



An **AEP** Company

## 27th Annual Ohio Energy Savings & Management Conference

March 1, 2023

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## **AEP Ohio Overview**

- AEP Ohio is engaged in the transmission and distribution of electric power to approximately 1.5 million customers in Ohio.
- AEP Ohio purchases energy and capacity to serve generation service customers who have not switched to a competitive generation supplier.
- AEP Ohio is a member of PJM.
- AEP Ohio Quick Facts

<ul> <li>Total AEP Ohio Employees</li> </ul>	1,723
<ul> <li>Total Transmission Miles</li> </ul>	7,574
<ul> <li>Total Distribution Miles</li> </ul>	46,871
<ul><li>Counties Served</li></ul>	61 of 88





## **Ohio Rates Key Points**

## Ohio Rates are unbundled (G, T, D, riders)

- D rates set through a base rate case
  - In March 2021, AEP Ohio and 13 other parties reached a settlement in the rate case that addressed issues of reliability, affordability, and continued investments in providing electric service to our customers.
  - Commission Ordered November 17, 2021, and effective December 1, 2021
  - AEP Ohio's last base rate case was in 2011.
- T rates set as pass through of Open Access Transmission Tariff (OATT) charges
- G rates set through competitive bid auction

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# Primary Customer (using 300,000 kWh and 1,000 KW)

BOUNDLESS ENERGY"

Base + Rider Total

**Total Ohio Power Billing Charge:** 

Bill Calculation				R:	Rates				Billing							
			Generation	Transmission	Г	Distribution		Total		Ge	eneration	Tra	nsmission	Di	stribution	Total
Customer Charge					\$	138.50	\$	138.50						\$	138.50	\$ 138.50
Energy Charge	300,000 kWh	х							/kWh							
Demand Charge	1,000.0 kW	Х			\$	6.590	\$	6.590	/kW					\$	6,590.00	\$ 6,590.00
Excess Reactive Demand Charge	0.0 kVar	Х			\$	1.210	\$	1.210	/kW					\$	-	\$ -
Base Charges														\$	6,728.50	\$ 6,728.50
Riders																
Universal Service Fund (first 833,000 kWh)	300,000 kWh	х		T .	\$	0.0053667	\$	0.0053667	/kWh					\$	1,610.01	\$ 1,610.01
Universal Service Fund (in excess of 833,000 kWh)	0 kWh	Х			\$	0.0001756	\$	0.000176	/kWh					\$	-	\$ -
kWh Tax (first 2000 kWh)	2,000 kWh	Х			\$	0.00465	\$	0.00465	/kWh					\$	9.30	\$ 9.30
kWh Tax (next 13,000 kWh)	13,000 kWh	Х			\$	0.00419	\$	0.00419	/kWh					\$	54.47	\$ 54.47
kWh Tax (in excess of 15,000 kWh)	285,000 kWh	Х			\$	0.00363	\$	0.00363	/kWh					\$	1,034.55	\$ 1,034.55
Bad Debt Rider	\$6,728.50 Base (Dist)	Х			П	0.0000%	5	0.00000%						\$	-	\$ -
Generation Energy Rider	300,000 kWh	Х	\$ 0.0583800				\$	0.0583800	/kWh	\$	17,514.00					\$ 17,514.00
Generation Capacity Rider	300,000 kWh	Х	\$ 0.0037300				\$	0.0037300	/kWh	\$	1,119.00					\$ 1,119.00
Auction Cost Reconciliation Rider	300,000 kWh	Х	\$ (0.0026951)	)			\$	(0.0026951)	/kWh	\$	(808.53)	)				\$ (808.53
Legacy Generation Resource Rider	300,000 kWh	Х			\$	(0.0007590)	) \$	(0.0007590)	/kWh					\$	(227.70)	\$ (227.70
Basic Transmission Cost Rider	300,000 kWh	Х		\$ 0.0004080	Т		\$	0.0004080	/kWh			\$	122.40			\$ 122.40
Basic Transmission Cost Rider	1,000.0 kW	Х		\$ 7.83			\$	7.83	/kW			\$	7,830.00			\$ 7,830.00
Economic Development Cost Recovery	\$6,728.50 Base (Dist)	Х			T	3.77608%	5	3.77608%						\$	254.07	\$ 254.07
Enhanced Service Reliability	\$6,728.50 Base (Dist)	Х				3.07070%		3.07070%						\$	206.61	\$ 206.61
gridSMART Phase 2 Rider	Month				\$	15.57	\$	15.57						\$	15.57	\$ 15.57
Retail Reconciliation Rider (in excess of 833,000 kWh)	0 kWh	Х			T		\$	-	/kWh							\$ -
Distribution Investment Rider	\$6,728.50 Base (Dist)	Х			T	8.52683%	5	8.52683%						\$	573.73	\$ 573.73
Smart City Rider	Month				\$	-	\$	-						\$	-	\$ -
Storm Damage Recovery Rider	Month					\$0.00	\$	-							\$0.00	\$ -
Alternative Energy Rider	300,000 kWh	Х	\$ 0.0037618				\$	0.0037618	/kWh	\$	1,128.54					\$ 1,128.54
Tax Savings Credit Rider	300,000 kWh	Х			\$	(0.0006200)	) \$	(0.0006200)	/kWh					\$	(186.00)	\$ (186.00
Solar Generation Fund Rider (first 833,000 kWh)	300,000 kWh	Х			\$	0.0002850	\$	0.0002850	/kWh					\$	85.50	\$ 85.50
Riders Total			•	•						\$	18,953.01	\$	7,952.40	\$	3,430.11	\$ 30,335.52

Minimum Charge \$ 37,064.02

18,953.01 \$ 7,952.40 \$ 10,158.61 \$

37,064.02

37,064.02

https://www.aepohio.com/company/about/rates/



Base + Rider Total

# Transmission Customer (using 10,000,000 kWh and 20,000 KW)

Bill Calculation				R	ates					Billing						
			Generation	Transmission	[	Distribution		Total		G	eneration	Tra	ansmission	Di	stribution	Total
Customer Charge					\$	3,600.00	\$	3,600.00						\$	3,600.00	\$ 3,600.
Energy Charge	10,000,000 kWh	х							/kWh							
Demand Charge	20,000.0 kW	х			\$	-	\$	-	/kW					\$	-	\$
Excess Reactive Demand Charge	0.0 kVar	х			\$	0.700	\$	0.700	/kW					\$	-	\$ -
Base Charges														\$	3,600.00	\$ 3,600.
Riders																
Universal Service Fund (first 833,000 kWh)	833,000 kWh	х			\$	0.0053667		0.0053667						\$	4,470.46	\$ 4,470
Universal Service Fund (in excess of 833,000 kWh)	9,167,000 kWh	Х			\$	0.0001756	,	0.000176						\$	1,609.73	1,609
kWh Tax (first 2000 kWh)	2,000 kWh	х			\$	0.00465		0.00465						\$	9.30	9
kWh Tax (next 13,000 kWh)	13,000 kWh	Х			\$	0.00419		0.00419						\$	54.47	54
kWh Tax (in excess of 15,000 kWh)	9,985,000 kWh	х			\$	0.00363		0.00363	/kWh					\$	36,245.55	\$ 36,245
Bad Debt Rider	<b>\$3,600.00</b> Base (Dist)	х				0.0000%		0.00000%						\$	-	\$
Generation Energy Rider	10,000,000 kWh		\$ 0.0573200					0.0573200		\$	573,200.00					\$ 573,200
Generation Capacity Rider	10,000,000 kWh	х	\$ 0.0027800					0.0027800		\$	27,800.00					\$ 27,800
Auction Cost Reconciliation Rider	10,000,000 kWh	х	\$ (0.0026951)				\$ (0	0.0026951)	/kWh	\$	(26,951.00)					\$ (26,951
Legacy Generation Resource Rider	833,000 kWh	х			\$	(0.0007590)								\$	(632.25)	\$ (632
Basic Transmission Cost Rider	10,000,000 kWh	х		\$ 0.0004006			\$ 0	0.0004006	/kWh			\$	4,006.00			\$ 4,006
Basic Transmission Cost Rider	20,000.0 kW	х		\$ 8.54			\$	8.54	/kW			\$	170,800.00			\$ 170,800
Economic Development Cost Recovery	<b>\$3,600.00</b> Base (Dist)	х				3.77608%		3.77608%						\$	135.94	135
Enhanced Service Reliability	<b>\$3,600.00</b> Base (Dist)	х				3.07070%		3.07070%						\$	110.55	110.
gridSMART Phase 2 Rider	Month				\$	15.57		15.57						\$	15.57	\$ 15
Distribution Investment Rider	<b>\$3,600.00</b> Base (Dist)	х				8.52683%		8.52683%						\$	306.97	\$ 306
Smart City Rider	Month				\$	-	\$	-						\$	-	\$
Storm Damage Recovery Rider	Month					\$0.00		-							\$0.00	\$
Alternative Energy Rider	10,000,000 kWh	Х	\$ 0.0036866					0.0036866		\$	36,866.00					\$ 36,866
Tax Savings Credit Rider	10,000,000 kWh	Х			\$	(0.0006200)								\$	(6,200.00)	(6,200
Solar Generation Fund Rider (first 833,000 kWh)	833,000 kWh	Х			\$	0.0002850	\$ 0	0.0002850	/kWh		<u> </u>			\$	237.41	237
Riders Total				-						\$	610,915.00	\$	174,806.00	\$	36,363.70	\$ 822,084.

Minimum Charge \$ 825,684.70

Total Ohio Power Billing Charge: \$ 825,684.70

\$ 610,915.00 \$ 174,806.00 \$ 39,963.70 \$



## **Ohio Base Distribution Case**

Set a GS-1 and Primary rate energy and demand charge that changes annually until December 1, 2024.

Primary Customers										
	Ohio Power Rat	e Zone	Columbus Southern Power Rate Zone							
	Customer Charge	KW Charge	<b>Customer Charge</b>	KW Charge						
12/1/2021	\$ 9.40	\$ 6.72	\$ 9.40	\$ 5.85						
12/1/2022	\$ 9.40	\$ 6.59	\$ 9.40	\$ 6.01						
12/1/2023	\$ 9.40	\$ 6.46	\$ 9.40	\$ 6.17						
12/1/2024	\$ 9.40	\$ 6.33	\$ 9.40	\$ 6.33						

GS-1 Customers										
	Ohio Power Rat	e Zone	Columbus Southern Power Rate Zone							
	<b>Customer Charge</b>	kWh Charge	Custome	er Charge		kWh Charge				
12/1/2021	\$ 9.40	\$0.0138367	\$	9.40	\$	0.0279184				
12/1/2022	\$ 9.40	\$0.0160846	\$	9.40	\$	0.0254723				
12/1/2023	\$ 9.40	\$0.0183324	\$	9.40	\$	0.0230262				
12/1/2024	\$ 9.40	\$0.0205802	\$	9.40	\$	0.0205802				



## **ESP History**

 Senate Bill No. 221 adopted a new hybrid process for setting generation rates starting in 2008either an Electric Security Plan (ESP) or a Market-Rate Offer (MRO)

### Purpose of an ESP

- To fulfill obligation to provide a Standard Service Offering (SSO) to customers
- Propose provisions/programs regarding distribution service
  - Deploy technologies and infrastructure to modernize and improve the distribution system for customers
  - Economic development
- Seek approval of new rates/riders
- Extend existing riders/set new rates for existing riders (i.e. DIR)



## **ESP V Summary**

- Filed ESP V Case on January 6, 2023, in Case 23-0023-EL-SSO
- Period of June 2024-May 2030
  - Distribution Investment -
    - Proposed investments to upgrade aging infrastructure, improve reliability and to meet new growth requirements
      - Resiliency & Grid Hardening Focus on circuit backbones, switching capabilities
      - Veg Impact Mitigation Targets overhead facilities impacted by frequent outages due to trees. Strategic undergrounding, line relocation, and/or insulated conductor.
      - Directed Reliability Address worst performing circuits by sectionalizing and adding circuit ties.
      - Distribution Substation Rehab Rebuild stations at or beyond useful life over next 10 years.
         350 transformers, 475 breakers, and 560 regulators.
      - Distribution Substation Exits Rebuild substation exit cables and replace cable that is at or beyond useful life.
  - Vegetation Management Rider -
    - Continuation and expansion of our tree trimming program. Integration of our danger tree program (outside the right-of-way).



## **ESP V Summary**

## New Energy Efficiency Program

#### Continuation of IRP Credits

- Legacy will be reduced \$1 each year starting June 2025
- Expanded IRP will continue with existing customers
- New Industry will not be capped and requires RRA

### EV Program

- Builds on success of our Smart City EV charger rebate program
- Residential, Corridor, and Commercial/Public programs
- Sets auction rules and schedule for ESP term



### **Generation Riders**

- The Standard Service Offer (SSO) Price to Compare is made up of the following Generation Riders:
  - The Generation Energy (GENE)
  - Generation Capacity (GENC)
  - Alternative Energy Rider (AER)
  - Auction Cost Reconciliation Rider (ACRR)
- Generation Rates for the SSO are determined through an Auction or Competitive Bid Process.
- All Ohio Electric Distribution Utilities hold a Competitive Bid Process to procure Generation for their SSO load which is accomplished through a descending clock auction.
- A descending clock auction:
  - Starts with a higher price which gradually decreases by round.
  - Bidders gradually drop out as pricing becomes unacceptable for them.
  - This continues until the remaining bids are just enough to fill the target volume.
  - The price of the last dropped bid used to fulfill the volume target will determine the auction clearing price.



## **Current Price to Compare (PTC)**

<b>Calculation of Blended Competitive Bid Price</b>										
<b>Delivery Period:</b>	June 2022	2 - May 2023								
Procurement	No. of		Cl	earing						
<u>Date</u>	Tranches	<u>Delivery Period</u>		<u>Price</u>						
Nov-21	50	June 2022 - May 2023	\$	55.14	/MWh					
Mar-22	50	June 2022 - May 2023	\$	69.27	/MWh					
Total	100									
Blended	\$	62.21	/MWh							

- The bypassable SSO Generation Rate or Price to Compare:
  - The blended auction price determines the basis for GENE and GENC rates
  - The ACRR which trues-up generation and auction costs
  - The AER which recovers the Compliance costs associated with Alternative Energy Requirements
- Current Residential, Commercial, industrial, and Transmission Generation rates for the SSO:

Rider	GENE	GENC	ACRR	AER	SSO PTC
Residential	\$0.0604100	\$0.0058100	\$ (0.0026951)	\$ 0.0038973	\$0.0674222
Secondary	\$0.0604100	\$0.0047100	\$ (0.0026951)	\$ 0.0038973	\$0.0663222
Primary	\$0.0583800	\$0.0037300	\$ (0.0026951)	\$ 0.0037618	\$0.0631767
Transmission	\$0.0573200	\$0.0027800	\$ (0.0026951)	\$ 0.0036866	\$0.0610915



## **Transmission Rider: BTCR Pilot Program**

- The Basic Transmission Cost Rider ("BTCR") This Rider allows the Company to recover non-market-based transmission charges from both shopping and non-shopping customers.
- BTCR Pilot Program:
  - Established Joint Stipulation and Recommendation (December 21, 2016) in Case No. 10-2929-EL-UNC,
  - Continued ESPIII in case no: 16-1852-EL-SSO (Ordered April 25, 2018), and
  - Updated Base Distribution Case No: 20-585-EL-AIR (Ordered November 17, 2021).
  - Program allows enrolled customers to be billed based on their previously established single highest coincident peak ("1CP") in PJM.



## **Transmission Rider: BTCR Pilot Program**

### Pilot program details:

- Enrollment only available to sponsoring groups for a total of 50 participation slots.
- 50 participation slots: 15 for OMAEG; 15 for OEG; 15 for IEU-Ohio; 3 for public school customers of Direct Energy Services, LLC and Direct Energy Business, LLC; and 2 for IGS customers.
- Program MW Caps: 900 in 2023 and 1,000 for 2024, plus an additional 20 MWs for schools, subject to the reallocation if the enrollment exceeds the MW Cap. New Load shall be excluded from the participation cap for the duration of the pilot.
- Participation notification through sponsor groups: intent to participate preliminary non-binding notice due by December 15th of each year. Final, binding election made annually by February 15<sup>th</sup>.

#### Program Rates:

- Pilot Rates Effective Cycle 1 April each year.
- Pilot 1CP Rate calculated as the Company's total forecasted demand costs divided by the Network Service Peak Load (NSPL).
- Each customer will be billed for transmission demand based on their 1CP demand.
- Current calendar year 1CP established 11/1-10/31 based on PJM peak (1CP zonal load contributions for PJM Network Service billing).



## gridSMART Summary

- Filed gridSMART Phase III Case on July 26, 2019, in Case 19-1475-EL-RDR
- Joint Stipulation and Recommendation filed October 27, 2021
- Opinion and Order adopting the Stipulation issued December 1, 2021
  - Total estimated costs: Capital \$223 million, O&M \$79 million
  - Phase III capital investments:
    - \$94 million for the final phase of Advanced Metering Infrastructure ("AMI") rollout to all AEP Ohio customers
    - \$115 million for Volt/Var Optimization
    - \$10 million for remaining Phase II Distribution Automation Circuit Reconfiguration ("DACR") deployments
    - \$2.8 million for Electronic Data Interchange improvements
  - Withdraw proposed Phase III DACR
    - Can refile a new application on or after June 1, 2022
  - Withdraw fiber plan without prejudice
  - \$500,000 shareholder funded thermostat pilot
  - \$250,000 one-time shareholder donation to Neighbor-to-Neighbor Fund

## BakerHostetler

# AEP Ohio SSO Auction Schedule for June 1, 2023 – May 31, 2024 Service Year

- November 1, 2022 (50 tranches or 50% of load)
- March 7, 2023 (50 tranches)
  - Competitive Auctions
  - Full Requirements Load Contracts
  - Impact of Load Migration Increased Risk Premium
  - SSO Rates Expected to Increase June 1, 2023

## BakerHostetler

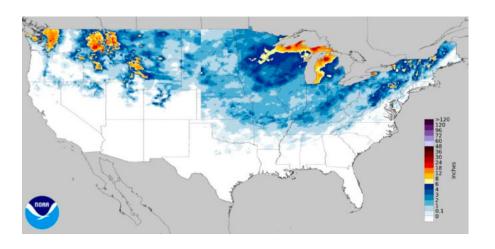
## **November 1, 2022 Auction Results**

Table 1. Summary of Auction Results

	Delivery Period June 1, 2023 to May 31, 2024
Number of Registered Bidders	7
Total initial eligibility of Registered Bidders (# of tranches)	
Total initial eligibility divided by volume	
Number of bidders that submitted a non-zero bid in round 1	
Number of tranches bid in round 1	72
Number of tranches bid in round 1 divided by tranche target	1.44
Number of tranches to procure in auction (tranche target)	50
Number of tranches procured in auction	45
Number of rounds in the auction	4
Number of winning bidders	6
Starting price range (\$/MWh)	100.00 - 130.00
Starting price (\$/MWh)	
Clearing price (\$/MWh)	119.98



# Winter Storm Elliott



## **Overview: Weather and PJM**

- Winter Storm Elliott led to extremely cold temperatures with wind chill factors approaching -30° F for much of the AEP Zone on the evening of December 23, 2022.
- Most drastic temperature drop in PJM in over a decade.
- PJM's forecasted load for December 23 was 29 GW under their planned operating capacity for the day, but actual load came in at over 10% of forecasted load.
- As PJM called on reserves, a significant portion of fleet failed to perform.
- PJM generation outages peaked at ~46,000 MW of capacity on December 24.

## **PJM Demand Response Events**

- December 23, 2023
  - Two Synchronized Reserve Events
    - 10:14 AM
    - 4:17 PM
  - Emergency Load Management Event (EEA2)
    - 5:45 PM 9:30 PM
- December 24, 2023:
  - Three Synchronized Reserve Events
    - 12:04 AM
    - 2:23 AM
    - 4:23 AM
  - Emergency Load Management Event (EEA2)
    - 4:20 AM 8:30 PM

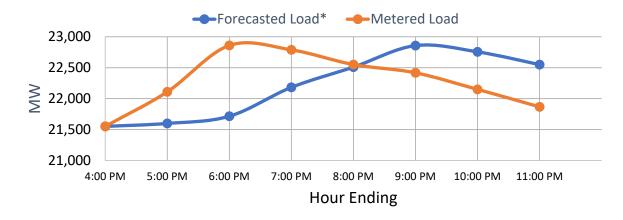
## **AEP Interruptible Notices**

- In response to PJM's emergency events, AEP issued interruption notices to participants in their interruptible programs:
  - Interruptible Power Rider Discretionary Legacy (IRP-L)
  - Interruptible Power Rider Discretionary Expanded (IRP-E)
- IRP-L and IRP-E are scheduled to sunset with the June 1, 2024 billing cycle at the end of AEP's ESP IV.

## **AEP 1 CP Peak Load-To-Date**

Date	Load (MW)	Hour Ending	Brakey Energy Alert Issued	Assigned Probability
12/23/22	22,783*	6:00 PM	Yes	35%
12/24/22	21,460	9:00 AM	Yes	10%

<sup>\*</sup>Highest load in the AEP Zone since February 2015.



Load on December 23 could set AEP's 1 CP for Nov 1, 2022 – Oct 31, 2023 period.





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# **QUESTIONS?**

#### **Biographical Information**

# James F. Loder, Director of Energy Management Pixelle Specialty Solutions LLC, 228 S. Main Street, Spring Grove, PA 17362 717-225-2887 James.Loder@pixelle.com

Jim started his energy career with Pacific, Gas and Electric in Merced, California in 1982 as an energy conservation engineer. Jim progressed at PG&E as a planning engineer, PURPA interconnection coordinator and positions in Account Management, Marketing and Sales. Jim joined Allegheny Energy in Greensburg, PA in 1996 working primarily in the Energy Trading and Structured Products groups for AYE's unregulated power generation affiliate, Allegheny Energy Supply. Jim's primary responsibilities at Supply were structured commodity product sales to industrial, commercial and wholesale customers.

Jim joined Pixelle Specialty Solutions LLC (formerly P.H. Glatfelter) in Spring Grove, Pennsylvania in 2008 as the Global Director of Energy Management. Jim's primary responsibilities for Pixelle Specialty Solutions LLC's energy intensive paper mills include power generation sales, energy rates and tariff review, regulatory and legislative participation and energy efficiency initiatives. Jim is also responsible for the development and expansion of Pixelle Specialty Solutions LLC's renewable energy portfolio.

Jim is a graduate of Penn State with a B.S. In Mechanical Engineering and received an MBA from Holy Names College in Oakland, California.

#### Katie Emling, Energy Analyst, Brakey Energy 8584 East Washington St #213, Chagrin Falls, OH 44023 440-454-3031 kemling@brakeyenergy.com

Katie is an Energy Analyst at Brakey Energy. Brakey Energy provides commission-free, comprehensive energy management services to approximately 90 energy-intensive businesses and institutions that operate in the state of Ohio. Brakey Energy helps these users lower their energy costs through energy bill audits, electric generation and natural gas procurement, peak demand management, energy efficiency analysis, and managing regulatory issues.

Brakey Energy clients include commercial buildings, manufacturers, universities, and institutional users. Representative clients include the Cleveland Cavaliers, the Cleveland Guardians, Progressive Casualty Insurance, American Greetings, Sauder Woodworking, Ohio Star Forge, John Carroll University, and the Greater Cleveland Transit Authority.

Katie is an experienced energy efficiency professional and Certified Energy Manager® through the Association of Energy Engineers. In her role as an Energy Analyst with Brakey Energy, Katie is responsible for reporting and communicating bill analyses and regulatory issues that affect the quality and cost of energy. She monitors activity at the Public Utilities Commission of Ohio and state legislature, and then identifies issues that may impact clients' energy costs. Katie also analyzes customers' usage and billing data to ensure accuracy and identify savings opportunities.

Katie joined Brakey Energy in January 2018. Prior to Brakey Energy, Katie spent almost five years as an Energy Engineer in Michigan for DNV GL and Consumers Energy. Her work included managing the Michigan utility's New Construction Incentive Program for commercial and industrial customers and assisting in the launch and operation of the utility's commercial and industrial demand response programs.

Katie holds an M.S. in civil engineering from Carnegie Mellon University and a B.S. in engineering physics from John Carroll University, where she was a dual sport athlete. Outside of work, Katie enjoys spending time with her family, working in her family's greenhouses, baking, and cooking.

#### **Biographical Information**

## David Proaño, Regulatory Counsel, Industrial Energy Users-Ohio and Partner, BakerHostetler LLP

David Proaño represents clients in the utility and energy industries on regulatory compliance, commission investigations, retail energy contracts, commercial disputes and business issues, and has years of experience with multiple facets of the retail energy industry. David routinely appears and practices before the Public Utilities Commission of Ohio on regulatory and litigated matters and has served as lead defense counsel in several major PUCO investigations of certified retail energy suppliers.

David also represents energy brokers and commercial and industrial energy consumers on regulatory and business issues and serves as outside general counsel for a major energy broker. David combines candid advice, strong writing skills and powerful advocacy to achieve the best possible outcomes for his clients.

David is also an advocate for his clients before federal and state trial and appellate courts, bankruptcy courts, and arbitration panels. David has a proven track record representing clients on major matters involving a wide range of commercial disputes, including fraudulent financial transactions, electricity and energy contracts, steel supply contracts, tier 1 automotive supply contracts, property easements, insurance coverage, banking regulations, environmental liability, and professional misconduct. David has also defended large companies in class action lawsuits.

In addition to an active regulatory and litigation practice, David devotes considerable time and effort serving the Cleveland community and representing pro bono clients. He served as the president of the board of directors of Esperanza, a nonprofit organization that supports Hispanic educational achievement through scholarships and mentoring. David is also committed to the advancement of inclusion and diversity at BakerHostetler and in the legal profession, and to that end serves as the leader of BakerHostetler's Hispanic/Latinx Affinity Group and also serves on the firm's Diversity Council and Diversity and Inclusion Committee. Crain's Cleveland Business recognized David as one of its "Forty Under 40" for his professional accomplishments and community service. David was born in Quito, Ecuador, served in the Peace Corps in the Dominican Republic, and is conversant in Spanish.

#### Select experience includes:

- Successfully represented steel manufacturer in administrative trial before PUCO involving demand by a large electric utility company for millions of dollars in security on a commercial electricity supply contract. PUCO not only found in favor of the client but mandated a review by the electricity utility of its policies and procedures.
- Regulatory counsel to competitive retail electricity supplier in Ohio, with experience advising client on all aspects of retail electricity marketing and sales in the state and compliance with PUCO regulations.
- Litigation counsel to large national energy company pursuing and defending environmental and administrative claims in different forums, including before Ohio Environmental Review Appeals Commission and state courts.

## **Biographical Information**

#### Jaime Mayhan, Director Regulatory Services, AEP Ohio

Jaime is responsible for directing the preparation and presentation of regulatory matters to management as well as regulatory bodies. She plans, organizes, and directs team activities to develop and support pricing structures, rider and true-up filings, maintenance of tariffs, pilot programs, special contracts, and other pricing initiatives depending on assigned function. She has 18 years' experience with AEP working in various roles including Accounting, Finance, Commercial Services, and Regulatory.

#### Rich Williamson, Regulatory Pricing & Analysis Manager, AEP Ohio

Rich has been with AEP Ohio since May 2020 and he's responsible for assisting in the development, analysis, revision, and administration of the Company's tariff schedules, rate designs, and policies. He also evaluates regulatory and legislative initiatives, and Public Utilities Commission of Ohio ("Commission") orders that impact the Company's retail rates and regulatory policies. Additionally, he provides the Company's responses to customer complaints that are submitted to the Commission as either formal or informal complaints. He has approximately 20 years' experience with AEP working in various roles in Audit Services, Accounting, Financial Reporting and Regulatory.

#### Curt Heitkamp, Regulatory Case Manager, AEP Ohio

Curt's responsibilities include the preparation and presentation of regulatory and pricing matters to management as well as regulatory bodies. Developing and support pricing structures, riders and true-up filings, maintenance of tariffs, Ohio Administrative Code compliance, and other regulatory and pricing initiatives.

#### Michael McCulty, Regulatory Consultant Principal, AEP Ohio

Mike's responsibilities include the preparation and presentation of regulatory and pricing matters, development and support of riders and true-up filings. Additional responsibilities include commodity sourcing management in all aspects of AEP Ohio's obligation to procure power to meet its standard service requirements regarding all facets of the Standard Service Offer ("SSO") procurement auctions and Percentage of Income Payment Plan ("PIPP") request for proposal.