Buy	70	-\$84.00	\$ (5,880.00)	3355509
5/13/2018	Capacity Auction (O)	Sale	173	\$120.00	\$ 20,760.00	3297201
5/14/2018	Capacity Auction (O)	Buy	55	-\$26.50	\$ (1,457.50)	3416638
5/14/2018	Capacity Auction (O)	Buy	70	-\$84.00	\$ (5,880.00)	3355509
5/14/2018	Capacity Auction (O)	Sale	173	\$120.00	\$ 20,760.00	3297201
5/15/2018	Capacity Auction (O)	Buy	55	-\$26.50	\$ (1,457.50)	3416638
5/15/2018	Capacity Auction (O)	Buy	70	-\$84.00	\$ (5,880.00)	3355509
5/15/2018	Capacity Auction (O)	Sale	173	\$120.00	\$ 20,760.00	3297201
5/16/2018	Capacity Auction (O)	Buy	55	-\$26.50	\$ (1,457.50)	3416638
5/16/2018	Capacity Auction (O)	Buy	70	-\$84.00	\$ (5,880.00)	3355509
5/16/2018	Capacity Auction (O)	Sale	173	\$120.00	\$ 20,760.00	3297201
5/17/2018	Capacity Auction (O)	Buy	55	-\$26.50	\$ (1,457.50)	3416638
5/17/2018	Capacity Auction (O)	Buy	70	-\$84.00	\$ (5,880.00)	3355509
5/17/2018	Capacity Auction (O)	Sale	173	\$120.00	\$ 20,760.00	3297201
5/18/2018	Capacity Auction (O)	Buy	55	-\$26.50	\$ (1,457.50)	3416638
5/18/2018	Capacity Auction (O)	Buy	70	-\$84.00	\$ (5,880.00)	3355509
5/18/2018	Capacity Auction (O)	Sale	173	\$120.00	\$ 20,760.00	3297201
5/19/2018	Capacity Auction (O)	Buy	55	-\$26.50	\$ (1,457.50)	3416638
5/19/2018	Capacity Auction (O)	Buy	70	-\$84.00	\$ (5,880.00)	3355509
5/19/2018	Capacity Auction (O)	Sale	173	\$120.00	\$ 20,760.00	3297201
5/20/2018	Capacity Auction (O)	Buy	55	-\$26.50	\$ (1,457.50)	3416638
5/20/2018	Capacity Auction (O)	Buy	70	-\$84.00	\$ (5,880.00)	3355509
5/20/2018	Capacity Auction (O)	Sale	173	\$120.00	\$ 20,760.00	3297201

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Sum of Amount	Column Labels				
	2018	2022	2023	2024	Grand Total
Row Labels					
Capacity Auction (O)	\$ 2,026,798	\$ 1,537,235	\$ 1,300,148	\$ 153,040	\$ 5,017,220
Buy	\$ (1,107,963)				\$ (1,107,963)
Sale	\$ 3,134,760	\$ 1,537,235	\$ 1,300,148	\$ 153,040	\$ 6,125,183
Grand Total	\$ 2,026,798	\$ 1,537,235	\$ 1,300,148	\$ 153,040	\$ 5,017,220

\$ 5,017,220.04

Operating Day	Trade Type	Buy/Sale Ind	MWh	Price	Amount	Trade #
5/21/2018	Capacity Auction (O)	Buy	55	-\$26.50	\$ (1,457.50)	3416638
5/21/2018	Capacity Auction (O)	Buy	70	-\$84.00	\$ (5,880.00)	3355509
5/21/2018	Capacity Auction (O)	Sale	173	\$120.00	\$ 20,760.00	3297201
5/22/2018	Capacity Auction (O)	Buy	55	-\$26.50	\$ (1,457.50)	3416638
5/22/2018	Capacity Auction (O)	Buy	70	-\$84.00	\$ (5,880.00)	3355509
5/22/2018	Capacity Auction (O)	Sale	173	\$120.00	\$ 20,760.00	3297201
5/23/2018	Capacity Auction (O)	Buy	55	-\$26.50	\$ (1,457.50)	3416638
5/23/2018	Capacity Auction (O)	Buy	70	-\$84.00	\$ (5,880.00)	3355509
5/23/2018	Capacity Auction (O)	Sale	173	\$120.00	\$ 20,760.00	3297201
5/24/2018	Capacity Auction (O)	Buy	55	-\$26.50	\$ (1,457.50)	3416638
5/24/2018	Capacity Auction (O)	Buy	70	-\$84.00	\$ (5,880.00)	3355509
5/24/2018	Capacity Auction (O)	Sale	173	\$120.00	\$ 20,760.00	3297201
5/25/2018	Capacity Auction (O)	Buy	55	-\$26.50	\$ (1,457.50)	3416638
5/25/2018	Capacity Auction (O)	Buy	70	-\$84.00	\$ (5,880.00)	3355509
5/25/2018	Capacity Auction (O)	Sale	173	\$120.00	\$ 20,760.00	3297201
5/26/2018	Capacity Auction (O)	Buy	55	-\$26.50	\$ (1,457.50)	3416638
5/26/2018	Capacity Auction (O)	Buy	70	-\$84.00	\$ (5,880.00)	3355509
5/26/2018	Capacity Auction (O)	Sale	173	\$120.00	\$ 20,760.00	3297201
5/27/2018	Capacity Auction (O)	Buy	55	-\$26.50	\$ (1,457.50)	3416638
5/27/2018	Capacity Auction (O)	Buy	70	-\$84.00	\$ (5,880.00)	3355509
5/27/2018	Capacity Auction (O)	Sale	173	\$120.00	\$ 20,760.00	3297201
5/28/2018	Capacity Auction (O)	Buy	55	-\$26.50	\$ (1,457.50)	3416638
5/28/2018	Capacity Auction (O)	Sale	173	\$120.00	\$ 20,760.00	3297201
5/28/2018	Capacity Auction (O)	Buy	70	-\$84.00	\$ (5,880.00)	3355509
5/29/2018	Capacity Auction (O)	Buy	55	-\$26.50	\$ (1,457.50)	3416638
5/29/2018	Capacity Auction (O)	Sale	173	\$120.00	\$ 20,760.00	3297201
5/29/2018	Capacity Auction (O)	Buy	70	-\$84.00	\$ (5,880.00)	3355509
5/30/2018	Capacity Auction (O)	Buy	55	-\$26.50	\$ (1,457.50)	3416638
5/30/2018	Capacity Auction (O)	Sale	173	\$120.00	\$ 20,760.00	3297201
5/30/2018	Capacity Auction (O)	Buy	70	-\$84.00	\$ (5,880.00)	3355509
5/31/2018	Capacity Auction (O)	Buy	55	-\$26.50	\$ (1,457.50)	3416638
5/31/2018	Capacity Auction (O)	Sale	173	\$120.00	\$ 20,760.00	3297201
5/31/2018	Capacity Auction (O)	Buy	70	-\$84.00	\$ (5,880.00)	3355509
6/1/2022	Capacity Auction (O)	Sale	100.2	\$71.69	\$ 7,183.34	3842657
6/2/2022	Capacity Auction (O)	Sale	100.2	\$71.69	\$ 7,183.34	3842657
6/3/2022	Capacity Auction (O)	Sale	100.2	\$71.69	\$ 7,183.34	3842657
6/4/2022	Capacity Auction (O)	Sale	100.2	\$71.69	\$ 7,183.34	3842657
6/5/2022	Capacity Auction (O)	Sale	100.2	\$71.69	\$ 7,183.34	3842657
6/6/2022	Capacity Auction (O)	Sale	100.2	\$71.69	\$ 7,183.34	3842657
6/7/2022	Capacity Auction (O)	Sale	100.2	\$71.69	\$ 7,183.34	3842657
6/8/2022	Capacity Auction (O)	Sale	100.2	\$71.69	\$ 7,183.34	3842657
6/9/2022	Capacity Auction (O)	Sale	100.2	\$71.69	\$ 7,183.34	3842657
6/10/2022	Capacity Auction (O)	Sale	100.2	\$71.69	\$ 7,183.34	3842657
6/11/2022	Capacity Auction (O)	Sale	100.2	\$71.69	\$ 7,183.34	3842657
6/12/2022	Capacity Auction (O)	Sale	100.2	\$71.69	\$ 7,183.34	3842657
6/13/2022	Capacity Auction (O)	Sale	100.2	\$71.69	\$ 7,183.34	3842657
6/14/2022	Capacity Auction (O)	Sale	100.2	\$71.69	\$ 7,183.34	3842657
6/15/2022	Capacity Auction (O)	Sale	100.2	\$71.69	\$ 7,183.34	3842657
6/16/2022	Capacity Auction (O)	Sale	100.2	\$71.69	\$ 7,183.34	3842657
6/17/2022	Capacity Auction (O)	Sale	100.2	\$71.69	\$ 7,183.34	3842657
6/18/2022	Capacity Auction (O)	Sale	100.2	\$71.69	\$ 7,183.34	3842657
6/19/2022	Capacity Auction (O)	Sale	100.2	\$71.69	\$ 7,183.34	3842657
6/20/2022	Capacity Auction (O)	Sale	100.2	\$71.69	\$ 7,183.34	3842657
6/21/2022	Capacity Auction (O)	Sale	100.2	\$71.69	\$ 7,183.34	3842657
6/22/2022	Capacity Auction (O)	Sale	100.2	\$71.69	\$ 7,183.34	3842657
6/23/2022	Capacity Auction (O)	Sale	100.2	\$71.69	\$ 7,183.34	3842657
6/24/2022	Capacity Auction (O)	Sale	100.2	\$71.69	\$ 7,183.34	3842657
6/25/2022	Capacity Auction (O)	Sale	100.2	\$71.69	\$ 7,183.34	3842657
6/26/2022	Capacity Auction (O)	Sale	100.2	\$71.69	\$ 7,183.34	3842657
6/27/2022	Capacity Auction (O)	Sale	100.2	\$71.69	\$ 7,183.34	3842657

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Sum of Amount	Column Labels				
	2018	2022	2023	2024	Grand Total
Row Labels					
Capacity Auction (O)	\$ 2,026,798	\$ 1,537,235	\$ 1,300,148	\$ 153,040	\$ 5,017,220
Buy	\$ (1,107,963)				\$ (1,107,963)
Sale	\$ 3,134,760	\$ 1,537,235	\$ 1,300,148	\$ 153,040	\$ 6,125,183
Grand Total	\$ 2,026,798	\$ 1,537,235	\$ 1,300,148	\$ 153,040	\$ 5,017,220

\$ 5,017,220.04

Operating Day	Trade Type	Buy/Sale Ind	MWh	Price	Amount	Trade #
6/28/2022	Capacity Auction (O)	Sale	100.2	\$71.69	\$ 7,183.34	3842657
6/29/2022	Capacity Auction (O)	Sale	100.2	\$71.69	\$ 7,183.34	3842657
6/30/2022	Capacity Auction (O)	Sale	100.2	\$71.69	\$ 7,183.34	3842657
7/1/2022	Capacity Auction (O)	Sale	100.2	\$71.69	\$ 7,183.34	3842657
7/2/2022	Capacity Auction (O)	Sale	100.2	\$71.69	\$ 7,183.34	3842657
7/3/2022	Capacity Auction (O)	Sale	100.2	\$71.69	\$ 7,183.34	3842657
7/4/2022	Capacity Auction (O)	Sale	100.2	\$71.69	\$ 7,183.34	3842657
7/5/2022	Capacity Auction (O)	Sale	100.2	\$71.69	\$ 7,183.34	3842657
7/6/2022	Capacity Auction (O)	Sale	100.2	\$71.69	\$ 7,183.34	3842657
7/7/2022	Capacity Auction (O)	Sale	100.2	\$71.69	\$ 7,183.34	3842657
7/8/2022	Capacity Auction (O)	Sale	100.2	\$71.69	\$ 7,183.34	3842657
7/9/2022	Capacity Auction (O)	Sale	100.2	\$71.69	\$ 7,183.34	3842657
7/10/2022	Capacity Auction (O)	Sale	100.2	\$71.69	\$ 7,183.34	3842657
7/11/2022	Capacity Auction (O)	Sale	100.2	\$71.69	\$ 7,183.34	3842657
7/12/2022	Capacity Auction (O)	Sale	100.2	\$71.69	\$ 7,183.34	3842657
7/13/2022	Capacity Auction (O)	Sale	100.2	\$71.69	\$ 7,183.34	3842657
7/14/2022	Capacity Auction (O)	Sale	100.2	\$71.69	\$ 7,183.34	3842657
7/15/2022	Capacity Auction (O)	Sale	100.2	\$71.69	\$ 7,183.34	3842657
7/16/2022	Capacity Auction (O)	Sale	100.2	\$71.69	\$ 7,183.34	3842657
7/17/2022	Capacity Auction (O)	Sale	100.2	\$71.69	\$ 7,183.34	3842657
7/18/2022	Capacity Auction (O)	Sale	100.2	\$71.69	\$ 7,183.34	3842657
7/19/2022	Capacity Auction (O)	Sale	100.2	\$71.69	\$ 7,183.34	3842657
7/20/2022	Capacity Auction (O)	Sale	100.2	\$71.69	\$ 7,183.34	3842657
7/21/2022	Capacity Auction (O)	Sale	100.2	\$71.69	\$ 7,183.34	3842657
7/22/2022	Capacity Auction (O)	Sale	100.2	\$71.69	\$ 7,183.34	3842657
7/23/2022	Capacity Auction (O)	Sale	100.2	\$71.69	\$ 7,183.34	3842657
7/24/2022	Capacity Auction (O)	Sale	100.2	\$71.69	\$ 7,183.34	3842657
7/25/2022	Capacity Auction (O)	Sale	100.2	\$71.69	\$ 7,183.34	3842657
7/26/2022	Capacity Auction (O)	Sale	100.2	\$71.69	\$ 7,183.34	3842657
7/27/2022	Capacity Auction (O)	Sale	100.2	\$71.69	\$ 7,183.34	3842657
7/28/2022	Capacity Auction (O)	Sale	100.2	\$71.69	\$ 7,183.34	3842657
7/29/2022	Capacity Auction (O)	Sale	100.2	\$71.69	\$ 7,183.34	3842657
7/30/2022	Capacity Auction (O)	Sale	100.2	\$71.69	\$ 7,183.34	3842657
7/31/2022	Capacity Auction (O)	Sale	100.2	\$71.69	\$ 7,183.34	3842657
8/1/2022	Capacity Auction (O)	Sale	100.2	\$71.69	\$ 7,183.34	3842657
8/2/2022	Capacity Auction (O)	Sale	100.2	\$71.69	\$ 7,183.34	3842657
8/3/2022	Capacity Auction (O)	Sale	100.2	\$71.69	\$ 7,183.34	3842657
8/4/2022	Capacity Auction (O)	Sale	100.2	\$71.69	\$ 7,183.34	3842657
8/5/2022	Capacity Auction (O)	Sale	100.2	\$71.69	\$ 7,183.34	3842657
8/6/2022	Capacity Auction (O)	Sale	100.2	\$71.69	\$ 7,183.34	3842657
8/7/2022	Capacity Auction (O)	Sale	100.2	\$71.69	\$ 7,183.34	3842657
8/8/2022	Capacity Auction (O)	Sale	100.2	\$71.69	\$ 7,183.34	3842657
8/9/2022	Capacity Auction (O)	Sale	100.2	\$71.69	\$ 7,183.34	3842657
8/10/2022	Capacity Auction (O)	Sale	100.2	\$71.69	\$ 7,183.34	3842657
8/11/2022	Capacity Auction (O)	Sale	100.2	\$71.69	\$ 7,183.34	3842657
8/12/2022	Capacity Auction (O)	Sale	100.2	\$71.69	\$ 7,183.34	3842657
8/13/2022	Capacity Auction (O)	Sale	100.2	\$71.69	\$ 7,183.34	3842657
8/14/2022	Capacity Auction (O)	Sale	100.2	\$71.69	\$ 7,183.34	3842657
8/15/2022	Capacity Auction (O)	Sale	100.2	\$71.69	\$ 7,183.34	3842657
8/16/2022	Capacity Auction (O)	Sale	100.2	\$71.69	\$ 7,183.34	3842657
8/17/2022	Capacity Auction (O)	Sale	100.2	\$71.69	\$ 7,183.34	3842657
8/18/2022	Capacity Auction (O)	Sale	100.2	\$71.69	\$ 7,183.34	3842657
8/19/2022	Capacity Auction (O)	Sale	100.2	\$71.69	\$ 7,183.34	3842657
8/20/2022	Capacity Auction (O)	Sale	100.2	\$71.69	\$ 7,183.34	3842657
8/21/2022	Capacity Auction (O)	Sale	100.2	\$71.69	\$ 7,183.34	3842657
8/22/2022	Capacity Auction (O)	Sale	100.2	\$71.69	\$ 7,183.34	3842657
8/23/2022	Capacity Auction (O)	Sale	100.2	\$71.69	\$ 7,183.34	3842657
8/24/2022	Capacity Auction (O)	Sale	100.2	\$71.69	\$ 7,183.34	3842657
8/25/2022	Capacity Auction (O)	Sale	100.2	\$71.69	\$ 7,183.34	3842657
8/26/2022	Capacity Auction (O)	Sale	100.2	\$71.69	\$ 7,183.34	3842657

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Sum of Amount	Column Labels				
	2018	2022	2023	2024	Grand Total
Row Labels					
Capacity Auction (O)	\$ 2,026,798	\$ 1,537,235	\$ 1,300,148	\$ 153,040	\$ 5,017,220
Buy	\$ (1,107,963)				\$ (1,107,963)
Sale	\$ 3,134,760	\$ 1,537,235	\$ 1,300,148	\$ 153,040	\$ 6,125,183
Grand Total	\$ 2,026,798	\$ 1,537,235	\$ 1,300,148	\$ 153,040	\$ 5,017,220

\$ 5,017,220.04

Operating Day	Trade Type	Buy/Sale Ind	MWh	Price	Amount	Trade #
8/27/2022	Capacity Auction (O)	Sale	100.2	\$71.69	\$ 7,183.34	3842657
8/28/2022	Capacity Auction (O)	Sale	100.2	\$71.69	\$ 7,183.34	3842657
8/29/2022	Capacity Auction (O)	Sale	100.2	\$71.69	\$ 7,183.34	3842657
8/30/2022	Capacity Auction (O)	Sale	100.2	\$71.69	\$ 7,183.34	3842657
8/31/2022	Capacity Auction (O)	Sale	100.2	\$71.69	\$ 7,183.34	3842657
9/1/2022	Capacity Auction (O)	Sale	100.2	\$71.69	\$ 7,183.34	3842657
9/2/2022	Capacity Auction (O)	Sale	100.2	\$71.69	\$ 7,183.34	3842657
9/3/2022	Capacity Auction (O)	Sale	100.2	\$71.69	\$ 7,183.34	3842657
9/4/2022	Capacity Auction (O)	Sale	100.2	\$71.69	\$ 7,183.34	3842657
9/5/2022	Capacity Auction (O)	Sale	100.2	\$71.69	\$ 7,183.34	3842657
9/6/2022	Capacity Auction (O)	Sale	100.2	\$71.69	\$ 7,183.34	3842657
9/7/2022	Capacity Auction (O)	Sale	100.2	\$71.69	\$ 7,183.34	3842657
9/8/2022	Capacity Auction (O)	Sale	100.2	\$71.69	\$ 7,183.34	3842657
9/9/2022	Capacity Auction (O)	Sale	100.2	\$71.69	\$ 7,183.34	3842657
9/10/2022	Capacity Auction (O)	Sale	100.2	\$71.69	\$ 7,183.34	3842657
9/11/2022	Capacity Auction (O)	Sale	100.2	\$71.69	\$ 7,183.34	3842657
9/12/2022	Capacity Auction (O)	Sale	100.2	\$71.69	\$ 7,183.34	3842657
9/13/2022	Capacity Auction (O)	Sale	100.2	\$71.69	\$ 7,183.34	3842657
9/14/2022	Capacity Auction (O)	Sale	100.2	\$71.69	\$ 7,183.34	3842657
9/15/2022	Capacity Auction (O)	Sale	100.2	\$71.69	\$ 7,183.34	3842657
9/16/2022	Capacity Auction (O)	Sale	100.2	\$71.69	\$ 7,183.34	3842657
9/17/2022	Capacity Auction (O)	Sale	100.2	\$71.69	\$ 7,183.34	3842657
9/18/2022	Capacity Auction (O)	Sale	100.2	\$71.69	\$ 7,183.34	3842657
9/19/2022	Capacity Auction (O)	Sale	100.2	\$71.69	\$ 7,183.34	3842657
9/20/2022	Capacity Auction (O)	Sale	100.2	\$71.69	\$ 7,183.34	3842657
9/21/2022	Capacity Auction (O)	Sale	100.2	\$71.69	\$ 7,183.34	3842657
9/22/2022	Capacity Auction (O)	Sale	100.2	\$71.69	\$ 7,183.34	3842657
9/23/2022	Capacity Auction (O)	Sale	100.2	\$71.69	\$ 7,183.34	3842657
9/24/2022	Capacity Auction (O)	Sale	100.2	\$71.69	\$ 7,183.34	3842657
9/25/2022	Capacity Auction (O)	Sale	100.2	\$71.69	\$ 7,183.34	3842657
9/26/2022	Capacity Auction (O)	Sale	100.2	\$71.69	\$ 7,183.34	3842657
9/27/2022	Capacity Auction (O)	Sale	100.2	\$71.69	\$ 7,183.34	3842657
9/28/2022	Capacity Auction (O)	Sale	100.2	\$71.69	\$ 7,183.34	3842657
9/29/2022	Capacity Auction (O)	Sale	100.2	\$71.69	\$ 7,183.34	3842657
9/30/2022	Capacity Auction (O)	Sale	100.2	\$71.69	\$ 7,183.34	3842657
10/1/2022	Capacity Auction (O)	Sale	100.2	\$71.69	\$ 7,183.34	3842657
10/2/2022	Capacity Auction (O)	Sale	100.2	\$71.69	\$ 7,183.34	3842657
10/3/2022	Capacity Auction (O)	Sale	100.2	\$71.69	\$ 7,183.34	3842657
10/4/2022	Capacity Auction (O)	Sale	100.2	\$71.69	\$ 7,183.34	3842657
10/5/2022	Capacity Auction (O)	Sale	100.2	\$71.69	\$ 7,183.34	3842657
10/6/2022	Capacity Auction (O)	Sale	100.2	\$71.69	\$ 7,183.34	3842657
10/7/2022	Capacity Auction (O)	Sale	100.2	\$71.69	\$ 7,183.34	3842657
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10/9/2022	Capacity Auction (O)	Sale	100.2	\$71.69	\$ 7,183.34	3842657
10/10/2022	Capacity Auction (O)	Sale	100.2	\$71.69	\$ 7,183.34	3842657
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10/12/2022	Capacity Auction (O)	Sale	100.2	\$71.69	\$ 7,183.34	3842657
10/13/2022	Capacity Auction (O)	Sale	100.2	\$71.69	\$ 7,183.34	3842657
10/14/2022	Capacity Auction (O)	Sale	100.2	\$71.69	\$ 7,183.34	3842657
10/15/2022	Capacity Auction (O)	Sale	100.2	\$71.69	\$ 7,183.34	3842657
10/16/2022	Capacity Auction (O)	Sale	100.2	\$71.69	\$ 7,183.34	3842657
10/17/2022	Capacity Auction (O)	Sale	100.2	\$71.69	\$ 7,183.34	3842657
10/18/2022	Capacity Auction (O)	Sale	100.2	\$71.69	\$ 7,183.34	3842657
10/19/2022	Capacity Auction (O)	Sale	100.2	\$71.69	\$ 7,183.34	3842657
10/20/2022	Capacity Auction (O)	Sale	100.2	\$71.69	\$ 7,183.34	3842657
10/21/2022	Capacity Auction (O)	Sale	100.2	\$71.69	\$ 7,183.34	3842657
10/22/2022	Capacity Auction (O)	Sale	100.2	\$71.69	\$ 7,183.34	3842657
10/23/2022	Capacity Auction (O)	Sale	100.2	\$71.69	\$ 7,183.34	3842657
10/24/2022	Capacity Auction (O)	Sale	100.2	\$71.69	\$ 7,183.34	3842657
10/25/2022	Capacity Auction (O)	Sale	100.2	\$71.69	\$ 7,183.34	3842657

Duke Energy Kentucky
 KSES
 IRP Case No. 2024-00197
 Data Request Set No. 2.01

Sum of Amount	Column Labels				
	2018	2022	2023	2024	Grand Total
Row Labels					
Capacity Auction (O)	\$ 2,026,798	\$ 1,537,235	\$ 1,300,148	\$ 153,040	\$ 5,017,220
Buy	\$ (1,107,963)				\$ (1,107,963)
Sale	\$ 3,134,760	\$ 1,537,235	\$ 1,300,148	\$ 153,040	\$ 6,125,183
Grand Total	\$ 2,026,798	\$ 1,537,235	\$ 1,300,148	\$ 153,040	\$ 5,017,220

\$ 5,017,220.04

Operating Day	Trade Type	Buy/Sale Ind	MWh	Price	Amount	Trade #
10/26/2022	Capacity Auction (O)	Sale	100.2	\$71.69	\$ 7,183.34	3842657
10/27/2022	Capacity Auction (O)	Sale	100.2	\$71.69	\$ 7,183.34	3842657
10/28/2022	Capacity Auction (O)	Sale	100.2	\$71.69	\$ 7,183.34	3842657
10/29/2022	Capacity Auction (O)	Sale	100.2	\$71.69	\$ 7,183.34	3842657
10/30/2022	Capacity Auction (O)	Sale	100.2	\$71.69	\$ 7,183.34	3842657
10/31/2022	Capacity Auction (O)	Sale	100.2	\$71.69	\$ 7,183.34	3842657
11/1/2022	Capacity Auction (O)	Sale	100.2	\$71.69	\$ 7,183.34	3842657
11/2/2022	Capacity Auction (O)	Sale	100.2	\$71.69	\$ 7,183.34	3842657
11/3/2022	Capacity Auction (O)	Sale	100.2	\$71.69	\$ 7,183.34	3842657
11/4/2022	Capacity Auction (O)	Sale	100.2	\$71.69	\$ 7,183.34	3842657
11/5/2022	Capacity Auction (O)	Sale	100.2	\$71.69	\$ 7,183.34	3842657
11/6/2022	Capacity Auction (O)	Sale	100.2	\$71.69	\$ 7,183.34	3842657
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11/8/2022	Capacity Auction (O)	Sale	100.2	\$71.69	\$ 7,183.34	3842657
11/9/2022	Capacity Auction (O)	Sale	100.2	\$71.69	\$ 7,183.34	3842657
11/10/2022	Capacity Auction (O)	Sale	100.2	\$71.69	\$ 7,183.34	3842657
11/11/2022	Capacity Auction (O)	Sale	100.2	\$71.69	\$ 7,183.34	3842657
11/12/2022	Capacity Auction (O)	Sale	100.2	\$71.69	\$ 7,183.34	3842657
11/13/2022	Capacity Auction (O)	Sale	100.2	\$71.69	\$ 7,183.34	3842657
11/14/2022	Capacity Auction (O)	Sale	100.2	\$71.69	\$ 7,183.34	3842657
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11/21/2022	Capacity Auction (O)	Sale	100.2	\$71.69	\$ 7,183.34	3842657
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11/24/2022	Capacity Auction (O)	Sale	100.2	\$71.69	\$ 7,183.34	3842657
11/25/2022	Capacity Auction (O)	Sale	100.2	\$71.69	\$ 7,183.34	3842657
11/26/2022	Capacity Auction (O)	Sale	100.2	\$71.69	\$ 7,183.34	3842657
11/27/2022	Capacity Auction (O)	Sale	100.2	\$71.69	\$ 7,183.34	3842657
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11/30/2022	Capacity Auction (O)	Sale	100.2	\$71.69	\$ 7,183.34	3842657
12/1/2022	Capacity Auction (O)	Sale	100.2	\$71.69	\$ 7,183.34	3842657
12/2/2022	Capacity Auction (O)	Sale	100.2	\$71.69	\$ 7,183.34	3842657
12/3/2022	Capacity Auction (O)	Sale	100.2	\$71.69	\$ 7,183.34	3842657
12/4/2022	Capacity Auction (O)	Sale	100.2	\$71.69	\$ 7,183.34	3842657
12/5/2022	Capacity Auction (O)	Sale	100.2	\$71.69	\$ 7,183.34	3842657
12/6/2022	Capacity Auction (O)	Sale	100.2	\$71.69	\$ 7,183.34	3842657
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12/9/2022	Capacity Auction (O)	Sale	100.2	\$71.69	\$ 7,183.34	3842657
12/10/2022	Capacity Auction (O)	Sale	100.2	\$71.69	\$ 7,183.34	3842657
12/11/2022	Capacity Auction (O)	Sale	100.2	\$71.69	\$ 7,183.34	3842657
12/12/2022	Capacity Auction (O)	Sale	100.2	\$71.69	\$ 7,183.34	3842657
12/13/2022	Capacity Auction (O)	Sale	100.2	\$71.69	\$ 7,183.34	3842657
12/14/2022	Capacity Auction (O)	Sale	100.2	\$71.69	\$ 7,183.34	3842657
12/15/2022	Capacity Auction (O)	Sale	100.2	\$71.69	\$ 7,183.34	3842657
12/16/2022	Capacity Auction (O)	Sale	100.2	\$71.69	\$ 7,183.34	3842657
12/17/2022	Capacity Auction (O)	Sale	100.2	\$71.69	\$ 7,183.34	3842657
12/18/2022	Capacity Auction (O)	Sale	100.2	\$71.69	\$ 7,183.34	3842657
12/19/2022	Capacity Auction (O)	Sale	100.2	\$71.69	\$ 7,183.34	3842657
12/20/2022	Capacity Auction (O)	Sale	100.2	\$71.69	\$ 7,183.34	3842657
12/21/2022	Capacity Auction (O)	Sale	100.2	\$71.69	\$ 7,183.34	3842657
12/22/2022	Capacity Auction (O)	Sale	100.2	\$71.69	\$ 7,183.34	3842657
12/23/2022	Capacity Auction (O)	Sale	100.2	\$71.69	\$ 7,183.34	3842657
12/24/2022	Capacity Auction (O)	Sale	100.2	\$71.69	\$ 7,183.34	3842657

Duke Energy Kentucky
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Sum of Amount	Column Labels				
	2018	2022	2023	2024	Grand Total
Row Labels					
Capacity Auction (O)	\$ 2,026,798	\$ 1,537,235	\$ 1,300,148	\$ 153,040	\$ 5,017,220
Buy	\$ (1,107,963)				\$ (1,107,963)
Sale	\$ 3,134,760	\$ 1,537,235	\$ 1,300,148	\$ 153,040	\$ 6,125,183
Grand Total	\$ 2,026,798	\$ 1,537,235	\$ 1,300,148	\$ 153,040	\$ 5,017,220

\$ 5,017,220.04

Operating Day	Trade Type	Buy/Sale Ind	MWh	Price	Amount	Trade #
12/25/2022	Capacity Auction (O)	Sale	100.2	\$71.69	\$ 7,183.34	3842657
12/26/2022	Capacity Auction (O)	Sale	100.2	\$71.69	\$ 7,183.34	3842657
12/27/2022	Capacity Auction (O)	Sale	100.2	\$71.69	\$ 7,183.34	3842657
12/28/2022	Capacity Auction (O)	Sale	100.2	\$71.69	\$ 7,183.34	3842657
12/29/2022	Capacity Auction (O)	Sale	100.2	\$71.69	\$ 7,183.34	3842657
12/30/2022	Capacity Auction (O)	Sale	100.2	\$71.69	\$ 7,183.34	3842657
12/31/2022	Capacity Auction (O)	Sale	100.2	\$71.69	\$ 7,183.34	3842657
1/1/2023	Capacity Auction (O)	Sale	100.2	\$71.69	\$ 7,183.34	3842657
1/2/2023	Capacity Auction (O)	Sale	100.2	\$71.69	\$ 7,183.34	3842657
1/3/2023	Capacity Auction (O)	Sale	100.2	\$71.69	\$ 7,183.34	3842657
1/4/2023	Capacity Auction (O)	Sale	100.2	\$71.69	\$ 7,183.34	3842657
1/5/2023	Capacity Auction (O)	Sale	100.2	\$71.69	\$ 7,183.34	3842657
1/6/2023	Capacity Auction (O)	Sale	100.2	\$71.69	\$ 7,183.34	3842657
1/7/2023	Capacity Auction (O)	Sale	100.2	\$71.69	\$ 7,183.34	3842657
1/8/2023	Capacity Auction (O)	Sale	100.2	\$71.69	\$ 7,183.34	3842657
1/9/2023	Capacity Auction (O)	Sale	100.2	\$71.69	\$ 7,183.34	3842657
1/10/2023	Capacity Auction (O)	Sale	100.2	\$71.69	\$ 7,183.34	3842657
1/11/2023	Capacity Auction (O)	Sale	100.2	\$71.69	\$ 7,183.34	3842657
1/12/2023	Capacity Auction (O)	Sale	100.2	\$71.69	\$ 7,183.34	3842657
1/13/2023	Capacity Auction (O)	Sale	100.2	\$71.69	\$ 7,183.34	3842657
1/14/2023	Capacity Auction (O)	Sale	100.2	\$71.69	\$ 7,183.34	3842657
1/15/2023	Capacity Auction (O)	Sale	100.2	\$71.69	\$ 7,183.34	3842657
1/16/2023	Capacity Auction (O)	Sale	100.2	\$71.69	\$ 7,183.34	3842657
1/17/2023	Capacity Auction (O)	Sale	100.2	\$71.69	\$ 7,183.34	3842657
1/18/2023	Capacity Auction (O)	Sale	100.2	\$71.69	\$ 7,183.34	3842657
1/19/2023	Capacity Auction (O)	Sale	100.2	\$71.69	\$ 7,183.34	3842657
1/20/2023	Capacity Auction (O)	Sale	100.2	\$71.69	\$ 7,183.34	3842657
1/21/2023	Capacity Auction (O)	Sale	100.2	\$71.69	\$ 7,183.34	3842657
1/22/2023	Capacity Auction (O)	Sale	100.2	\$71.69	\$ 7,183.34	3842657
1/23/2023	Capacity Auction (O)	Sale	100.2	\$71.69	\$ 7,183.34	3842657
1/24/2023	Capacity Auction (O)	Sale	100.2	\$71.69	\$ 7,183.34	3842657
1/25/2023	Capacity Auction (O)	Sale	100.2	\$71.69	\$ 7,183.34	3842657
1/26/2023	Capacity Auction (O)	Sale	100.2	\$71.69	\$ 7,183.34	3842657
1/27/2023	Capacity Auction (O)	Sale	100.2	\$71.69	\$ 7,183.34	3842657
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1/29/2023	Capacity Auction (O)	Sale	100.2	\$71.69	\$ 7,183.34	3842657
1/30/2023	Capacity Auction (O)	Sale	100.2	\$71.69	\$ 7,183.34	3842657
1/31/2023	Capacity Auction (O)	Sale	100.2	\$71.69	\$ 7,183.34	3842657
2/1/2023	Capacity Auction (O)	Sale	100.2	\$71.69	\$ 7,183.34	3842657
2/2/2023	Capacity Auction (O)	Sale	100.2	\$71.69	\$ 7,183.34	3842657
2/3/2023	Capacity Auction (O)	Sale	100.2	\$71.69	\$ 7,183.34	3842657
2/4/2023	Capacity Auction (O)	Sale	100.2	\$71.69	\$ 7,183.34	3842657
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2/18/2023	Capacity Auction (O)	Sale	100.2	\$71.69	\$ 7,183.34	3842657
2/19/2023	Capacity Auction (O)	Sale	100.2	\$71.69	\$ 7,183.34	3842657
2/20/2023	Capacity Auction (O)	Sale	100.2	\$71.69	\$ 7,183.34	3842657
2/21/2023	Capacity Auction (O)	Sale	100.2	\$71.69	\$ 7,183.34	3842657
2/22/2023	Capacity Auction (O)	Sale	100.2	\$71.69	\$ 7,183.34	3842657

Duke Energy Kentucky
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Sum of Amount	Column Labels				
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Row Labels					
Capacity Auction (O)	\$ 2,026,798	\$ 1,537,235	\$ 1,300,148	\$ 153,040	\$ 5,017,220
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Sale	\$ 3,134,760	\$ 1,537,235	\$ 1,300,148	\$ 153,040	\$ 6,125,183
Grand Total	\$ 2,026,798	\$ 1,537,235	\$ 1,300,148	\$ 153,040	\$ 5,017,220

\$ 5,017,220.04

Operating Day	Trade Type	Buy/Sale Ind	MWh	Price	Amount	Trade #
2/23/2023	Capacity Auction (O)	Sale	100.2	\$71.69	\$ 7,183.34	3842657
2/24/2023	Capacity Auction (O)	Sale	100.2	\$71.69	\$ 7,183.34	3842657
2/25/2023	Capacity Auction (O)	Sale	100.2	\$71.69	\$ 7,183.34	3842657
2/26/2023	Capacity Auction (O)	Sale	100.2	\$71.69	\$ 7,183.34	3842657
2/27/2023	Capacity Auction (O)	Sale	100.2	\$71.69	\$ 7,183.34	3842657
2/28/2023	Capacity Auction (O)	Sale	100.2	\$71.69	\$ 7,183.34	3842657
3/1/2023	Capacity Auction (O)	Sale	100.2	\$71.69	\$ 7,183.34	3842657
3/2/2023	Capacity Auction (O)	Sale	100.2	\$71.69	\$ 7,183.34	3842657
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3/8/2023	Capacity Auction (O)	Sale	100.2	\$71.69	\$ 7,183.34	3842657
3/9/2023	Capacity Auction (O)	Sale	100.2	\$71.69	\$ 7,183.34	3842657
3/10/2023	Capacity Auction (O)	Sale	100.2	\$71.69	\$ 7,183.34	3842657
3/11/2023	Capacity Auction (O)	Sale	100.2	\$71.69	\$ 7,183.34	3842657
3/12/2023	Capacity Auction (O)	Sale	100.2	\$71.69	\$ 7,183.34	3842657
3/13/2023	Capacity Auction (O)	Sale	100.2	\$71.69	\$ 7,183.34	3842657
3/14/2023	Capacity Auction (O)	Sale	100.2	\$71.69	\$ 7,183.34	3842657
3/15/2023	Capacity Auction (O)	Sale	100.2	\$71.69	\$ 7,183.34	3842657
3/16/2023	Capacity Auction (O)	Sale	100.2	\$71.69	\$ 7,183.34	3842657
3/17/2023	Capacity Auction (O)	Sale	100.2	\$71.69	\$ 7,183.34	3842657
3/18/2023	Capacity Auction (O)	Sale	100.2	\$71.69	\$ 7,183.34	3842657
3/19/2023	Capacity Auction (O)	Sale	100.2	\$71.69	\$ 7,183.34	3842657
3/20/2023	Capacity Auction (O)	Sale	100.2	\$71.69	\$ 7,183.34	3842657
3/21/2023	Capacity Auction (O)	Sale	100.2	\$71.69	\$ 7,183.34	3842657
3/22/2023	Capacity Auction (O)	Sale	100.2	\$71.69	\$ 7,183.34	3842657
3/23/2023	Capacity Auction (O)	Sale	100.2	\$71.69	\$ 7,183.34	3842657
3/24/2023	Capacity Auction (O)	Sale	100.2	\$71.69	\$ 7,183.34	3842657
3/25/2023	Capacity Auction (O)	Sale	100.2	\$71.69	\$ 7,183.34	3842657
3/26/2023	Capacity Auction (O)	Sale	100.2	\$71.69	\$ 7,183.34	3842657
3/27/2023	Capacity Auction (O)	Sale	100.2	\$71.69	\$ 7,183.34	3842657
3/28/2023	Capacity Auction (O)	Sale	100.2	\$71.69	\$ 7,183.34	3842657
3/29/2023	Capacity Auction (O)	Sale	100.2	\$71.69	\$ 7,183.34	3842657
3/30/2023	Capacity Auction (O)	Sale	100.2	\$71.69	\$ 7,183.34	3842657
3/31/2023	Capacity Auction (O)	Sale	100.2	\$71.69	\$ 7,183.34	3842657
4/1/2023	Capacity Auction (O)	Sale	100.2	\$71.69	\$ 7,183.34	3842657
4/2/2023	Capacity Auction (O)	Sale	100.2	\$71.69	\$ 7,183.34	3842657
4/3/2023	Capacity Auction (O)	Sale	100.2	\$71.69	\$ 7,183.34	3842657
4/4/2023	Capacity Auction (O)	Sale	100.2	\$71.69	\$ 7,183.34	3842657
4/5/2023	Capacity Auction (O)	Sale	100.2	\$71.69	\$ 7,183.34	3842657
4/6/2023	Capacity Auction (O)	Sale	100.2	\$71.69	\$ 7,183.34	3842657
4/7/2023	Capacity Auction (O)	Sale	100.2	\$71.69	\$ 7,183.34	3842657
4/8/2023	Capacity Auction (O)	Sale	100.2	\$71.69	\$ 7,183.34	3842657
4/9/2023	Capacity Auction (O)	Sale	100.2	\$71.69	\$ 7,183.34	3842657
4/10/2023	Capacity Auction (O)	Sale	100.2	\$71.69	\$ 7,183.34	3842657
4/11/2023	Capacity Auction (O)	Sale	100.2	\$71.69	\$ 7,183.34	3842657
4/12/2023	Capacity Auction (O)	Sale	100.2	\$71.69	\$ 7,183.34	3842657
4/13/2023	Capacity Auction (O)	Sale	100.2	\$71.69	\$ 7,183.34	3842657
4/14/2023	Capacity Auction (O)	Sale	100.2	\$71.69	\$ 7,183.34	3842657
4/15/2023	Capacity Auction (O)	Sale	100.2	\$71.69	\$ 7,183.34	3842657
4/16/2023	Capacity Auction (O)	Sale	100.2	\$71.69	\$ 7,183.34	3842657
4/17/2023	Capacity Auction (O)	Sale	100.2	\$71.69	\$ 7,183.34	3842657
4/18/2023	Capacity Auction (O)	Sale	100.2	\$71.69	\$ 7,183.34	3842657
4/19/2023	Capacity Auction (O)	Sale	100.2	\$71.69	\$ 7,183.34	3842657
4/20/2023	Capacity Auction (O)	Sale	100.2	\$71.69	\$ 7,183.34	3842657
4/21/2023	Capacity Auction (O)	Sale	100.2	\$71.69	\$ 7,183.34	3842657
4/22/2023	Capacity Auction (O)	Sale	100.2	\$71.69	\$ 7,183.34	3842657
4/23/2023	Capacity Auction (O)	Sale	100.2	\$71.69	\$ 7,183.34	3842657

Duke Energy Kentucky
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Sum of Amount	Column Labels				
	2018	2022	2023	2024	Grand Total
Row Labels					
Capacity Auction (O)	\$ 2,026,798	\$ 1,537,235	\$ 1,300,148	\$ 153,040	\$ 5,017,220
Buy	\$ (1,107,963)				\$ (1,107,963)
Sale	\$ 3,134,760	\$ 1,537,235	\$ 1,300,148	\$ 153,040	\$ 6,125,183
Grand Total	\$ 2,026,798	\$ 1,537,235	\$ 1,300,148	\$ 153,040	\$ 5,017,220

\$ 5,017,220.04

Operating Day	Trade Type	Buy/Sale Ind	MWh	Price	Amount	Trade #
4/24/2023	Capacity Auction (O)	Sale	100.2	\$71.69	\$ 7,183.34	3842657
4/25/2023	Capacity Auction (O)	Sale	100.2	\$71.69	\$ 7,183.34	3842657
4/26/2023	Capacity Auction (O)	Sale	100.2	\$71.69	\$ 7,183.34	3842657
4/27/2023	Capacity Auction (O)	Sale	100.2	\$71.69	\$ 7,183.34	3842657
4/28/2023	Capacity Auction (O)	Sale	100.2	\$71.69	\$ 7,183.34	3842657
4/29/2023	Capacity Auction (O)	Sale	100.2	\$71.69	\$ 7,183.34	3842657
4/30/2023	Capacity Auction (O)	Sale	100.2	\$71.69	\$ 7,183.34	3842657
5/1/2023	Capacity Auction (O)	Sale	100.2	\$71.69	\$ 7,183.34	3842657
5/2/2023	Capacity Auction (O)	Sale	100.2	\$71.69	\$ 7,183.34	3842657
5/3/2023	Capacity Auction (O)	Sale	100.2	\$71.69	\$ 7,183.34	3842657
5/4/2023	Capacity Auction (O)	Sale	100.2	\$71.69	\$ 7,183.34	3842657
5/5/2023	Capacity Auction (O)	Sale	100.2	\$71.69	\$ 7,183.34	3842657
5/6/2023	Capacity Auction (O)	Sale	100.2	\$71.69	\$ 7,183.34	3842657
5/7/2023	Capacity Auction (O)	Sale	100.2	\$71.69	\$ 7,183.34	3842657
5/8/2023	Capacity Auction (O)	Sale	100.2	\$71.69	\$ 7,183.34	3842657
5/9/2023	Capacity Auction (O)	Sale	100.2	\$71.69	\$ 7,183.34	3842657
5/10/2023	Capacity Auction (O)	Sale	100.2	\$71.69	\$ 7,183.34	3842657
5/11/2023	Capacity Auction (O)	Sale	100.2	\$71.69	\$ 7,183.34	3842657
5/12/2023	Capacity Auction (O)	Sale	100.2	\$71.69	\$ 7,183.34	3842657
5/13/2023	Capacity Auction (O)	Sale	100.2	\$71.69	\$ 7,183.34	3842657
5/14/2023	Capacity Auction (O)	Sale	100.2	\$71.69	\$ 7,183.34	3842657
5/15/2023	Capacity Auction (O)	Sale	100.2	\$71.69	\$ 7,183.34	3842657
5/16/2023	Capacity Auction (O)	Sale	100.2	\$71.69	\$ 7,183.34	3842657
5/17/2023	Capacity Auction (O)	Sale	100.2	\$71.69	\$ 7,183.34	3842657
5/18/2023	Capacity Auction (O)	Sale	100.2	\$71.69	\$ 7,183.34	3842657
5/19/2023	Capacity Auction (O)	Sale	100.2	\$71.69	\$ 7,183.34	3842657
5/20/2023	Capacity Auction (O)	Sale	100.2	\$71.69	\$ 7,183.34	3842657
5/21/2023	Capacity Auction (O)	Sale	100.2	\$71.69	\$ 7,183.34	3842657
5/22/2023	Capacity Auction (O)	Sale	100.2	\$71.69	\$ 7,183.34	3842657
5/23/2023	Capacity Auction (O)	Sale	100.2	\$71.69	\$ 7,183.34	3842657
5/24/2023	Capacity Auction (O)	Sale	100.2	\$71.69	\$ 7,183.34	3842657
5/25/2023	Capacity Auction (O)	Sale	100.2	\$71.69	\$ 7,183.34	3842657
5/26/2023	Capacity Auction (O)	Sale	100.2	\$71.69	\$ 7,183.34	3842657
5/27/2023	Capacity Auction (O)	Sale	100.2	\$71.69	\$ 7,183.34	3842657
5/28/2023	Capacity Auction (O)	Sale	100.2	\$71.69	\$ 7,183.34	3842657
5/29/2023	Capacity Auction (O)	Sale	100.2	\$71.69	\$ 7,183.34	3842657
5/30/2023	Capacity Auction (O)	Sale	100.2	\$71.69	\$ 7,183.34	3842657
5/31/2023	Capacity Auction (O)	Sale	100.2	\$71.69	\$ 7,183.34	3842657
6/1/2023	Capacity Auction (O)	Sale	29.5	\$34.13	\$ 1,006.84	3944732
6/2/2023	Capacity Auction (O)	Sale	29.5	\$34.13	\$ 1,006.84	3944732
6/3/2023	Capacity Auction (O)	Sale	29.5	\$34.13	\$ 1,006.84	3944732
6/4/2023	Capacity Auction (O)	Sale	29.5	\$34.13	\$ 1,006.84	3944732
6/5/2023	Capacity Auction (O)	Sale	29.5	\$34.13	\$ 1,006.84	3944732
6/6/2023	Capacity Auction (O)	Sale	29.5	\$34.13	\$ 1,006.84	3944732
6/7/2023	Capacity Auction (O)	Sale	29.5	\$34.13	\$ 1,006.84	3944732
6/8/2023	Capacity Auction (O)	Sale	29.5	\$34.13	\$ 1,006.84	3944732
6/9/2023	Capacity Auction (O)	Sale	29.5	\$34.13	\$ 1,006.84	3944732
6/10/2023	Capacity Auction (O)	Sale	29.5	\$34.13	\$ 1,006.84	3944732
6/11/2023	Capacity Auction (O)	Sale	29.5	\$34.13	\$ 1,006.84	3944732
6/12/2023	Capacity Auction (O)	Sale	29.5	\$34.13	\$ 1,006.84	3944732
6/13/2023	Capacity Auction (O)	Sale	29.5	\$34.13	\$ 1,006.84	3944732
6/14/2023	Capacity Auction (O)	Sale	29.5	\$34.13	\$ 1,006.84	3944732
6/15/2023	Capacity Auction (O)	Sale	29.5	\$34.13	\$ 1,006.84	3944732
6/16/2023	Capacity Auction (O)	Sale	29.5	\$34.13	\$ 1,006.84	3944732
6/17/2023	Capacity Auction (O)	Sale	29.5	\$34.13	\$ 1,006.84	3944732
6/18/2023	Capacity Auction (O)	Sale	29.5	\$34.13	\$ 1,006.84	3944732
6/19/2023	Capacity Auction (O)	Sale	29.5	\$34.13	\$ 1,006.84	3944732
6/20/2023	Capacity Auction (O)	Sale	29.5	\$34.13	\$ 1,006.84	3944732
6/21/2023	Capacity Auction (O)	Sale	29.5	\$34.13	\$ 1,006.84	3944732
6/22/2023	Capacity Auction (O)	Sale	29.5	\$34.13	\$ 1,006.84	3944732

Duke Energy Kentucky
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Sum of Amount	Column Labels				
	2018	2022	2023	2024	Grand Total
Row Labels					
Capacity Auction (O)	\$ 2,026,798	\$ 1,537,235	\$ 1,300,148	\$ 153,040	\$ 5,017,220
Buy	\$ (1,107,963)				\$ (1,107,963)
Sale	\$ 3,134,760	\$ 1,537,235	\$ 1,300,148	\$ 153,040	\$ 6,125,183
Grand Total	\$ 2,026,798	\$ 1,537,235	\$ 1,300,148	\$ 153,040	\$ 5,017,220

\$ 5,017,220.04

Operating Day	Trade Type	Buy/Sale Ind	MWh	Price	Amount	Trade #
6/23/2023	Capacity Auction (O)	Sale	29.5	\$34.13	\$ 1,006.84	3944732
6/24/2023	Capacity Auction (O)	Sale	29.5	\$34.13	\$ 1,006.84	3944732
6/25/2023	Capacity Auction (O)	Sale	29.5	\$34.13	\$ 1,006.84	3944732
6/26/2023	Capacity Auction (O)	Sale	29.5	\$34.13	\$ 1,006.84	3944732
6/27/2023	Capacity Auction (O)	Sale	29.5	\$34.13	\$ 1,006.84	3944732
6/28/2023	Capacity Auction (O)	Sale	29.5	\$34.13	\$ 1,006.84	3944732
6/29/2023	Capacity Auction (O)	Sale	29.5	\$34.13	\$ 1,006.84	3944732
6/30/2023	Capacity Auction (O)	Sale	29.5	\$34.13	\$ 1,006.84	3944732
7/1/2023	Capacity Auction (O)	Sale	29.5	\$34.13	\$ 1,006.84	3944732
7/2/2023	Capacity Auction (O)	Sale	29.5	\$34.13	\$ 1,006.84	3944732
7/3/2023	Capacity Auction (O)	Sale	29.5	\$34.13	\$ 1,006.84	3944732
7/4/2023	Capacity Auction (O)	Sale	29.5	\$34.13	\$ 1,006.84	3944732
7/5/2023	Capacity Auction (O)	Sale	29.5	\$34.13	\$ 1,006.84	3944732
7/6/2023	Capacity Auction (O)	Sale	29.5	\$34.13	\$ 1,006.84	3944732
7/7/2023	Capacity Auction (O)	Sale	29.5	\$34.13	\$ 1,006.84	3944732
7/8/2023	Capacity Auction (O)	Sale	29.5	\$34.13	\$ 1,006.84	3944732
7/9/2023	Capacity Auction (O)	Sale	29.5	\$34.13	\$ 1,006.84	3944732
7/10/2023	Capacity Auction (O)	Sale	29.5	\$34.13	\$ 1,006.84	3944732
7/11/2023	Capacity Auction (O)	Sale	29.5	\$34.13	\$ 1,006.84	3944732
7/12/2023	Capacity Auction (O)	Sale	29.5	\$34.13	\$ 1,006.84	3944732
7/13/2023	Capacity Auction (O)	Sale	29.5	\$34.13	\$ 1,006.84	3944732
7/14/2023	Capacity Auction (O)	Sale	29.5	\$34.13	\$ 1,006.84	3944732
7/15/2023	Capacity Auction (O)	Sale	29.5	\$34.13	\$ 1,006.84	3944732
7/16/2023	Capacity Auction (O)	Sale	29.5	\$34.13	\$ 1,006.84	3944732
7/17/2023	Capacity Auction (O)	Sale	29.5	\$34.13	\$ 1,006.84	3944732
7/18/2023	Capacity Auction (O)	Sale	29.5	\$34.13	\$ 1,006.84	3944732
7/19/2023	Capacity Auction (O)	Sale	29.5	\$34.13	\$ 1,006.84	3944732
7/20/2023	Capacity Auction (O)	Sale	29.5	\$34.13	\$ 1,006.84	3944732
7/21/2023	Capacity Auction (O)	Sale	29.5	\$34.13	\$ 1,006.84	3944732
7/22/2023	Capacity Auction (O)	Sale	29.5	\$34.13	\$ 1,006.84	3944732
7/23/2023	Capacity Auction (O)	Sale	29.5	\$34.13	\$ 1,006.84	3944732
7/24/2023	Capacity Auction (O)	Sale	29.5	\$34.13	\$ 1,006.84	3944732
7/25/2023	Capacity Auction (O)	Sale	29.5	\$34.13	\$ 1,006.84	3944732
7/26/2023	Capacity Auction (O)	Sale	29.5	\$34.13	\$ 1,006.84	3944732
7/27/2023	Capacity Auction (O)	Sale	29.5	\$34.13	\$ 1,006.84	3944732
7/28/2023	Capacity Auction (O)	Sale	29.5	\$34.13	\$ 1,006.84	3944732
7/29/2023	Capacity Auction (O)	Sale	29.5	\$34.13	\$ 1,006.84	3944732
7/30/2023	Capacity Auction (O)	Sale	29.5	\$34.13	\$ 1,006.84	3944732
7/31/2023	Capacity Auction (O)	Sale	29.5	\$34.13	\$ 1,006.84	3944732
8/1/2023	Capacity Auction (O)	Sale	29.5	\$34.13	\$ 1,006.84	3944732
8/2/2023	Capacity Auction (O)	Sale	29.5	\$34.13	\$ 1,006.84	3944732
8/3/2023	Capacity Auction (O)	Sale	29.5	\$34.13	\$ 1,006.84	3944732
8/4/2023	Capacity Auction (O)	Sale	29.5	\$34.13	\$ 1,006.84	3944732
8/5/2023	Capacity Auction (O)	Sale	29.5	\$34.13	\$ 1,006.84	3944732
8/6/2023	Capacity Auction (O)	Sale	29.5	\$34.13	\$ 1,006.84	3944732
8/7/2023	Capacity Auction (O)	Sale	29.5	\$34.13	\$ 1,006.84	3944732
8/8/2023	Capacity Auction (O)	Sale	29.5	\$34.13	\$ 1,006.84	3944732
8/9/2023	Capacity Auction (O)	Sale	29.5	\$34.13	\$ 1,006.84	3944732
8/10/2023	Capacity Auction (O)	Sale	29.5	\$34.13	\$ 1,006.84	3944732
8/11/2023	Capacity Auction (O)	Sale	29.5	\$34.13	\$ 1,006.84	3944732
8/12/2023	Capacity Auction (O)	Sale	29.5	\$34.13	\$ 1,006.84	3944732
8/13/2023	Capacity Auction (O)	Sale	29.5	\$34.13	\$ 1,006.84	3944732
8/14/2023	Capacity Auction (O)	Sale	29.5	\$34.13	\$ 1,006.84	3944732
8/15/2023	Capacity Auction (O)	Sale	29.5	\$34.13	\$ 1,006.84	3944732
8/16/2023	Capacity Auction (O)	Sale	29.5	\$34.13	\$ 1,006.84	3944732
8/17/2023	Capacity Auction (O)	Sale	29.5	\$34.13	\$ 1,006.84	3944732
8/18/2023	Capacity Auction (O)	Sale	29.5	\$34.13	\$ 1,006.84	3944732
8/19/2023	Capacity Auction (O)	Sale	29.5	\$34.13	\$ 1,006.84	3944732
8/20/2023	Capacity Auction (O)	Sale	29.5	\$34.13	\$ 1,006.84	3944732
8/21/2023	Capacity Auction (O)	Sale	29.5	\$34.13	\$ 1,006.84	3944732

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Sum of Amount	Column Labels				
	2018	2022	2023	2024	Grand Total
Row Labels					
Capacity Auction (O)	\$ 2,026,798	\$ 1,537,235	\$ 1,300,148	\$ 153,040	\$ 5,017,220
Buy	\$ (1,107,963)				\$ (1,107,963)
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Grand Total	\$ 2,026,798	\$ 1,537,235	\$ 1,300,148	\$ 153,040	\$ 5,017,220

\$ 5,017,220.04

Operating Day	Trade Type	Buy/Sale Ind	MWh	Price	Amount	Trade #
8/22/2023	Capacity Auction (O)	Sale	29.5	\$34.13	\$ 1,006.84	3944732
8/23/2023	Capacity Auction (O)	Sale	29.5	\$34.13	\$ 1,006.84	3944732
8/24/2023	Capacity Auction (O)	Sale	29.5	\$34.13	\$ 1,006.84	3944732
8/25/2023	Capacity Auction (O)	Sale	29.5	\$34.13	\$ 1,006.84	3944732
8/26/2023	Capacity Auction (O)	Sale	29.5	\$34.13	\$ 1,006.84	3944732
8/27/2023	Capacity Auction (O)	Sale	29.5	\$34.13	\$ 1,006.84	3944732
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8/29/2023	Capacity Auction (O)	Sale	29.5	\$34.13	\$ 1,006.84	3944732
8/30/2023	Capacity Auction (O)	Sale	29.5	\$34.13	\$ 1,006.84	3944732
8/31/2023	Capacity Auction (O)	Sale	29.5	\$34.13	\$ 1,006.84	3944732
9/1/2023	Capacity Auction (O)	Sale	29.5	\$34.13	\$ 1,006.84	3944732
9/2/2023	Capacity Auction (O)	Sale	29.5	\$34.13	\$ 1,006.84	3944732
9/3/2023	Capacity Auction (O)	Sale	29.5	\$34.13	\$ 1,006.84	3944732
9/4/2023	Capacity Auction (O)	Sale	29.5	\$34.13	\$ 1,006.84	3944732
9/5/2023	Capacity Auction (O)	Sale	29.5	\$34.13	\$ 1,006.84	3944732
9/6/2023	Capacity Auction (O)	Sale	29.5	\$34.13	\$ 1,006.84	3944732
9/7/2023	Capacity Auction (O)	Sale	29.5	\$34.13	\$ 1,006.84	3944732
9/8/2023	Capacity Auction (O)	Sale	29.5	\$34.13	\$ 1,006.84	3944732
9/9/2023	Capacity Auction (O)	Sale	29.5	\$34.13	\$ 1,006.84	3944732
9/10/2023	Capacity Auction (O)	Sale	29.5	\$34.13	\$ 1,006.84	3944732
9/11/2023	Capacity Auction (O)	Sale	29.5	\$34.13	\$ 1,006.84	3944732
9/12/2023	Capacity Auction (O)	Sale	29.5	\$34.13	\$ 1,006.84	3944732
9/13/2023	Capacity Auction (O)	Sale	29.5	\$34.13	\$ 1,006.84	3944732
9/14/2023	Capacity Auction (O)	Sale	29.5	\$34.13	\$ 1,006.84	3944732
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9/18/2023	Capacity Auction (O)	Sale	29.5	\$34.13	\$ 1,006.84	3944732
9/19/2023	Capacity Auction (O)	Sale	29.5	\$34.13	\$ 1,006.84	3944732
9/20/2023	Capacity Auction (O)	Sale	29.5	\$34.13	\$ 1,006.84	3944732
9/21/2023	Capacity Auction (O)	Sale	29.5	\$34.13	\$ 1,006.84	3944732
9/22/2023	Capacity Auction (O)	Sale	29.5	\$34.13	\$ 1,006.84	3944732
9/23/2023	Capacity Auction (O)	Sale	29.5	\$34.13	\$ 1,006.84	3944732
9/24/2023	Capacity Auction (O)	Sale	29.5	\$34.13	\$ 1,006.84	3944732
9/25/2023	Capacity Auction (O)	Sale	29.5	\$34.13	\$ 1,006.84	3944732
9/26/2023	Capacity Auction (O)	Sale	29.5	\$34.13	\$ 1,006.84	3944732
9/27/2023	Capacity Auction (O)	Sale	29.5	\$34.13	\$ 1,006.84	3944732
9/28/2023	Capacity Auction (O)	Sale	29.5	\$34.13	\$ 1,006.84	3944732
9/29/2023	Capacity Auction (O)	Sale	29.5	\$34.13	\$ 1,006.84	3944732
9/30/2023	Capacity Auction (O)	Sale	29.5	\$34.13	\$ 1,006.84	3944732
10/1/2023	Capacity Auction (O)	Sale	29.5	\$34.13	\$ 1,006.84	3944732
10/2/2023	Capacity Auction (O)	Sale	29.5	\$34.13	\$ 1,006.84	3944732
10/3/2023	Capacity Auction (O)	Sale	29.5	\$34.13	\$ 1,006.84	3944732
10/4/2023	Capacity Auction (O)	Sale	29.5	\$34.13	\$ 1,006.84	3944732
10/5/2023	Capacity Auction (O)	Sale	29.5	\$34.13	\$ 1,006.84	3944732
10/6/2023	Capacity Auction (O)	Sale	29.5	\$34.13	\$ 1,006.84	3944732
10/7/2023	Capacity Auction (O)	Sale	29.5	\$34.13	\$ 1,006.84	3944732
10/8/2023	Capacity Auction (O)	Sale	29.5	\$34.13	\$ 1,006.84	3944732
10/9/2023	Capacity Auction (O)	Sale	29.5	\$34.13	\$ 1,006.84	3944732
10/10/2023	Capacity Auction (O)	Sale	29.5	\$34.13	\$ 1,006.84	3944732
10/11/2023	Capacity Auction (O)	Sale	29.5	\$34.13	\$ 1,006.84	3944732
10/12/2023	Capacity Auction (O)	Sale	29.5	\$34.13	\$ 1,006.84	3944732
10/13/2023	Capacity Auction (O)	Sale	29.5	\$34.13	\$ 1,006.84	3944732
10/14/2023	Capacity Auction (O)	Sale	29.5	\$34.13	\$ 1,006.84	3944732
10/15/2023	Capacity Auction (O)	Sale	29.5	\$34.13	\$ 1,006.84	3944732
10/16/2023	Capacity Auction (O)	Sale	29.5	\$34.13	\$ 1,006.84	3944732
10/17/2023	Capacity Auction (O)	Sale	29.5	\$34.13	\$ 1,006.84	3944732
10/18/2023	Capacity Auction (O)	Sale	29.5	\$34.13	\$ 1,006.84	3944732
10/19/2023	Capacity Auction (O)	Sale	29.5	\$34.13	\$ 1,006.84	3944732
10/20/2023	Capacity Auction (O)	Sale	29.5	\$34.13	\$ 1,006.84	3944732

Duke Energy Kentucky
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Sum of Amount	Column Labels				
	2018	2022	2023	2024	Grand Total
Row Labels					
Capacity Auction (O)	\$ 2,026,798	\$ 1,537,235	\$ 1,300,148	\$ 153,040	\$ 5,017,220
Buy	\$ (1,107,963)				\$ (1,107,963)
Sale	\$ 3,134,760	\$ 1,537,235	\$ 1,300,148	\$ 153,040	\$ 6,125,183
Grand Total	\$ 2,026,798	\$ 1,537,235	\$ 1,300,148	\$ 153,040	\$ 5,017,220

\$ 5,017,220.04

Operating Day	Trade Type	Buy/Sale Ind	MWh	Price	Amount	Trade #
10/21/2023	Capacity Auction (O)	Sale	29.5	\$34.13	\$ 1,006.84	3944732
10/22/2023	Capacity Auction (O)	Sale	29.5	\$34.13	\$ 1,006.84	3944732
10/23/2023	Capacity Auction (O)	Sale	29.5	\$34.13	\$ 1,006.84	3944732
10/24/2023	Capacity Auction (O)	Sale	29.5	\$34.13	\$ 1,006.84	3944732
10/25/2023	Capacity Auction (O)	Sale	29.5	\$34.13	\$ 1,006.84	3944732
10/26/2023	Capacity Auction (O)	Sale	29.5	\$34.13	\$ 1,006.84	3944732
10/27/2023	Capacity Auction (O)	Sale	29.5	\$34.13	\$ 1,006.84	3944732
10/28/2023	Capacity Auction (O)	Sale	29.5	\$34.13	\$ 1,006.84	3944732
10/29/2023	Capacity Auction (O)	Sale	29.5	\$34.13	\$ 1,006.84	3944732
10/30/2023	Capacity Auction (O)	Sale	29.5	\$34.13	\$ 1,006.84	3944732
10/31/2023	Capacity Auction (O)	Sale	29.5	\$34.13	\$ 1,006.84	3944732
11/1/2023	Capacity Auction (O)	Sale	29.5	\$34.13	\$ 1,006.84	3944732
11/2/2023	Capacity Auction (O)	Sale	29.5	\$34.13	\$ 1,006.84	3944732
11/3/2023	Capacity Auction (O)	Sale	29.5	\$34.13	\$ 1,006.84	3944732
11/4/2023	Capacity Auction (O)	Sale	29.5	\$34.13	\$ 1,006.84	3944732
11/5/2023	Capacity Auction (O)	Sale	29.5	\$34.13	\$ 1,006.84	3944732
11/6/2023	Capacity Auction (O)	Sale	29.5	\$34.13	\$ 1,006.84	3944732
11/7/2023	Capacity Auction (O)	Sale	29.5	\$34.13	\$ 1,006.84	3944732
11/8/2023	Capacity Auction (O)	Sale	29.5	\$34.13	\$ 1,006.84	3944732
11/9/2023	Capacity Auction (O)	Sale	29.5	\$34.13	\$ 1,006.84	3944732
11/10/2023	Capacity Auction (O)	Sale	29.5	\$34.13	\$ 1,006.84	3944732
11/11/2023	Capacity Auction (O)	Sale	29.5	\$34.13	\$ 1,006.84	3944732
11/12/2023	Capacity Auction (O)	Sale	29.5	\$34.13	\$ 1,006.84	3944732
11/13/2023	Capacity Auction (O)	Sale	29.5	\$34.13	\$ 1,006.84	3944732
11/14/2023	Capacity Auction (O)	Sale	29.5	\$34.13	\$ 1,006.84	3944732
11/15/2023	Capacity Auction (O)	Sale	29.5	\$34.13	\$ 1,006.84	3944732
11/16/2023	Capacity Auction (O)	Sale	29.5	\$34.13	\$ 1,006.84	3944732
11/17/2023	Capacity Auction (O)	Sale	29.5	\$34.13	\$ 1,006.84	3944732
11/18/2023	Capacity Auction (O)	Sale	29.5	\$34.13	\$ 1,006.84	3944732
11/19/2023	Capacity Auction (O)	Sale	29.5	\$34.13	\$ 1,006.84	3944732
11/20/2023	Capacity Auction (O)	Sale	29.5	\$34.13	\$ 1,006.84	3944732
11/21/2023	Capacity Auction (O)	Sale	29.5	\$34.13	\$ 1,006.84	3944732
11/22/2023	Capacity Auction (O)	Sale	29.5	\$34.13	\$ 1,006.84	3944732
11/23/2023	Capacity Auction (O)	Sale	29.5	\$34.13	\$ 1,006.84	3944732
11/24/2023	Capacity Auction (O)	Sale	29.5	\$34.13	\$ 1,006.84	3944732
11/25/2023	Capacity Auction (O)	Sale	29.5	\$34.13	\$ 1,006.84	3944732
11/26/2023	Capacity Auction (O)	Sale	29.5	\$34.13	\$ 1,006.84	3944732
11/27/2023	Capacity Auction (O)	Sale	29.5	\$34.13	\$ 1,006.84	3944732
11/28/2023	Capacity Auction (O)	Sale	29.5	\$34.13	\$ 1,006.84	3944732
11/29/2023	Capacity Auction (O)	Sale	29.5	\$34.13	\$ 1,006.84	3944732
11/30/2023	Capacity Auction (O)	Sale	29.5	\$34.13	\$ 1,006.84	3944732
12/1/2023	Capacity Auction (O)	Sale	29.5	\$34.13	\$ 1,006.84	3944732
12/2/2023	Capacity Auction (O)	Sale	29.5	\$34.13	\$ 1,006.84	3944732
12/3/2023	Capacity Auction (O)	Sale	29.5	\$34.13	\$ 1,006.84	3944732
12/4/2023	Capacity Auction (O)	Sale	29.5	\$34.13	\$ 1,006.84	3944732
12/5/2023	Capacity Auction (O)	Sale	29.5	\$34.13	\$ 1,006.84	3944732
12/6/2023	Capacity Auction (O)	Sale	29.5	\$34.13	\$ 1,006.84	3944732
12/7/2023	Capacity Auction (O)	Sale	29.5	\$34.13	\$ 1,006.84	3944732
12/8/2023	Capacity Auction (O)	Sale	29.5	\$34.13	\$ 1,006.84	3944732
12/9/2023	Capacity Auction (O)	Sale	29.5	\$34.13	\$ 1,006.84	3944732
12/10/2023	Capacity Auction (O)	Sale	29.5	\$34.13	\$ 1,006.84	3944732
12/11/2023	Capacity Auction (O)	Sale	29.5	\$34.13	\$ 1,006.84	3944732
12/12/2023	Capacity Auction (O)	Sale	29.5	\$34.13	\$ 1,006.84	3944732
12/13/2023	Capacity Auction (O)	Sale	29.5	\$34.13	\$ 1,006.84	3944732
12/14/2023	Capacity Auction (O)	Sale	29.5	\$34.13	\$ 1,006.84	3944732
12/15/2023	Capacity Auction (O)	Sale	29.5	\$34.13	\$ 1,006.84	3944732
12/16/2023	Capacity Auction (O)	Sale	29.5	\$34.13	\$ 1,006.84	3944732
12/17/2023	Capacity Auction (O)	Sale	29.5	\$34.13	\$ 1,006.84	3944732
12/18/2023	Capacity Auction (O)	Sale	29.5	\$34.13	\$ 1,006.84	3944732
12/19/2023	Capacity Auction (O)	Sale	29.5	\$34.13	\$ 1,006.84	3944732

Duke Energy Kentucky
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Sum of Amount	Column Labels				
	2018	2022	2023	2024	Grand Total
Row Labels					
Capacity Auction (O)	\$ 2,026,798	\$ 1,537,235	\$ 1,300,148	\$ 153,040	\$ 5,017,220
Buy	\$ (1,107,963)				\$ (1,107,963)
Sale	\$ 3,134,760	\$ 1,537,235	\$ 1,300,148	\$ 153,040	\$ 6,125,183
Grand Total	\$ 2,026,798	\$ 1,537,235	\$ 1,300,148	\$ 153,040	\$ 5,017,220

\$ 5,017,220.04

Operating Day	Trade Type	Buy/Sale Ind	MWh	Price	Amount	Trade #
12/20/2023	Capacity Auction (O)	Sale	29.5	\$34.13	\$ 1,006.84	3944732
12/21/2023	Capacity Auction (O)	Sale	29.5	\$34.13	\$ 1,006.84	3944732
12/22/2023	Capacity Auction (O)	Sale	29.5	\$34.13	\$ 1,006.84	3944732
12/23/2023	Capacity Auction (O)	Sale	29.5	\$34.13	\$ 1,006.84	3944732
12/24/2023	Capacity Auction (O)	Sale	29.5	\$34.13	\$ 1,006.84	3944732
12/25/2023	Capacity Auction (O)	Sale	29.5	\$34.13	\$ 1,006.84	3944732
12/26/2023	Capacity Auction (O)	Sale	29.5	\$34.13	\$ 1,006.84	3944732
12/27/2023	Capacity Auction (O)	Sale	29.5	\$34.13	\$ 1,006.84	3944732
12/28/2023	Capacity Auction (O)	Sale	29.5	\$34.13	\$ 1,006.84	3944732
12/29/2023	Capacity Auction (O)	Sale	29.5	\$34.13	\$ 1,006.84	3944732
12/30/2023	Capacity Auction (O)	Sale	29.5	\$34.13	\$ 1,006.84	3944732
12/31/2023	Capacity Auction (O)	Sale	29.5	\$34.13	\$ 1,006.84	3944732
1/1/2024	Capacity Auction (O)	Sale	29.5	\$34.13	\$ 1,006.84	3944732
1/2/2024	Capacity Auction (O)	Sale	29.5	\$34.13	\$ 1,006.84	3944732
1/3/2024	Capacity Auction (O)	Sale	29.5	\$34.13	\$ 1,006.84	3944732
1/4/2024	Capacity Auction (O)	Sale	29.5	\$34.13	\$ 1,006.84	3944732
1/5/2024	Capacity Auction (O)	Sale	29.5	\$34.13	\$ 1,006.84	3944732
1/6/2024	Capacity Auction (O)	Sale	29.5	\$34.13	\$ 1,006.84	3944732
1/7/2024	Capacity Auction (O)	Sale	29.5	\$34.13	\$ 1,006.84	3944732
1/8/2024	Capacity Auction (O)	Sale	29.5	\$34.13	\$ 1,006.84	3944732
1/9/2024	Capacity Auction (O)	Sale	29.5	\$34.13	\$ 1,006.84	3944732
1/10/2024	Capacity Auction (O)	Sale	29.5	\$34.13	\$ 1,006.84	3944732
1/11/2024	Capacity Auction (O)	Sale	29.5	\$34.13	\$ 1,006.84	3944732
1/12/2024	Capacity Auction (O)	Sale	29.5	\$34.13	\$ 1,006.84	3944732
1/13/2024	Capacity Auction (O)	Sale	29.5	\$34.13	\$ 1,006.84	3944732
1/14/2024	Capacity Auction (O)	Sale	29.5	\$34.13	\$ 1,006.84	3944732
1/15/2024	Capacity Auction (O)	Sale	29.5	\$34.13	\$ 1,006.84	3944732
1/16/2024	Capacity Auction (O)	Sale	29.5	\$34.13	\$ 1,006.84	3944732
1/17/2024	Capacity Auction (O)	Sale	29.5	\$34.13	\$ 1,006.84	3944732
1/18/2024	Capacity Auction (O)	Sale	29.5	\$34.13	\$ 1,006.84	3944732
1/19/2024	Capacity Auction (O)	Sale	29.5	\$34.13	\$ 1,006.84	3944732
1/20/2024	Capacity Auction (O)	Sale	29.5	\$34.13	\$ 1,006.84	3944732
1/21/2024	Capacity Auction (O)	Sale	29.5	\$34.13	\$ 1,006.84	3944732
1/22/2024	Capacity Auction (O)	Sale	29.5	\$34.13	\$ 1,006.84	3944732
1/23/2024	Capacity Auction (O)	Sale	29.5	\$34.13	\$ 1,006.84	3944732
1/24/2024	Capacity Auction (O)	Sale	29.5	\$34.13	\$ 1,006.84	3944732
1/25/2024	Capacity Auction (O)	Sale	29.5	\$34.13	\$ 1,006.84	3944732
1/26/2024	Capacity Auction (O)	Sale	29.5	\$34.13	\$ 1,006.84	3944732
1/27/2024	Capacity Auction (O)	Sale	29.5	\$34.13	\$ 1,006.84	3944732
1/28/2024	Capacity Auction (O)	Sale	29.5	\$34.13	\$ 1,006.84	3944732
1/29/2024	Capacity Auction (O)	Sale	29.5	\$34.13	\$ 1,006.84	3944732
1/30/2024	Capacity Auction (O)	Sale	29.5	\$34.13	\$ 1,006.84	3944732
1/31/2024	Capacity Auction (O)	Sale	29.5	\$34.13	\$ 1,006.84	3944732
2/1/2024	Capacity Auction (O)	Sale	29.5	\$34.13	\$ 1,006.84	3944732
2/2/2024	Capacity Auction (O)	Sale	29.5	\$34.13	\$ 1,006.84	3944732
2/3/2024	Capacity Auction (O)	Sale	29.5	\$34.13	\$ 1,006.84	3944732
2/4/2024	Capacity Auction (O)	Sale	29.5	\$34.13	\$ 1,006.84	3944732
2/5/2024	Capacity Auction (O)	Sale	29.5	\$34.13	\$ 1,006.84	3944732
2/6/2024	Capacity Auction (O)	Sale	29.5	\$34.13	\$ 1,006.84	3944732
2/7/2024	Capacity Auction (O)	Sale	29.5	\$34.13	\$ 1,006.84	3944732
2/8/2024	Capacity Auction (O)	Sale	29.5	\$34.13	\$ 1,006.84	3944732
2/9/2024	Capacity Auction (O)	Sale	29.5	\$34.13	\$ 1,006.84	3944732
2/10/2024	Capacity Auction (O)	Sale	29.5	\$34.13	\$ 1,006.84	3944732
2/11/2024	Capacity Auction (O)	Sale	29.5	\$34.13	\$ 1,006.84	3944732
2/12/2024	Capacity Auction (O)	Sale	29.5	\$34.13	\$ 1,006.84	3944732
2/13/2024	Capacity Auction (O)	Sale	29.5	\$34.13	\$ 1,006.84	3944732
2/14/2024	Capacity Auction (O)	Sale	29.5	\$34.13	\$ 1,006.84	3944732
2/15/2024	Capacity Auction (O)	Sale	29.5	\$34.13	\$ 1,006.84	3944732
2/16/2024	Capacity Auction (O)	Sale	29.5	\$34.13	\$ 1,006.84	3944732
2/17/2024	Capacity Auction (O)	Sale	29.5	\$34.13	\$ 1,006.84	3944732

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Sum of Amount	Column Labels				
	2018	2022	2023	2024	Grand Total
Row Labels					
Capacity Auction (O)	\$ 2,026,798	\$ 1,537,235	\$ 1,300,148	\$ 153,040	\$ 5,017,220
Buy	\$ (1,107,963)				\$ (1,107,963)
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Grand Total	\$ 2,026,798	\$ 1,537,235	\$ 1,300,148	\$ 153,040	\$ 5,017,220

\$ 5,017,220.04

Operating Day	Trade Type	Buy/Sale Ind	MWh	Price	Amount	Trade #
2/18/2024	Capacity Auction (O)	Sale	29.5	\$34.13	\$ 1,006.84	3944732
2/19/2024	Capacity Auction (O)	Sale	29.5	\$34.13	\$ 1,006.84	3944732
2/20/2024	Capacity Auction (O)	Sale	29.5	\$34.13	\$ 1,006.84	3944732
2/21/2024	Capacity Auction (O)	Sale	29.5	\$34.13	\$ 1,006.84	3944732
2/22/2024	Capacity Auction (O)	Sale	29.5	\$34.13	\$ 1,006.84	3944732
2/23/2024	Capacity Auction (O)	Sale	29.5	\$34.13	\$ 1,006.84	3944732
2/24/2024	Capacity Auction (O)	Sale	29.5	\$34.13	\$ 1,006.84	3944732
2/25/2024	Capacity Auction (O)	Sale	29.5	\$34.13	\$ 1,006.84	3944732
2/26/2024	Capacity Auction (O)	Sale	29.5	\$34.13	\$ 1,006.84	3944732
2/27/2024	Capacity Auction (O)	Sale	29.5	\$34.13	\$ 1,006.84	3944732
2/28/2024	Capacity Auction (O)	Sale	29.5	\$34.13	\$ 1,006.84	3944732
2/29/2024	Capacity Auction (O)	Sale	29.5	\$34.13	\$ 1,006.84	3944732
3/1/2024	Capacity Auction (O)	Sale	29.5	\$34.13	\$ 1,006.84	3944732
3/2/2024	Capacity Auction (O)	Sale	29.5	\$34.13	\$ 1,006.84	3944732
3/3/2024	Capacity Auction (O)	Sale	29.5	\$34.13	\$ 1,006.84	3944732
3/4/2024	Capacity Auction (O)	Sale	29.5	\$34.13	\$ 1,006.84	3944732
3/5/2024	Capacity Auction (O)	Sale	29.5	\$34.13	\$ 1,006.84	3944732
3/6/2024	Capacity Auction (O)	Sale	29.5	\$34.13	\$ 1,006.84	3944732
3/7/2024	Capacity Auction (O)	Sale	29.5	\$34.13	\$ 1,006.84	3944732
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3/9/2024	Capacity Auction (O)	Sale	29.5	\$34.13	\$ 1,006.84	3944732
3/10/2024	Capacity Auction (O)	Sale	29.5	\$34.13	\$ 1,006.84	3944732
3/11/2024	Capacity Auction (O)	Sale	29.5	\$34.13	\$ 1,006.84	3944732
3/12/2024	Capacity Auction (O)	Sale	29.5	\$34.13	\$ 1,006.84	3944732
3/13/2024	Capacity Auction (O)	Sale	29.5	\$34.13	\$ 1,006.84	3944732
3/14/2024	Capacity Auction (O)	Sale	29.5	\$34.13	\$ 1,006.84	3944732
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3/18/2024	Capacity Auction (O)	Sale	29.5	\$34.13	\$ 1,006.84	3944732
3/19/2024	Capacity Auction (O)	Sale	29.5	\$34.13	\$ 1,006.84	3944732
3/20/2024	Capacity Auction (O)	Sale	29.5	\$34.13	\$ 1,006.84	3944732
3/21/2024	Capacity Auction (O)	Sale	29.5	\$34.13	\$ 1,006.84	3944732
3/22/2024	Capacity Auction (O)	Sale	29.5	\$34.13	\$ 1,006.84	3944732
3/23/2024	Capacity Auction (O)	Sale	29.5	\$34.13	\$ 1,006.84	3944732
3/24/2024	Capacity Auction (O)	Sale	29.5	\$34.13	\$ 1,006.84	3944732
3/25/2024	Capacity Auction (O)	Sale	29.5	\$34.13	\$ 1,006.84	3944732
3/26/2024	Capacity Auction (O)	Sale	29.5	\$34.13	\$ 1,006.84	3944732
3/27/2024	Capacity Auction (O)	Sale	29.5	\$34.13	\$ 1,006.84	3944732
3/28/2024	Capacity Auction (O)	Sale	29.5	\$34.13	\$ 1,006.84	3944732
3/29/2024	Capacity Auction (O)	Sale	29.5	\$34.13	\$ 1,006.84	3944732
3/30/2024	Capacity Auction (O)	Sale	29.5	\$34.13	\$ 1,006.84	3944732
3/31/2024	Capacity Auction (O)	Sale	29.5	\$34.13	\$ 1,006.84	3944732
4/1/2024	Capacity Auction (O)	Sale	29.5	\$34.13	\$ 1,006.84	3944732
4/2/2024	Capacity Auction (O)	Sale	29.5	\$34.13	\$ 1,006.84	3944732
4/3/2024	Capacity Auction (O)	Sale	29.5	\$34.13	\$ 1,006.84	3944732
4/4/2024	Capacity Auction (O)	Sale	29.5	\$34.13	\$ 1,006.84	3944732
4/5/2024	Capacity Auction (O)	Sale	29.5	\$34.13	\$ 1,006.84	3944732
4/6/2024	Capacity Auction (O)	Sale	29.5	\$34.13	\$ 1,006.84	3944732
4/7/2024	Capacity Auction (O)	Sale	29.5	\$34.13	\$ 1,006.84	3944732
4/8/2024	Capacity Auction (O)	Sale	29.5	\$34.13	\$ 1,006.84	3944732
4/9/2024	Capacity Auction (O)	Sale	29.5	\$34.13	\$ 1,006.84	3944732
4/10/2024	Capacity Auction (O)	Sale	29.5	\$34.13	\$ 1,006.84	3944732
4/11/2024	Capacity Auction (O)	Sale	29.5	\$34.13	\$ 1,006.84	3944732
4/12/2024	Capacity Auction (O)	Sale	29.5	\$34.13	\$ 1,006.84	3944732
4/13/2024	Capacity Auction (O)	Sale	29.5	\$34.13	\$ 1,006.84	3944732
4/14/2024	Capacity Auction (O)	Sale	29.5	\$34.13	\$ 1,006.84	3944732
4/15/2024	Capacity Auction (O)	Sale	29.5	\$34.13	\$ 1,006.84	3944732
4/16/2024	Capacity Auction (O)	Sale	29.5	\$34.13	\$ 1,006.84	3944732
4/17/2024	Capacity Auction (O)	Sale	29.5	\$34.13	\$ 1,006.84	3944732

Duke Energy Kentucky
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Sum of Amount	Column Labels				
	2018	2022	2023	2024	Grand Total
Row Labels					
Capacity Auction (O)	\$ 2,026,798	\$ 1,537,235	\$ 1,300,148	\$ 153,040	\$ 5,017,220
Buy	\$ (1,107,963)				\$ (1,107,963)
Sale	\$ 3,134,760	\$ 1,537,235	\$ 1,300,148	\$ 153,040	\$ 6,125,183
Grand Total	\$ 2,026,798	\$ 1,537,235	\$ 1,300,148	\$ 153,040	\$ 5,017,220

\$ 5,017,220.04

Operating Day	Trade Type	Buy/Sale Ind	MWh	Price	Amount	Trade #
4/18/2024	Capacity Auction (O)	Sale	29.5	\$34.13	\$ 1,006.84	3944732
4/19/2024	Capacity Auction (O)	Sale	29.5	\$34.13	\$ 1,006.84	3944732
4/20/2024	Capacity Auction (O)	Sale	29.5	\$34.13	\$ 1,006.84	3944732
4/21/2024	Capacity Auction (O)	Sale	29.5	\$34.13	\$ 1,006.84	3944732
4/22/2024	Capacity Auction (O)	Sale	29.5	\$34.13	\$ 1,006.84	3944732
4/23/2024	Capacity Auction (O)	Sale	29.5	\$34.13	\$ 1,006.84	3944732
4/24/2024	Capacity Auction (O)	Sale	29.5	\$34.13	\$ 1,006.84	3944732
4/25/2024	Capacity Auction (O)	Sale	29.5	\$34.13	\$ 1,006.84	3944732
4/26/2024	Capacity Auction (O)	Sale	29.5	\$34.13	\$ 1,006.84	3944732
4/27/2024	Capacity Auction (O)	Sale	29.5	\$34.13	\$ 1,006.84	3944732
4/28/2024	Capacity Auction (O)	Sale	29.5	\$34.13	\$ 1,006.84	3944732
4/29/2024	Capacity Auction (O)	Sale	29.5	\$34.13	\$ 1,006.84	3944732
4/30/2024	Capacity Auction (O)	Sale	29.5	\$34.13	\$ 1,006.84	3944732
5/1/2024	Capacity Auction (O)	Sale	29.5	\$34.13	\$ 1,006.84	3944732
5/2/2024	Capacity Auction (O)	Sale	29.5	\$34.13	\$ 1,006.84	3944732
5/3/2024	Capacity Auction (O)	Sale	29.5	\$34.13	\$ 1,006.84	3944732
5/4/2024	Capacity Auction (O)	Sale	29.5	\$34.13	\$ 1,006.84	3944732
5/5/2024	Capacity Auction (O)	Sale	29.5	\$34.13	\$ 1,006.84	3944732
5/6/2024	Capacity Auction (O)	Sale	29.5	\$34.13	\$ 1,006.84	3944732
5/7/2024	Capacity Auction (O)	Sale	29.5	\$34.13	\$ 1,006.84	3944732
5/8/2024	Capacity Auction (O)	Sale	29.5	\$34.13	\$ 1,006.84	3944732
5/9/2024	Capacity Auction (O)	Sale	29.5	\$34.13	\$ 1,006.84	3944732
5/10/2024	Capacity Auction (O)	Sale	29.5	\$34.13	\$ 1,006.84	3944732
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5/12/2024	Capacity Auction (O)	Sale	29.5	\$34.13	\$ 1,006.84	3944732
5/13/2024	Capacity Auction (O)	Sale	29.5	\$34.13	\$ 1,006.84	3944732
5/14/2024	Capacity Auction (O)	Sale	29.5	\$34.13	\$ 1,006.84	3944732
5/15/2024	Capacity Auction (O)	Sale	29.5	\$34.13	\$ 1,006.84	3944732
5/16/2024	Capacity Auction (O)	Sale	29.5	\$34.13	\$ 1,006.84	3944732
5/17/2024	Capacity Auction (O)	Sale	29.5	\$34.13	\$ 1,006.84	3944732
5/18/2024	Capacity Auction (O)	Sale	29.5	\$34.13	\$ 1,006.84	3944732
5/19/2024	Capacity Auction (O)	Sale	29.5	\$34.13	\$ 1,006.84	3944732
5/20/2024	Capacity Auction (O)	Sale	29.5	\$34.13	\$ 1,006.84	3944732
5/21/2024	Capacity Auction (O)	Sale	29.5	\$34.13	\$ 1,006.84	3944732
5/22/2024	Capacity Auction (O)	Sale	29.5	\$34.13	\$ 1,006.84	3944732
5/23/2024	Capacity Auction (O)	Sale	29.5	\$34.13	\$ 1,006.84	3944732
5/24/2024	Capacity Auction (O)	Sale	29.5	\$34.13	\$ 1,006.84	3944732
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5/27/2024	Capacity Auction (O)	Sale	29.5	\$34.13	\$ 1,006.84	3944732
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5/29/2024	Capacity Auction (O)	Sale	29.5	\$34.13	\$ 1,006.84	3944732
5/30/2024	Capacity Auction (O)	Sale	29.5	\$34.13	\$ 1,006.84	3944732
5/31/2024	Capacity Auction (O)	Sale	29.5	\$34.13	\$ 1,006.84	3944732

Duke Energy Kentucky
KSES
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PJM Ancillary Services Revenue by Year

2018	\$	3,732,763
2019	\$	2,622,320
2020	\$	2,627,149
2021	\$	3,105,090
2022	\$	6,225,308
2023	\$	3,605,644
2024 YTD (thru July)	\$	2,606,862

NOTE: For PJM Billing Line Items (BLI) as ancillary services; BLI 2330, BLI 2340, BLI 2360, BLI 2361, BLI 2362, BLI 2365, BLI 2366, BLI 2367, BLI 2368, and BLI 2380

Company	Service	Classification	Usage	Count	Period	Avg/Cust
DEK	Electric	00-Residential	158,374,724	130,458	1/1/2021	1,214
DEK	Electric	00-Residential	155,348,105	130,458	2/1/2021	1,191
DEK	Electric	00-Residential	123,808,525	130,878	3/1/2021	946
DEK	Electric	00-Residential	94,759,253	130,440	4/1/2021	726
DEK	Electric	00-Residential	89,052,975	130,713	5/1/2021	681
DEK	Electric	00-Residential	120,468,707	130,474	6/1/2021	923
DEK	Electric	00-Residential	148,965,868	130,505	7/1/2021	1,141
DEK	Electric	00-Residential	150,485,922	130,930	8/1/2021	1,149
DEK	Electric	00-Residential	146,103,562	130,697	9/1/2021	1,118
DEK	Electric	00-Residential	104,878,128	131,144	10/1/2021	800
DEK	Electric	00-Residential	95,318,927	131,180	11/1/2021	727
DEK	Electric	00-Residential	128,920,579	130,983	12/1/2021	984
DEK	Electric	00-Residential	149,898,637	131,462	1/1/2022	1,140
DEK	Electric	00-Residential	150,870,718	132,073	2/1/2022	1,142
DEK	Electric	00-Residential	108,373,984	126,625	3/1/2022	856
DEK	Electric	00-Residential	100,917,703	134,353	4/1/2022	751
DEK	Electric	00-Residential	94,733,919	134,347	5/1/2022	705
DEK	Electric	00-Residential	127,810,507	134,510	6/1/2022	950
DEK	Electric	00-Residential	153,830,716	134,722	7/1/2022	1,142
DEK	Electric	00-Residential	158,403,512	134,794	8/1/2022	1,175
DEK	Electric	00-Residential	135,441,231	134,728	9/1/2022	1,005
DEK	Electric	00-Residential	89,188,421	135,106	10/1/2022	660
DEK	Electric	00-Residential	85,962,560	135,183	11/1/2022	636
DEK	Electric	00-Residential	133,909,513	135,292	12/1/2022	990
DEK	Electric	00-Residential	145,635,186	135,728	1/1/2023	1,073
DEK	Electric	00-Residential	121,697,284	135,787	2/1/2023	896
DEK	Electric	00-Residential	113,001,733	135,956	3/1/2023	831
DEK	Electric	00-Residential	98,350,058	135,890	4/1/2023	724
DEK	Electric	00-Residential	87,292,442	136,012	5/1/2023	642
DEK	Electric	00-Residential	117,624,660	136,342	6/1/2023	863
DEK	Electric	00-Residential	131,117,693	136,687	7/1/2023	959
DEK	Electric	00-Residential	153,229,121	137,007	8/1/2023	1,118
DEK	Electric	00-Residential	139,044,641	137,565	9/1/2023	1,011
DEK	Electric	00-Residential	97,403,366	137,719	10/1/2023	707
DEK	Electric	00-Residential	91,695,365	131,994	11/1/2023	695
DEK	Electric	00-Residential	117,655,906	138,258	12/1/2023	851
DEK	Electric	00-Residential	153,135,472	138,549	1/1/2024	1,105
DEK	Electric	00-Residential	138,506,611	138,715	2/1/2024	998
DEK	Electric	00-Residential	105,311,521	138,903	3/1/2024	758
DEK	Electric	00-Residential	96,012,051	139,369	4/1/2024	689
DEK	Electric	00-Residential	104,148,511	139,501	5/1/2024	747
DEK	Electric	00-Residential	122,138,649	139,381	6/1/2024	876
DEK	Electric	00-Residential	162,194,133	139,869	7/1/2024	1,160

Duke Energy Kentucky
Case No. 2024-00197
KSES Second Set Data Requests
Date Received: September 25, 2024

KSES-DR-02-002

REQUEST:

Please refer to the Company's response to JI 1-3, and answer the following requests.

- a. In response to subpart k, seeking projected energy revenues, the Company responded "N/A." Does the response mean to say that it does not have energy revenue projections for any of the modeled portfolios? Please clarify.
- b. In response to subpart l, seeking projected capacity revenues, the Company responded "N/A." Does the response mean to say that it does not have capacity revenue projections for any of the modeled portfolios? Please clarify.
- c. In response to subpart m, seeking projected ancillary services revenues, the Company responded "N/A." Does the response mean to say that it does not have ancillary services revenue projections for any of the modeled portfolios? Please clarify.
- d. Please provide the information provided in the Attachment accompanying the Company's response to JI 1-3 for each of the modeled portfolios presented in the Company's IRP.

RESPONSE:

- a. By "energy revenues," the Company takes the question to mean energy revenues achieved by selling into the PJM marketplace. The Company does not track this information at the unit level in the IRP. However, the Company does track energy revenues as sold into the PJM marketplace at the system level. Please refer to

SIERRA-DR-01-003 Confidential Supplemental Attachments 1 – 99 for this information.

- b. The Company does not calculate capacity revenues in the IRP.
- c. Ancillary revenues are calculated in the IRP, but East Bend and Woodsdale CTs did not receive ancillary revenues in the preferred portfolio. For each resource's ancillary revenues, please refer to SIERRA-DR-01-003 Confidential Supplemental Attachments 1 – 99.
- d. Please refer to SIERRA-DR-01-003 Confidential Supplemental Attachments 1 – 99 which provides the information for each modeled portfolio.

PERSON RESPONSIBLE: Matthew Kalemba

Duke Energy Kentucky
Case No. 2024-00197
KSES Second Set Data Requests
Date Received: September 25, 2024

PUBLIC KSES-DR-02-003

REQUEST:

Please refer to the Company's response to JI 1-4.b. & c., and answer the following questions:

- a. What interstate pipeline would the needed lateral be connected to?
- b. Approximately how long (miles) would the lateral need to be in order to connect with an interstate pipeline? To the extent there are different interconnection point and/or interstate pipeline options how long would each need to be?
- c. Please identify the "costs included in the IRP modeling" for the addition of a lateral connecting East Bend to an interstate pipeline, and produce the underlying "high-level budgetary estimate." If multiple cost estimates were used, please identify and explain how each cost estimate was used in the modeling.
- d. Please identify the "costs included in the IRP modeling" for firm transportation, and produce the underlying "high-level budgetary estimate." If multiple cost estimates were used, please identify and explain how each cost estimate was used in the modeling.
- e. What permitting, contracts, and other pre-construction agreements or approvals will be required?
- f. What is the estimated size and capacity of a lateral needed in the case of DFO?
- g. What is the estimated size and capacity of a lateral needed in the case of full conversion to gas firing?

h. What is the estimated size and capacity of a lateral needed in the case of a NGCC addition?

RESPONSE:

CONFIDENTIAL PROPRIETARY TRADE SECRET

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

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[REDACTED]

PERSON RESPONSIBLE: James McClay

Duke Energy Kentucky
Case No. 2024-00197
KSES Second Set Data Requests
Date Received: September 25, 2024

KSES-DR-02-004

REQUEST:

Please refer to JI 1-5.b., and answer the following questions:

- a. Is the Company aware of the term “conservation voltage reduction” as defined in the document *Duke Energy Ohio Smart Grid Audit and Assessment*, prepared for The Staff of the Public Utilities Commission of Ohio by MetaVu at 154 (Jun. 30, 2011), *available* *at* [https://www.smartgrid.gov/document/duke_energy_ohio_smart_grid_audit_and_a
ssessment.html](https://www.smartgrid.gov/document/duke_energy_ohio_smart_grid_audit_and_assessment.html)?
- i. Has the Company implemented conservation voltage reduction as defined and utilized in that document?
- ii. If so, please explain the efforts undertaken.
- iii. If not, why not?
- b. Is the Company aware that their meters support remote power quality analysis and are capable of instantaneous voltage monitoring? *See* Case No. 2016-00152, DEK Ex. 3 at 1-2.
 - i. Has the Company implemented remote power quality analysis?
 1. If so, please explain the efforts undertaken, and provide any analysis.
 2. If not, why not?
 - ii. Has the Company implemented instantaneous voltage monitoring?
 1. If so, please explain the efforts undertaken.

2. If not, why not?
- c. Is the Company aware of evaluation/implementation of conservation voltage reduction efforts included in other Kentucky IRPs (*see, e.g., Case No. 2016-00413, Electronic 2016 Integrated Resource Planning Report of Kentucky Power Company to the Public Service Commission of Kentucky*, at Sec. 3.3.5, Volt VAR Optimization, page 84 of 1497, (explaining that “VVO enables Conservation Voltage Reduction (“CVR”) on a utility’s system. CVR is a process by which the utility systematically reduces voltages in its distribution network, resulting in a proportional reduction of load on the network”); Case No. 2021-00393, *Electronic 2021 Joint Integrated Resource Plan of Louisville Gas and Electric Company and Kentucky Utilities Company*, at Sec. 6, Significant Changes, 6-1 (“The major reasons pertain to continued improvements in end-use efficiencies, as mentioned above, and load reductions associated with conservation voltage reduction (“CVR”) after AMI is fully implemented.”)))?
 - d. Is the Company aware of Volt-VAR Optimization (VVO) programs, for instance as piloted by Duke Energy Ohio from 2008 to 2016? *See Zohreh S. Hossein et al., Conservation Voltage Reduction and Volt-VAR Optimization: Measurement and Verification Benchmarking*, 8 IEEE Access 50,755, 50,764 (Mar. 23, 2020), available at <https://ieeexplore.ieee.org/stamp/stamp.jsp?arnumber=9027815>?
 - i. Has the Company implemented VVO as defined and utilized in that document?
 - ii. If so, please explain the efforts undertaken.
 - iii. If not, why not?
 - e. Did the Company receive and/or utilize funding from the U.S. Department of Energy for deployment of AMI in its Kentucky service territory as outlined in the

Project Description, Duke Energy Business Services, LLC Smart Grid Deployment,
November 2015 available at

https://www.smartgrid.gov/project/duke_energy_business_services_smart_grid_deployment?

- i. If so, did the Company make any commitments to implement CVR and/or VVO as defined in related funding agreements, or in the alternative as defined in parts a. and d., above?
- ii. If so, please explain the efforts undertaken.
- iii. If not, why not?

RESPONSE:

- a. Yes.
 - i. The Company has not implemented conservation voltage reduction in Kentucky.
 - ii. N/A.
 - iii. Implementation would require upgrades to voltage regulating equipment in substations and on the distribution lines. Upgrades would be needed on load tap changers, voltage regulators, and capacitors to allow additional control and communication capability.
- b. The Company is aware the AMI meters have limited remote voltage monitoring capability.
 - i. The limited power quality functionality is used to assist in diagnosis of some power quality issues.
 1. Due to the limited power quality functionality, the AMI meters are used for reference, but not a detail view. As compared to traditional power

quality monitors, the AMI meter has a lower sample frequency, and it does not have harmonics analysis, flicker analysis, transient analysis, waveform capture, or voltage unbalance analysis. It can assist also with power quality issues, but typically a traditional power quality monitor is still required.

2. N/A.

ii. Yes.

1. This is used to ping meters to determine if the customer has power.

2. N/A.

c. The Company is unaware of evaluation/implementation of conservation voltage reduction efforts included in other Kentucky IRPs.

d. Yes.

i. This has not been implemented in Kentucky.

ii. N/A.

iii. Implementation would require upgrades to voltage regulating equipment in substations and on the distribution line. Upgrades would be needed on load tap changers, voltage regulators, and capacitors to allow additional control and communication capability.

e. The Company did not receive or utilize funding from the U.S. Department of Energy (“USDOE”) for AMI deployment in its Kentucky service territory.

i. N/A.

ii. N/A.

iii. Duke Energy Kentucky did not attempt to obtain any grants from the USDOE for costs associated with the deployment of AMI in its service territory because the availability of and ability to obtain USDOE funding ended in 2014.

PERSON RESPONSIBLE: Nick Melillo – a., b., d.
Karen Hall – c.
Robert Ries – e.

Duke Energy Kentucky
Case No. 2024-00197
KSES Second Set Data Requests
Date Received: September 25, 2024

KSES-DR-02-005

REQUEST:

Please refer to the Company's response to JI 1-5.c., and explain how each of the "efficiency and quality of service improvements that AMI provides or enabled" improves the efficiency or quality of service *to customers*.

RESPONSE:

As described in KSES-DR-01-005, a non-exhaustive list of efficiency and quality of service improvements that AMI provides or enabled includes, but is not limited to the following:

- Read meters remotely.
- Connect and disconnect meters remotely.
- Capture and provide energy usage data.
- Allow a customer to pick their own due date.
- Provide usage alerts.
- Support remote power quality analysis.
- Support real time power verification (Ping It).
- Provide tamper detection events.

AMI meters enable greater convenience, control, and transparency over a customer's energy consumption. AMI enabled customers have access to more detailed information about their hourly and daily usage patterns so they can make more informed choices regarding how they use energy.

AMI customers benefit from the greater convenience that enables Duke Energy Kentucky to perform monthly or off-cycle meter reads remotely. The Company does not have to enter the customer's home or property just to read a meter. Additionally, customers have the convenience of not needing to schedule a site visit when they request that their electric service be switched on or off. Also, electric customers who become eligible for disconnection for non-payment will have power restored quicker through the near instantaneous remote turn-on capability, than they would if Duke Energy Kentucky had to send a technician on site. The fewer daily and monthly "truck rolls" directly translate to cost savings through a reduction in Operations and Maintenance (O&M) expense related to meter reading that all customers experience through Duke Energy Kentucky's rates.

Also, Duke Energy Kentucky has the capability to ping individual meters or masses of meters to determine if customers have power. During the damage assessment phase of a storm, the mass meter pinging capability allows the Company to have a better view of where outages are located on the system. This functionality helps reduce the assessment time, thus reducing outage durations for customers. During the power restoration phase of a storm, the capability of mass meter pinging enables the Company to determine whether power has been restored to each meter before leaving an area. And lastly, during the clean-up phase of a storm, when the Company is clearing out single-out tickets, the capability of pinging individual meters allows the Company to confirm if power is still out or if it has already been restored. This benefit results in reduced truck rolls, resulting in lower overall storm restoration costs.

PERSON RESPONSIBLE: Nick Melillo

Duke Energy Kentucky
Case No. 2024-00197
KSES Second Set Data Requests
Date Received: September 25, 2024

KSES-DR-02-006

REQUEST:

Please refer to the Company's response to JI 1-7, and answer the following questions:

- a. Does the Company agree that the past inclusion of including a CO2 tax on plant emissions in resource modeling added costs for units with CO2 emissions? If the Company does not agree, please explain.
- b. Does the Company agree that the inclusion of EPA CAA Section 111 constraints in resource modeling added costs for units with CO2 emissions? If the Company does not agree, please explain.
- c. Does the Company agree that, if EPA's Section 111 rule were stayed or eventually repealed, it is possible that a subsequent statutory, regulatory, and/or taxation change could impose new costs on CO2 emitting generation resources? If the Company does not agree, please explain.
- d. For each of the three time periods specified below, please explain whether the Company believes that a scenario with no legislation, regulation, or taxation of carbon emissions is likely, and why?
 - i. Over the next three years (2025-2027),
 - ii. Four to seven years out (2028-2031), does the Company believe that a scenario with no legislation or regulation of carbon emissions is likely? Please explain.
 - iii. Eight to fifteen years out (2032-2039), does the Company believe that a scenario with no legislation or regulation of carbon emissions is likely? Please explain.

RESPONSE:

- a. The Company agrees.
- b. The Company agrees.
- c. The Company agrees.
- d. Objection. Calls for speculation and guesswork. Without waiving said objection, many factors could impact whether any new or potentially new legislation, regulation, or taxation of carbon emissions is implemented, and the Company cannot predict the likelihood of such legislation, regulation or taxation of carbon emissions over specific time periods.

PERSON RESPONSIBLE: Matthew Kalemba

Duke Energy Kentucky
Case No. 2024-00197
KSES Second Set Data Requests
Date Received: September 25, 2024

KSES-DR-02-007

REQUEST:

Please refer to the section titled “Legislation Impacting Existing Fossil Fuel Generation” at page 63 of the Company’s IRP, and Kentucky Acts 172, 24 RS SB 349, *available at* <https://apps.legislature.ky.gov/law/acts/24RS/documents/0172.pdf>, and answer the following questions:

- a. To what extent has this affected the Company’s evaluation of the least cost alternative?
- b. Has the Company evaluated the additional cost to the Company or ratepayers of compliance with SB 349? Please provide any such evaluation.
- c. Referencing the letter from Amy B. Spiller, President, Duke Energy Ohio and Kentucky to the Honorable David Osborne, Speaker, and Members of the Kentucky House of Representation at 2 (Mar. 25 2024), presented as Joint Intervenor’s Hearing Exhibit 2 in Case No. 2023-413, *Electronic Application of Duke Energy Kentucky, Inc. For an Adjustment to Rider NM Rates and for Tariff Approval*, *available at* PDF 54-55 at https://psc.ky.gov/pscscf/2023%20cases/2023-00413//20240717_PSC%20Notice%20of%20Filing%20Hearing%20Documents%20-%20May%2021,%202024.pdf,
 - i. Please provide the analysis that supports the assertion at p. 2 of that letter that the legislation will result in “shifting approximately \$50-\$100 million in costs

from those customers who are currently benefitting from East Bend's operation to future customers who will be required to pay for these stranded costs.”

- ii. Please provide a current estimate of any costs associated with compliance with these requirements.

RESPONSE:

- a. The cited legislation did not affect the Company's evaluation of the least cost alternative.
- b. No, the Company has not evaluated any additional costs due to compliance with SB 349.
- c. Objection. This request is overbroad, unduly burdensome, and irrelevant to this proceeding. It is referencing a document presented to Speaker Osborne, and that was provided by a third party as an exhibit in a different proceeding altogether. Moreover, KSES is seeking information in a form that does not currently exist and calculations that the Company has not already performed. Thus, KSES is seeking to confuse issues, is seeking discovery in this proceeding that is related to evidence in a completely different proceeding, and is attempting to create unnecessary busywork and thus, this request is harassing in nature. Without waiving said objection, and to the extent discoverable, see the Commission's Order in Case No. 2022-00372, and the Company's Petition for Rehearing filed November 1, 2023, discussing the removal of Terminal Net Salvage from base rates.

PERSON RESPONSIBLE:

As to objection, Legal
As to response, Matthew Kalemba – a., b.
Sarah Lawler – c.

Duke Energy Kentucky
Case No. 2024-00197
KSES Second Set Data Requests
Date Received: September 25, 2024

KSES-DR-02-008

REQUEST:

Please refer to the Company's response to JI 1-8, and answer the following questions:

- a. With regard to b., did the Company include the costs to convert its wet flue gas desulfurization system from a quicklime reagent process to a limestone reagent handling system at its east bend generating station, as applied for in Case No. 2024-00152? If yes, please explain how. If not, why not?
- b. With regard to e.:
 - i. Did the Company include costs of compliance with the Legacy CCR in its IRP?
 - ii. Is it the Company's position that costs that would be the same under any scenario do not need to be considered?

RESPONSE:

- a. Yes, the capital cost to install the limestone reagent handling system was included.
- b. i. No
 - ii. In many instances, if costs are the same across all cases, then that cost may not be included. In other instances, such as the cost for the limestone reagent handling system, the costs were included in all cases. Since Duke Energy Kentucky is evaluating delta PVRs, the inclusion, or exclusion of these costs does not impact the final decision.

PERSON RESPONSIBLE: Matthew Kalemba

Duke Energy Kentucky
Case No. 2024-00197
KSES Second Set Data Requests
Date Received: September 25, 2024

KSES-DR-02-009

REQUEST:

Please refer to the Company's response to JI 1-9 and answer the following questions.

- a. With regard to the assumptions made "[a]t the time the IRP was developed" in a-c, does the Company still consider CCS and SMRs feasible on same timelines?
- b. With regard to the response to d. & e., confirm no studies or analysis were relied on, or please produce the studies or analysis relied on.
- c. With regard to the response to f.
 - i. Confirm only wind PPAs outside Company territory?
 - ii. How is this impacted by the Company's filing in Case no. 2024-00285?

RESPONSE:

- a. The Company still considers CCS and SMRs feasible on the same timeline as filed in the 2024 DEK IRP.
- b. For Geothermal assumptions, the Company relied on NRLE's mapping of the favorability of deep enhanced geothermal systems in the United States located at <https://www.nrel.gov/gis/assets/images/geothermal-identified-hydrothermal-and-egs.jpg>

Solar steam augmentation requires significant solar irradiance, and as shown in NREL's "Solar-Augment Potential of U.S. Fossil-Fired Power Plants" located at <https://www.nrel.gov/docs/fy11osti/50597.pdf> (page 3), Kentucky was not identified as a state with a viable solar resource for solar augmentation. For

offshore wind, Kentucky is a land-locked state with no direct access to offshore wind. For other technologies listed, the Company primarily relied on feedback from internal SMEs on certain technologies.

- c. i. This question is not clear, but the Company assumed wind resources available beginning in 2032 and did not make an assumption as to whether these would be 3rd party or utility owned.
- ii. This assumption is not impacted by the Company's filing in Case No. 2024-00285.

PERSON RESPONSIBLE: Matthew Kalemba

Duke Energy Kentucky
Case No. 2024-00197
KSES Second Set Data Requests
Date Received: September 25, 2024

KSES-DR-02-010

REQUEST:

Please refer to the Company's response to JI 1-10.a.

- a. Please confirm that "Duke Energy" as used in the above-referenced response refers to Duke Energy Corp. If anything but confirmed, please explain.
- b. Please produce Duke Energy's carbon reduction goals.
- c. Please identify the regulatory entity (or entities) that would approve Duke Energy's carbon reduction goals.
- d. Please explain what portion of Duke Energy Corp.'s carbon reduction goals will need to be achieved through reduced carbon emissions from Duke Energy Kentucky's operations.
- e. Please identify where the 2024 IRP identifies Duke Energy's carbon reduction goals and/or explains its relevance to Duke Energy Kentucky's resource planning.

RESPONSE:

- a. Yes.
- b. All Duke Energy enterprise carbon reduction goals can be found list in the Company's 2023 Impact Report (pages 15-16) available at https://p-micro.duke-energy.com/impact/-/media/pdfs/our-company/esg/2023-impact-report.pdf?rev=411d7d99bd3249f8b8653dedc3254098&_gl=1*1cn6y3v*_ga*MTI4MjQwOTAzOC4xNzAxNzE4NTMw*_ga_HB58MJRNTY*MTcxMzk3MjAz

Ny43MS4xLjE3MTM5NzIwNDUuMC4wLjA.&_ga=2.47944100.2015352573.1713972037-1282409038.1701718530

- c. There are no regulatory entities that approve Duke Energy's carbon reduction goals. However, the integrated resource plans that are developed in each of the jurisdictions Duke Energy operates follow the required utility commission reviews and processes specific to those jurisdictions.
- d. Progress against Duke Energy's carbon reduction goals are currently developed on an enterprise-level only.
- e. Duke Energy's carbon reduction goals are considered within the context of the jurisdictions Duke Energy operates in. In the case of the Duke Energy Kentucky IRP, the plan provides a low cost, reliable solution for meeting Duke Energy Kentucky's customers' needs while also being aligned with Duke Energy's enterprise goals.

PERSON RESPONSIBLE: Matthew Kalemba

Duke Energy Kentucky
Case No. 2024-00197
KSES Second Set Data Requests
Date Received: September 25, 2024

KSES-DR-02-011

REQUEST:

Please refer to the Company's response to JI 1-14, particularly the statement that "As domestic coal generating capacity is expected to continue to retire over the next several years, the Company anticipates coal supply will continue to follow a similar downward trend in response to lower domestic demand."

- a. Does the Company agree that a downward trend in coal supply could reduce the number of potential coal suppliers for the East Bend 2 unit? Please explain why the Company agrees or disagrees.
- b. Does the Company agree that, all else being equal, reduced supply and fewer suppliers would put upward pressure on coal prices? Please explain why the Company agrees or disagrees.

RESPONSE:

- a. Yes, the Company agrees that a downward trend in coal supply could reduce the number of potential coal suppliers for East Bend station. Announcements regarding planned retirements for the nation's aging coal facilities contribute to the continuing deterioration of the domestic coal supply chain as coal production is reduced, redirected to the international market, or closed completely due to lack of forecasted domestic demand. That being said, Duke Energy Kentucky's East Bend Station has been successful in its fuel flexibility program and is able to burn coals from multiple regions, including the Illinois Basin and Northern Appalachian regions, which

currently have sufficient annual production and projected coal reserves to meet the generation needs of the station through its projected retirement.

- b. The company agrees that reduced coal production and fewer coal suppliers has the potential to put upward pressure on coal commodity prices. As thermal coal production continues to decrease, the risks to coal supply availability and prices increase. Although the Company agrees that the downward trend in coal supply has the potential to reduce the number of potential suppliers for East Bend unit 2, the Company executes a coal procurement strategy designed to assure a reliable supply of appropriate quality coal for its coal generating fleet at the least cost reasonably possible. Aspects of this procurement strategy include using competitive bid processes to execute an appropriate mix of long and short-term purchases required to manage projected coal burn volatility, evaluating contract expirations, and limiting exposure to market price changes, diversifying sourcing, and incorporating flexibility into the supply contracts as available.

PERSON RESPONSIBLE: Kimberly Hughes

Duke Energy Kentucky
Case No. 2024-00197
KSES Second Set Data Requests
Date Received: September 25, 2024

KSES-DR-02-012

REQUEST:

Please refer to the Company's response to JI 1-16 and answer the following questions:

- a. With regard to the response to a., please list each "relevant IRA benefit[]" evaluated/modeled, and explain how each was accounted for.
- b. With regard to the response to b., please confirm the Company has not applied for any IRA benefits aside from IRA tax credits.
 - i. If confirmed, explain why the Company has not applied for any other IRA programs, and reconcile this answer with the answer in JI 1-16.c.
 - ii. If anything but confirmed, please list each program the Company has applied for and provide applications and current status.
- c. With regard to the response to c., please provide the "Concept Papers & Applications for the GRIP Program."

RESPONSE:

- a. In the 2024 Duke Energy Kentucky IRP, the assumptions for IRA benefits are summarized in "Figure 3.19: 2024 IRP Inflation Reduction Act Modeling Assumptions". This Figure shows all relevant IRA benefits that were modeled in the IRP. New nuclear, new solar and new wind projects were modeled with production tax credits and new storage projects were modeled with investment tax credits. Bonus credits for energy community were modeled on solar and storage; wind received bonus credits for domestic content. In addition, carbon capture and

sequestration received tax credits for tons of carbon captured and sequestered and units producing hydrogen received tax credits for each kg of hydrogen produced. Investment tax credits were modeled as a percentage of the inflated direct cost of the project. Production tax credits were modeled for the first ten years of the projection (twelve for CCS) as a production tax credit multiplied by the generation/carbon sequestered/hydrogen produced by the unit. All tax credits were included in each portfolio's PVR.

- b. Confirmed.
 - i. IRA tax credits are the IRA benefits that are applicable to Duke Energy Kentucky investments at this time. To reconcile this response with the answer provided in JI 1-16c., the Grid Resilience and Innovation Partnerships ("GRIP") Program is not an IRA benefit; rather, it is a program funded under the Infrastructure Investments and Jobs Act ("IIJA") of 2021.
 - ii. Not applicable.
- c. Objection. This request is overbroad, unduly burdensome, and not likely to lead to the discovery of any relevant or admissible information. The concept papers and applications for the GRIP Program are for transmission and distribution resilience and reliability and not relevant to or reflected in the IRP and IRP modeling.

PERSON RESPONSIBLE:

As to objection, Legal
As to response, Jennifer Poppler
Paige Swofford
Matthew Kalembe

Duke Energy Kentucky
Case No. 2024-00197
KSES Second Set Data Requests
Date Received: September 25, 2024

KSES-DR-02-013

REQUEST:

Please refer to the Company's response to JI 1-19.a.

- a. The language of this response is semantically unclear, please clarify whether the Company means that the generic storage resource(s) available to the model all included a weighted ITC of 32.5%.
- b. Please also clarify whether the Company means the same with regard to standalone solar and SPS solar "reciev[ing] portions of two PTC curves."

RESPONSE:

- a. Both the standalone storage and paired storage available to the model included the weighted ITC of 32.5%
- b. The Company assumed that 25% of the SPS solar and 25% of the standalone solar would meet the requirements for the Energy Community bonus and be eligible for a 10% increase in the PTC. The Company modeled a wage and apprenticeship PTC curve (W&A PTC) for projects meeting wage and apprenticeship guidelines and an Energy Community PTC curve (EC PTC) for projects qualifying for energy community (10% increase of W&A curve). In order to model the EC bonus for 25% of the projects, each solar and SPS project would receive a mix of 25% of the EC PTC curve and 75% of the W&A PTC curve to reflect the EC bonus on a 25% of the projects.

PERSON RESPONSIBLE: Matthew Kalemba

**Duke Energy Kentucky
Case No. 2024-00197
KSES Second Set Data Requests
Date Received: September 25, 2024**

KSES-DR-02-014

REQUEST:

Please identify each instance in which the 2024 IRP explicitly addresses the capital investment in East Bend 2 proposed in Case No. 2024-00152.

RESPONSE:

The capital investment in East Bend 2 identified in Case No. 2024-00152 is included in each portfolio evaluated in the IRP, the cost of which is identified as part of Confidential Table H.2 on page 151 of the Duke Energy Kentucky IRP.

PERSON RESPONSIBLE: Matthew Kalemba

**Duke Energy Kentucky
Case No. 2024-00197
KSES Second Set Data Requests
Date Received: September 25, 2024**

KSES-DR-02-015

REQUEST:

Please identify each instance where the capital investment in East Bend 2 proposed in Case No. 2024-00152 is included in the modeling inputs for the 2024 IRP.

RESPONSE:

The capital investment in East Bend 2 as proposed in Case No. 2024-00152 is included as a base assumption in each portfolio developed in the Company's IRP.

PERSON RESPONSIBLE: Matthew Kalemba

Duke Energy Kentucky
Case No. 2024-00197
KSES Second Set Data Requests
Date Received: September 25, 2024

KSES-DR-02-016

REQUEST:

Please confirm that the CPCN project proposed in Case No. 2024-00152 is not identified in the 2024 IRP as a part of Duke’s “three-year implementation plan.”

- a. If confirmed, please explain in full the reasons that the 2024 IRP does not address the referenced CPCN project.
- b. If anything but confirmed, please identify each instance where the referenced CPCN project is identified as part of Duke’s “three-year implementation plan.”

RESPONSE:

The CPCN project proposed in the Case No. 2024-00152 is not explicitly identified in the 2024 IRP “three-year implementation plan.” That project is being evaluated as part of the CPCN proceeding and was assumed to be in the base case for each portfolio developed. The project is part of Duke Energy Kentucky’s plan to limit “customer exposure to market price fluctuations” as stated in the “Three-Year Implementation Plan” on page 6 of the IRP.

PERSON RESPONSIBLE: Matthew Kalemba

Duke Energy Kentucky
Case No. 2024-00197
KSES Second Set Data Requests
Date Received: September 25, 2024

KSES-DR-02-017

REQUEST:

Please confirm that the proposal to change from a Fixed Resource Requirement status to full participation in PJM’s auction-based Reliability Pricing Model, as proposed in Case No. 2024-00285, was not identified as a part of Duke’s “three-year implementation plan.”

- a. If confirmed, please explain in full the reasons that the 2024 IRP does not address the referenced change in PJM participation.
- b. If anything but confirmed, please identify each instance in which the referenced change in PJM participation is identified as part of Duke’s “three-year implementation plan.”

RESPONSE:

The proposal to change from a Fixed Resource Requirement status to full participation in PJM’s auction-based Reliability Pricing Model, as proposed in Case No. 2024-00285 is not explicitly identified in the 2024 IRP “three-year implementation plan.” The proposed status change does not impact the manner in which the Company’s IRP is developed and was not relevant for inclusion in the three-year implementation plan.

PERSON RESPONSIBLE: Matthew Kalemba

**Duke Energy Kentucky
Case No. 2024-00197
KSES Second Set Data Requests
Date Received: September 25, 2024**

KSES-DR-02-018

REQUEST:

Please identify each instance in which the 2024 IRP explicitly addresses the changes to the Company's Demand Side Management programs proposed in Case No. 2024-00264.

RESPONSE:

The 2024 IRP does not explicitly address the changes to the Company's Demand Side Management programs proposed in Case No. 2024-00264. The proposed program amendments in Case No. 2024-00264 were filed and requested after the date that the IRP was submitted and are not approved as of this time.

PERSON RESPONSIBLE: Tim Duff

Duke Energy Kentucky
Case No. 2024-00197
KSES Second Set Data Requests
Date Received: September 25, 2024

KSES-DR-02-019

REQUEST:

Please identify each instance where the changes to the Company's Demand Side Management programs proposed in Case No. 2024-00264 are included in the modeling inputs for the 2024 IRP.

RESPONSE:

The 2024 IRP does not explicitly address the changes to the Company's Demand Side Management programs proposed in Case No. 2024-00264. The proposed program amendments in Case No. 2024-00264 were filed and requested after the date that the Company's IRP was submitted and are not approved as of this time.

PERSON RESPONSIBLE: Tim Duff

Duke Energy Kentucky
Case No. 2024-00197
KSES Second Set Data Requests
Date Received: September 25, 2024

KSES-DR-02-020

REQUEST:

For each modeling exercise included in the Company's 2024 IRP, please state whether Duke was assumed to participate in PJM as a Fixed Resource Requirement entity, with associated capacity and reserve margin requirements, or as a Reliability Pricing Model (RPM) entity?

RESPONSE:

The way that Duke Energy Kentucky participates in the PJM capacity market (FRR vs RPM) does not have a material impact on IRP modeling. The Company will still plan, for IRP purposes, to meet a target reserve margin within DEOK under either construct.

PERSON RESPONSIBLE: Matthew Kalemba

Duke Energy Kentucky
Case No. 2024-00197
KSES Second Set Data Requests
Date Received: September 25, 2024

KSES-DR-02-022

REQUEST:

Please explain how the Company calculated the preferred portfolio's revenue requirements per kilowatt hour, provided in the IRP at page 31, Table 3.3. Please include with your response the workpaper(s) used in those calculations.

RESPONSE:

Table 3.3 is developed by dividing the annual revenue requirements for the plan from Encompass by the annual energy demand (MWh) as shown in the last column from Table B.10, p. 86 of the IRP. Please see KSES-DR-02-022 Attachment for the calculations.

PERSON RESPONSIBLE: Matthew Kalemba

PVRR:	\$2,669 million
Discount Rate:	7.07%
Inflation Rate:	2.50%

Annual Revenue Requirements (\$ million)																	
	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	2037	2038	2039	2040
Nominal	\$195	\$250	\$293	\$194	\$238	\$207	\$337	\$241	\$252	\$275	\$245	\$335	\$255	\$256	\$265	\$379	\$391
Real 2024\$	\$195	\$244	\$279	\$180	\$215	\$183	\$291	\$203	\$207	\$220	\$192	\$256	\$190	\$186	\$187	\$262	\$264

Revenue Requirements per Kilowatt Hour																	
	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	2037	2038	2039	2040
Nominal	\$0.05	\$0.06	\$0.07	\$0.05	\$0.06	\$0.05	\$0.08	\$0.06	\$0.06	\$0.06	\$0.06	\$0.07	\$0.06	\$0.06	\$0.06	\$0.08	\$0.08
Real 2024\$	\$0.05	\$0.06	\$0.06	\$0.04	\$0.05	\$0.04	\$0.07	\$0.05	\$0.05	\$0.05	\$0.04	\$0.06	\$0.04	\$0.04	\$0.04	\$0.06	\$0.06

Note: Does not include existing rate base (generation, transmission or distribution) or any future investment in transmission or distribution

Data for tables	\$195,270	\$249,814	\$293,004	\$194,315	\$237,705	\$207,130	\$337,130	\$241,389	\$252,259	\$274,567	\$245,225	\$335,413	\$254,968	\$255,905	\$264,915	\$379,261	391429.7
	4,289	4,284	4,291	4,285	4,291	4,282	4,363	4,370	4,390	4,400	4,420	4,525	4,561	4,577	4,603	4,630	4676.653
	4288503326	4.28E+09	4.29E+09	4.28E+09	4.29E+09	4.28E+09	4.36E+09	4.37E+09	4.39E+09	4.4E+09	4.42E+09	4.52E+09	4.56E+09	4.58E+09	4.6E+09	4.63E+09	

Duke Energy Kentucky
Case No. 2024-00197
KSES Second Set Data Requests
Date Received: September 25, 2024

KSES-DR-02-023

REQUEST:

Please reconcile the statement at page 30 of the IRP that “Executing on these compliance pathways will require updates to Kentucky statutes” and the Company’s response to JI 1-20.c., and explain how the Company intends to comply with the EPA CAA Section 111 Update if no changes are made to Kentucky statutes.

RESPONSE:

Objection. Calls for legal opinion. Without waiving said objection, to the extent discoverable, nothing in R.S. § 224.20-142 precludes the Company from incorporating the dual fire option, which is how the Company intends to comply.

PERSON RESPONSIBLE: Legal