

GENERAL INFORMATION

April 8, 2019

CALENDAR

MEETING AGENDAS/CANCELLATIONS FOR THE WEEK

Monday, April 8th

Electric Committee – Canceled

Board of Public Affairs – Canceled

Water, Sewer, Refuse, Recycling & Litter Committee – Canceled

Municipal Properties, Building, Land Use and Economic Development Committee – Canceled

Tuesday, April 9th

Planning Commission @5:00 pm

Board of Zoning Appeals – Canceled

Friday, April 12th

Healthcare Cost Committee @8:00 am

INFORMATIONAL ITEMS

1. Memorandum from Joel regarding *Anticipated Electric Rate Increase for September*.
2. A copy of the *City of Napoleon Power Supply Update ~ March 15, 2019*.
3. Spring Seasonal Cleanup Press Release.
4. AMP Update/March 26, 2019.
5. OML Legislative Bulletin/April 5, 2019.

April 2019						
Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
	1 5:00 pm Planning Comm. 6:30 pm Housing Council 6:45 pm Public Hearing 7:00 pm City Council	2	3	4	5	6
7	8	9 5:00 pm Planning Comm.	10 11:00 am Bid Openings (3)	11	12 8:00 am Healthcare Cost Committee	13
14	15 6:00 pm Parks Rec Comm 6:00 pm Tree Commission 7:00 pm City Council	16	17	18	19 Good Friday CITY OFFICES CLOSED	20
21 Easter	22 6:30 pm Finance & Budget 7:30 pm Safety & Human Resources	23 4:30 pm Civil Service	24 6:30 pm Parks & Rec Board	25	26 Arbor Day	27 10:00 am Arbor Day Celebration at Oakwood Park
28	29	30 4:00 pm Civil Service Commission-Spec Mtg	Notes: SPRING Cleanup Week [April 29 - May 3]			



City of Napoleon, Ohio

255 West Riverview Avenue, P.O. Box 151

Napoleon, OH 43545

Telephone: (419) 599-1235 Fax: (419) 599-8393

www.napoleonohio.com

Memorandum

To: City Council, Mayor, City Manager, Interim
Finance Director, City Law Director,
Department Supervisors, Newsmedia

From: Roxanne Dietrich, Interim Clerk of Council

Date: April 4, 2019

Subject: Electric Committee – Cancellation

The regularly scheduled meeting of the ELECTRIC COMMITTEE for Monday, April 08, 2019 at 6:15 pm has been *canceled* at the direction of the chair.



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Memorandum

To: Board of Public Affairs, City Council, Mayor, City Manager, Interim Finance Director, City Law Director, Department Supervisors, Newsmedia

From: Roxanne Dietrich, Interim Clerk of Council

Date: April 4, 2019

Subject: Board of Public Affairs – Cancellation

The regularly scheduled meeting of the BOARD OF PUBLIC AFFAIRS for Monday, April 08, 2019 at 6:15 pm has been *canceled* at the direction of the chair.



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Memorandum

To: Mayor & City Council, City Manager, City Law
Director, Interim Finance Director, Department
Supervisors, Newsmedia
From: Roxanne Dietrich, Interim Clerk of Council
Date: April 4, 2019
Subject: Water, Sewer, Refuse, Recycling and Litter
Committee – Cancellation

The regularly scheduled meeting of the Water, Sewer, Refuse, Recycling and Litter Committee for Monday, April 08, 2019 at 7:00 pm has been CANCELED due to lack of agenda items.



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Memorandum

To: *City Council, Mayor, City Manager, Interim Finance Director, City Law Director, Department Supervisors, Newsmedia*

From: *Roxanne Dietrich, Interim Clerk of Council*

Date: *April 4, 2019*

Subject: *Municipal Properties, Building, Land Use and Economic Development Committee – Cancellation*

The regularly scheduled meeting of the MUNICIPAL PROPERTIES, BUILDING, LAND USE AND ECONOMIC DEVELOPMENT COMMITTEE for Monday, April 8, 2019 at 7:30 pm has been CANCELED due to lack of agenda items.

City of Napoleon, Ohio
PLANNING COMMISSION


Meeting Agenda

Tuesday, April 09, 2019 at 5:00 pm

PC 19-04 - PRELIMINARY PLAT OF SUBDIVISION – NAPOLEON SENIOR HOUSING

LOCATION: Council Chambers, 255 West Riverview Avenue, Napoleon, Ohio

- 1) Approval of Minutes: April 1, 2019. (In the absence of any objections or corrections, the Minutes shall stand approved.)
- 2) New Business.
 - a. PC 19-04 – Preliminary Plat of Subdivision – Napoleon Senior Housing
An Application for Public Hearing has been filed by Stock Development Company, LLC (John Stock). The Applicant is requesting the approval of a Preliminary Plat of Subdivision for a Planned Residential Development. The request is pursuant to Chapter 1105 of the Codified Ordinances of Napoleon, Ohio. The property is located in an R-3 Moderate Density Residential Zone.
- 3) Adjournment.


Roxanne Dietrich
Interim Clerk of Council



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Memorandum

To: Board of Zoning Appeals, City Council, Mayor, City
Manager, City Law Director, Interim Finance
Director, Department Supervisors, Newsmedia
From: Roxanne Dietrich, Records Clerk
Date: April 04, 2019
Subject: BZA – Cancellation

The regularly scheduled meeting of the Board of Zoning Appeals set for Tuesday, April 9, 2019 at 4:30 pm has been CANCELED due to lack of agenda items.

City of Napoleon, Ohio

HEALTHCARE COST COMMITTEE

Meeting Agenda

Friday, April 12, 2019 at 8:00 am

LOCATION: Council Chambers, 255 W. Riverview Avenue, Napoleon, Ohio 43545

- 1) Approval of Minutes: January 25, 2019. (In the absence of any objections or corrections, the Minutes shall stand approved.)
- 2) BORMA Meeting Update.
- 3) Any other matters currently assigned to the Committee.
- 4) Adjournment.



Roxanne Dietrich
Interim Clerk of Council



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Web Page: www.napoleonohio.com

MEMORANDUM

Mayor

Jason Maassel

Members of Council

PRESIDENT:

Joseph Bialorucki

PRESIDENT PRO-TEM:

Daniel Baer

Travis B. Sheaffer

Jeff Comadoll

Kenneth Haase

Jeff Mires

Lori Sicclair

DATE: April 4, 2019
TO: Joseph Bialorucki, Council President
Council Members
Jason Maassel, Mayor
FROM: Joel L. Mazur, City Manager
SUBJECT: Anticipated Electric Rate Increase for
September

Council President, Council Members and Mayor,

City Manager

Joel L. Mazur

Assistant Finance

Director

Christine Peddicord

Law Director

Billy D. Harmon

Public Works

Director

Chad E. Lulfs, P.E., P.S.

The AMP Power Supply and Finance sections have informed the Prairie State participants that we are likely going to see a rate increase in September due to a planned outage for maintenance. Participants took no action on a temporary 10-month inflation of rates to lessen the short term impact of anticipated rate spike during the September billing month. Participants are all impacted differently.

For Napoleon, we estimate that we will see a \$2.43/MWH increase in our overall electric rate for September, which is about \$0.81/MWH for the 3-month rolling average. This equates to an increase of about \$0.86 each month during the 3 months effected for an average residential customer. The rate payers will see this increase in the months of November, December and January.



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Chad E. Lulfs, P.E., P.S.

DATE: April 4, 2019
TO: Joe Bialorucki, Council President
Council Members
Jason Maassel, Mayor
FROM: Joel L. Mazur, City Manager
SUBJECT: 2019 Power Supply

Council President, Council Members and Mayor,

In your packet you will find a copy of the 2019 City of Napoleon Power Supply presentation from AMP. Please contact me if you have any questions. Thank you!

City of Napoleon Power Supply Update March 15, 2019



Craig Kleinhenz - Director of Power Supply Planning

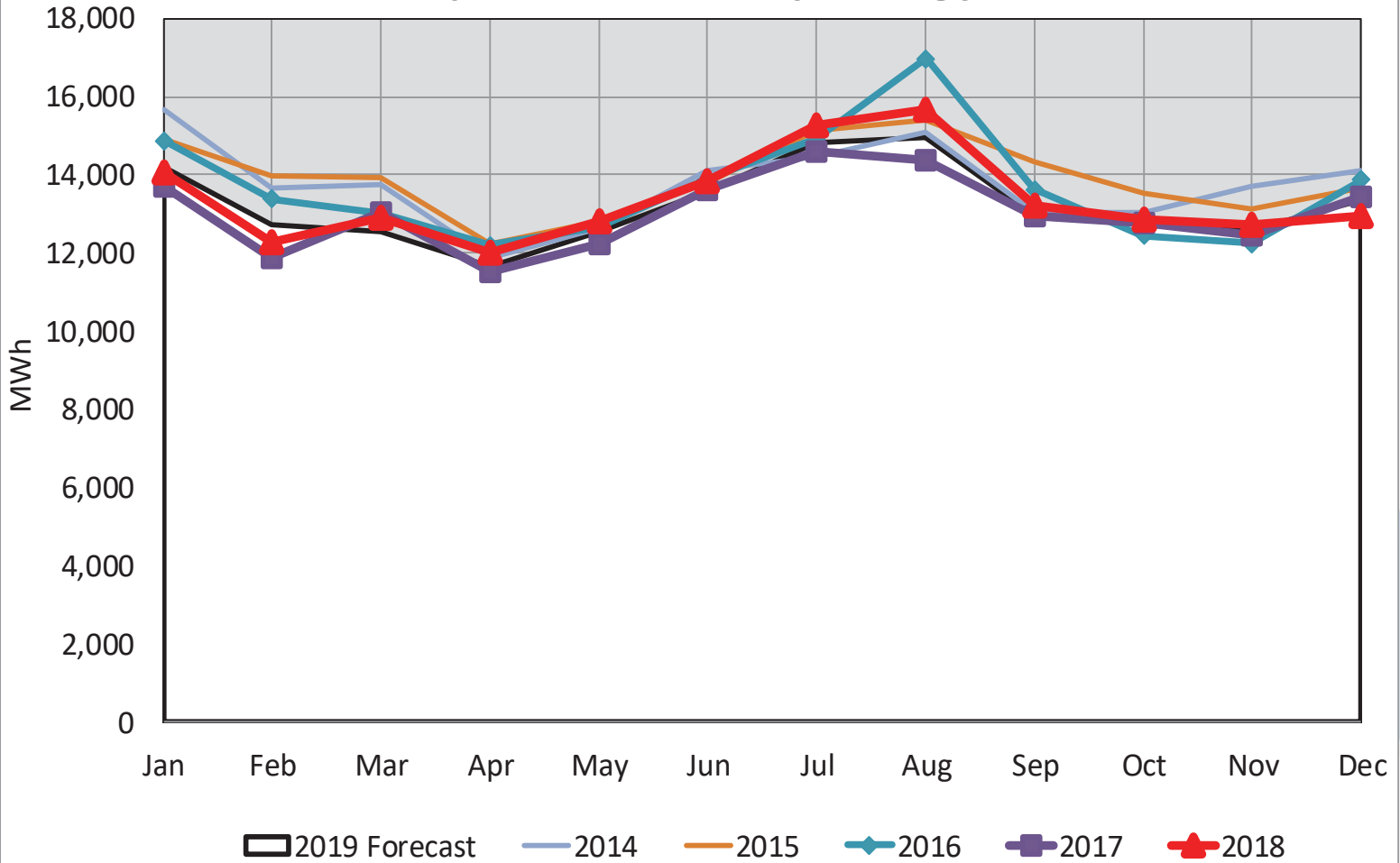
Energy

- Napoleon used 158,128 MWh in '18
- Napoleon used 160,591 MWh in '17
- Napoleon used 156,511 MWh in '16
- Napoleon used 164,069 MWh in '15

- 2019 forecast is 158,773 MWh

- Future load growth = 0.49%

Napoleon Monthly Energy



Demand

Napoleon	2018	2017	2016	2015
Peak Demand (MW)	32.81	31.43	33.23	31.62
Month & Day	Sep 04	Jun 13	Aug 11	Jul 29
Hour Ending (EST)	18	16	17	14
Temp. During Peak	93°	96°	93°	91°

Toledo Weather Data

Hour Ending 17 Example = The hour lasting from 4:00 P.M. to 5:00 P.M.

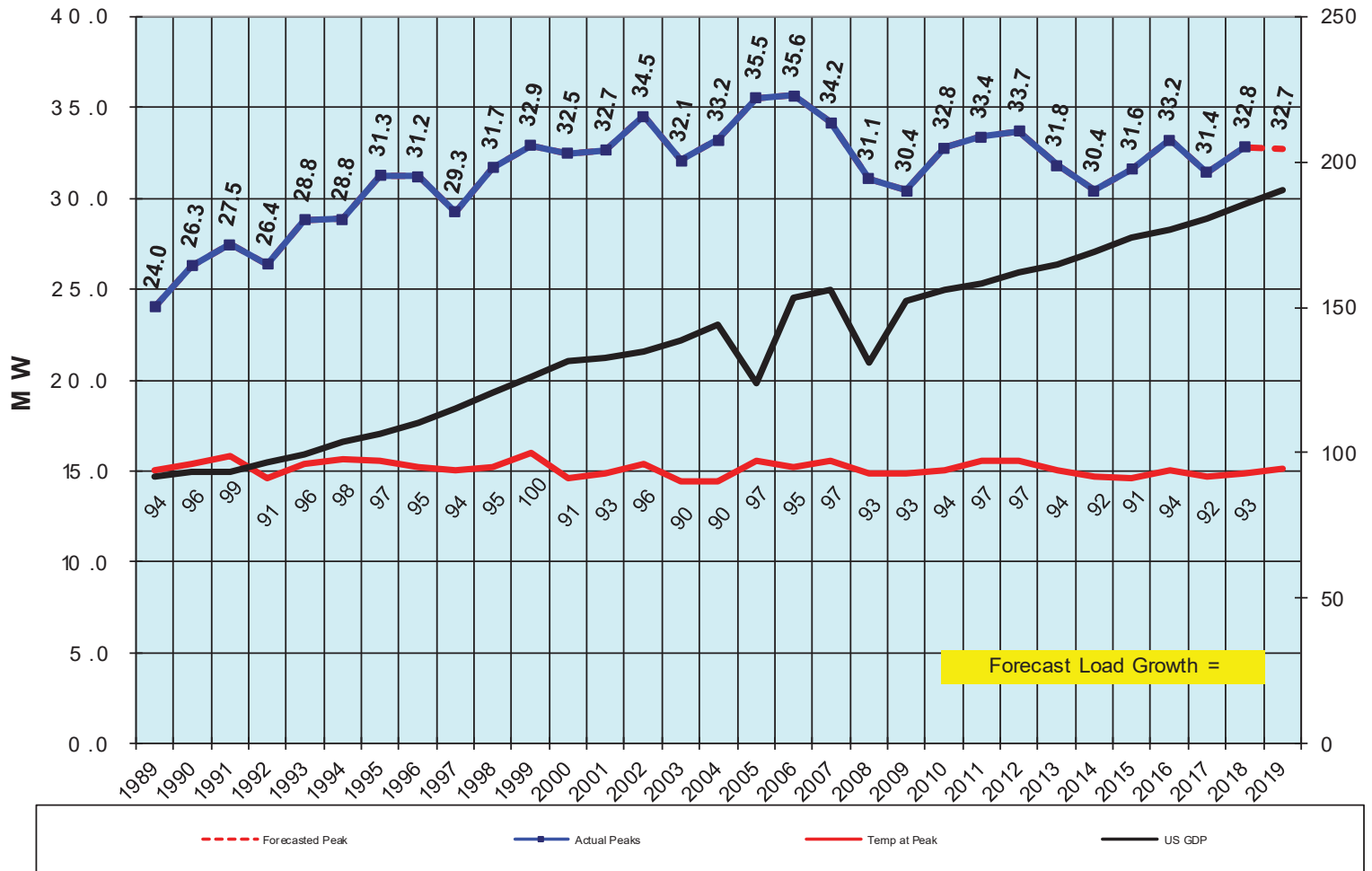
EST = Eastern Standard Time

EDT = Eastern Daylight Time

During summer months, EST equals EDT minus 1 hour

HE 16 EST = HE 17 EDT

Napoleon Peak Loads



Delivery of Power (3 types of charges)

- **Energy**

- Kilowatt-hours consumed by customers and produced by generators
 - Variable cost (\$ / MWh, cents / kWh)

- **Installed Capacity**

- Ensuring that there is enough generation in place to supply customers during period of maximum usage
 - Fixed cost (\$/ kW-mo)

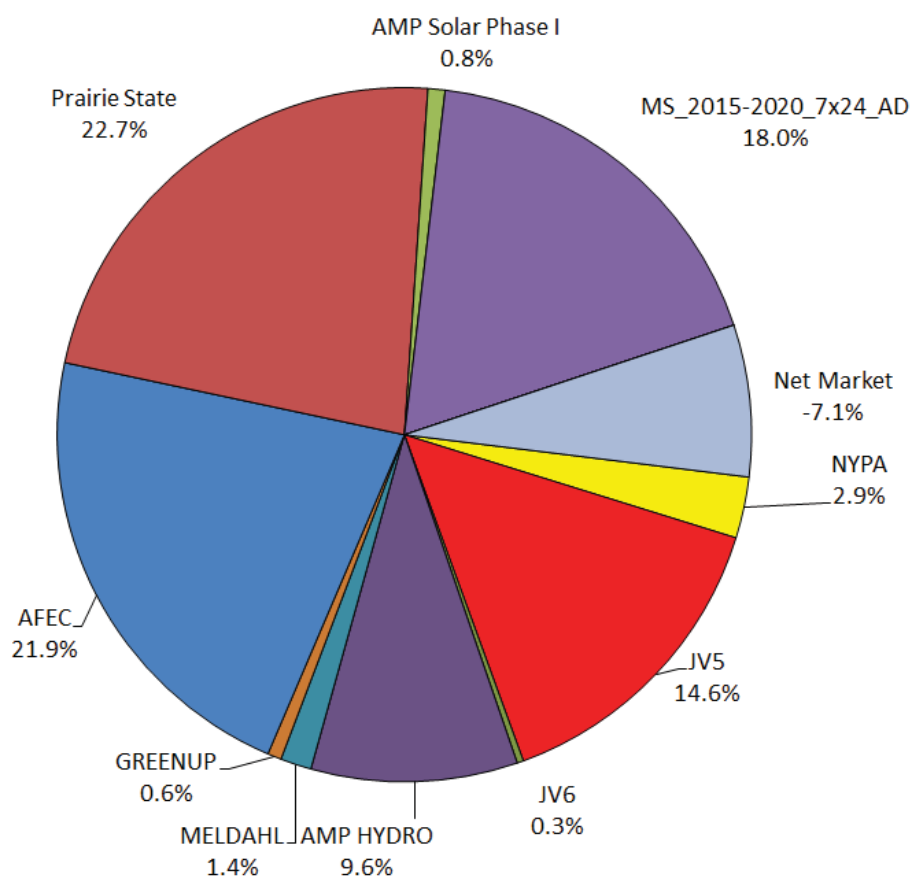
- **Transmission**

- High Voltage (>69 kV) electric lines connecting generators to municipal system
 - Fixed cost (\$/ kW-mo)

Power Sources

Napoleon 2019 Energy Sources

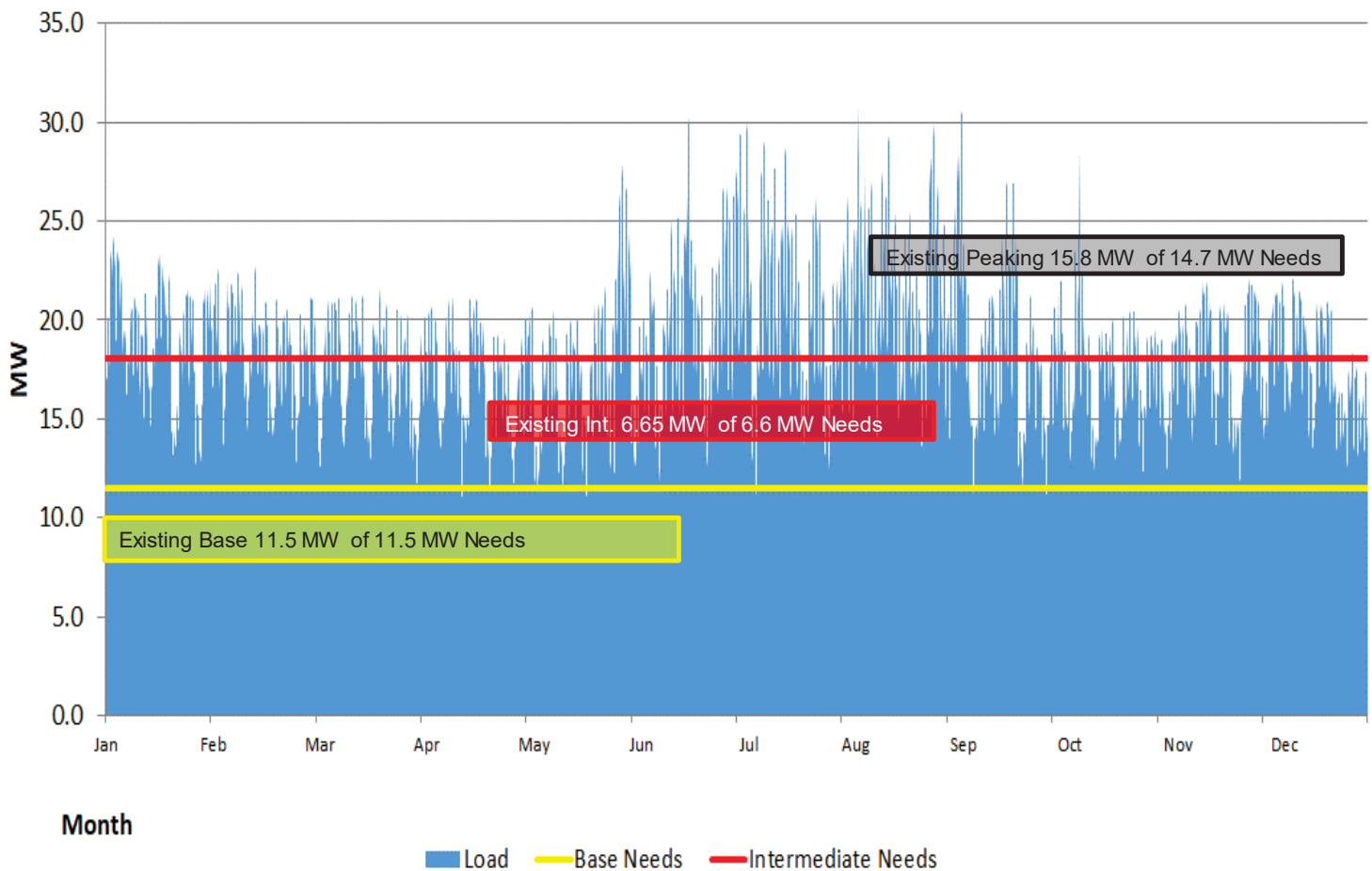
26%
Renewable
Resources



Member Power Portfolio Strategy

- **Provide rate stability to customers**
- Diversify portfolio to mitigate risks
- Balance long and short term purchases:
 - Long term provides hedge against rising prices
 - Short term allows for opportunity to take advantage of lower prices
- Balance peaking, intermediate and base load resources

Napoleon 2018 Hourly Load and Long Term Resources



NYPA Power

- New York Power Authority
- Two federal hydro projects in New York (Niagara Project and St. Lawrence Project)
 - License extended through 2027
- Energy allocated to Members based on total number of 2002 residential meters
- Members receive Installed Cap.
- Approximately \$20 / MWh net rate



Prairie State

- 1582 MW Mine Mouth Coal Fired plant (two units) located in Southern Illinois (MISO)
 - AMP participation = 368 MW
 - Includes 30 years of coal reserves on-site and MISO transmission
 - Project power delivered at PJM/MISO border
 - Project includes replacement power for planned outages
 - 2019 Net Rate with Capacity Revenue = \$51 / MWh

Prairie State Budgeted Rates

Year	Effective Rate
2018	\$60.66
2019	\$55.51
2020	\$61.61
2021	\$62.48
2022	\$63.60
2023	\$64.78



Prairie State

Participant	kW	Percentage	Participant	kW	Percentage
Amherst	4,976	1.35%	Marshall	1,990	0.54%
Arcadia	199	0.05%	Martinsville	5,772	1.57%
Arcanum	1,194	0.32%	Mendon	398	0.11%
Beach City	398	0.11%	Milan	995	0.27%
Bedford	7,862	2.14%	Minster	6,966	1.89%
Bloomdale	199	0.05%	Monroeville	995	0.27%
Bowling Green	35,000	9.51%	Montpelier	2,488	0.68%
Bradner	199	0.05%	Napoleon	4,976	1.35%
Bryan	7,500	2.04%	New Bremen	5,971	1.62%
Carey	1,990	0.54%	New Knoxville	149	0.04%
Celina	14,928	4.06%	New Martinsville	995	0.27%
Cleveland	24,880	6.76%	Newton Falls	1,990	0.54%
Clyde	2,986	0.81%	Niles	2,886	0.78%
Coldwater	9,952	2.70%	Oak Harbor	995	0.27%
Columbiana	4,379	1.19%	Ohio City	299	0.08%
Cuyahoga Falls	9,952	2.70%	Orrville	4,976	1.35%
Danville	49,760	13.52%	Painesville	9,952	2.70%
Deshler	746	0.20%	Pemberville	498	0.14%
Dover	4,976	1.35%	Pioneer	995	0.27%
Edgerton	995	0.27%	Piqua	19,904	5.41%
Eldorado	199	0.05%	Plymouth	498	0.14%
Elmore	498	0.14%	Prospect	100	0.03%
Front Royal	5,971	1.62%	Republic	199	0.05%
Galion	9,952	2.70%	Richlands	2,588	0.70%
Genoa	896	0.24%	Shelby	3,981	1.08%
Grafton	1,294	0.35%	Shiloh	398	0.11%
Greenwich	498	0.14%	St. Marys	3,881	1.05%
Hamilton	35,000	9.51%	Sycamore	299	0.08%
Holiday City	995	0.27%	Tipp City	9,952	2.70%
Hubbard	1,294	0.35%	Versailles	3,981	1.08%
Hudson	9,952	2.70%	Wapakoneta	2,986	0.81%
Jackson	8,161	2.22%	Waynesfield	498	0.14%
Jackson Center	1,393	0.38%	Wellington	3,981	1.08%
Lakeview	796	0.22%	Woodville	498	0.14%
			Total	368,000	100.00%

JV6 Wind Project (7.2 MW)

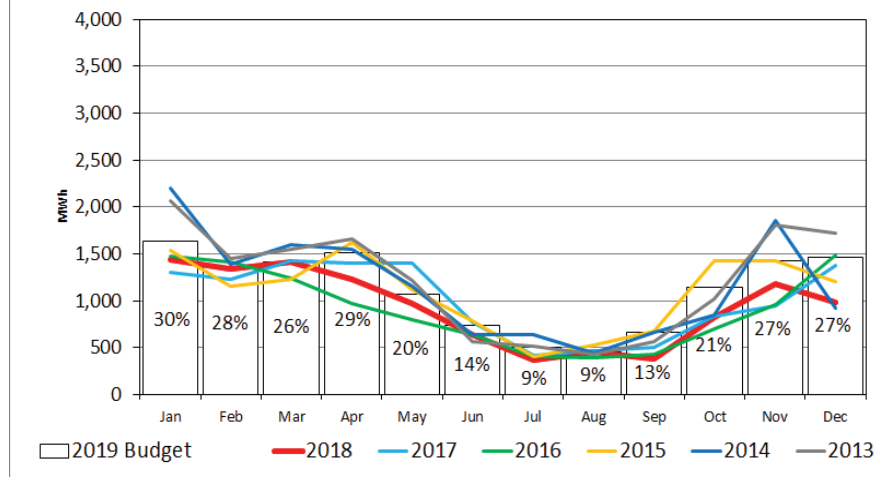
- Four wind turbines in Bowling Green (Online 2003)
- Debt paid off in July 2015



JV6 Project Rates

	Effective Rate
2019	\$17.42
2020	\$18.01
2021	\$18.74
2022	\$19.48
2023	\$20.31

JV6 2019 Monthly Deliveries / Capacity Factor

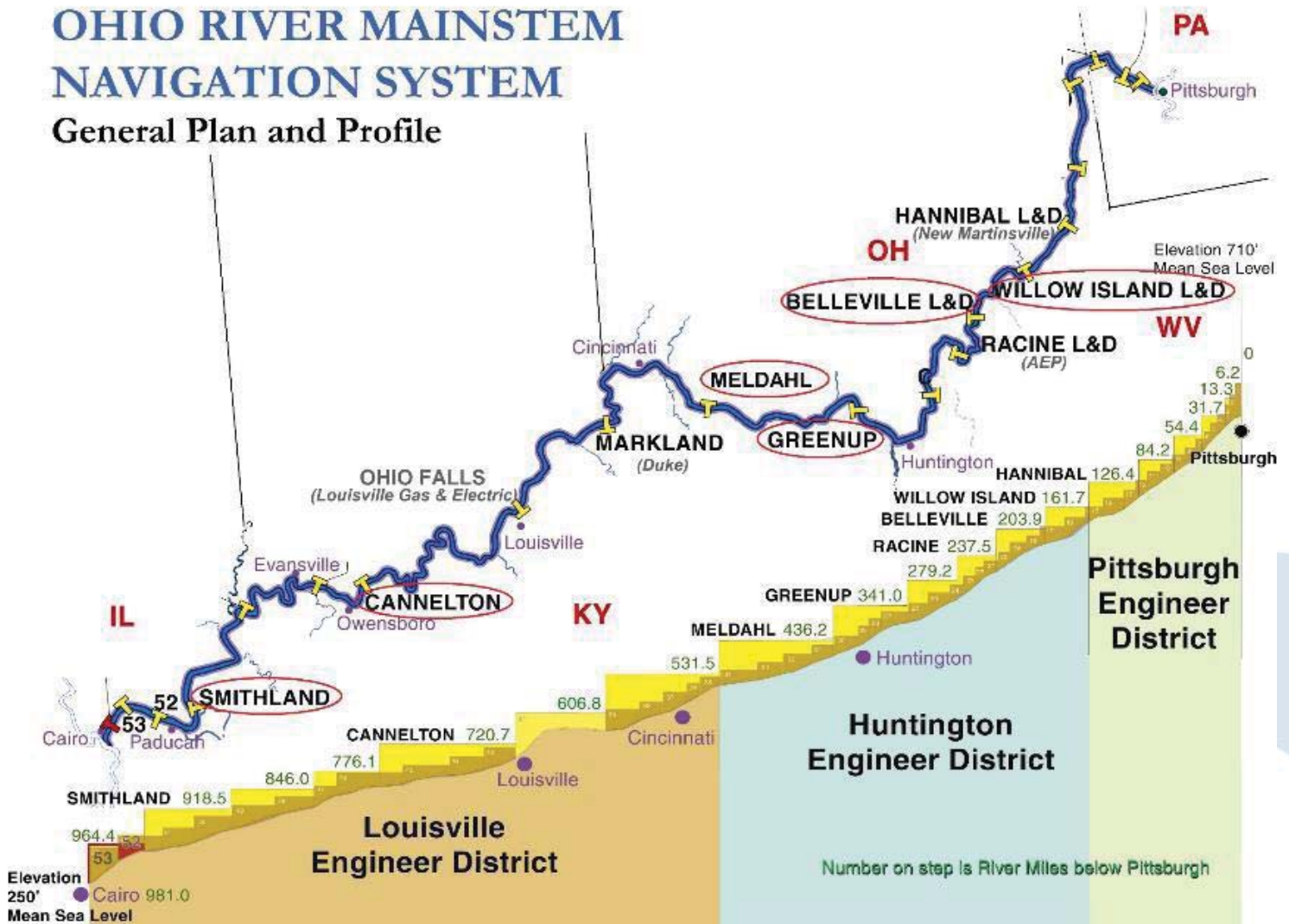


JV6 Ownership

Participant	kW	Percentage
Bowling Green	4,100	56.94%
Cuyahoga Falls	1,800	25.00%
Edgerton	100	1.39%
Elmore	100	1.39%
Monroeville	100	1.39%
Montpelier	100	1.39%
Napoleon	300	4.17%
Oberlin	250	3.47%
Pioneer	100	1.39%
Wadsworth	250	3.47%
TOTAL	7,200	100.00%

OHIO RIVER MAINSTEM NAVIGATION SYSTEM

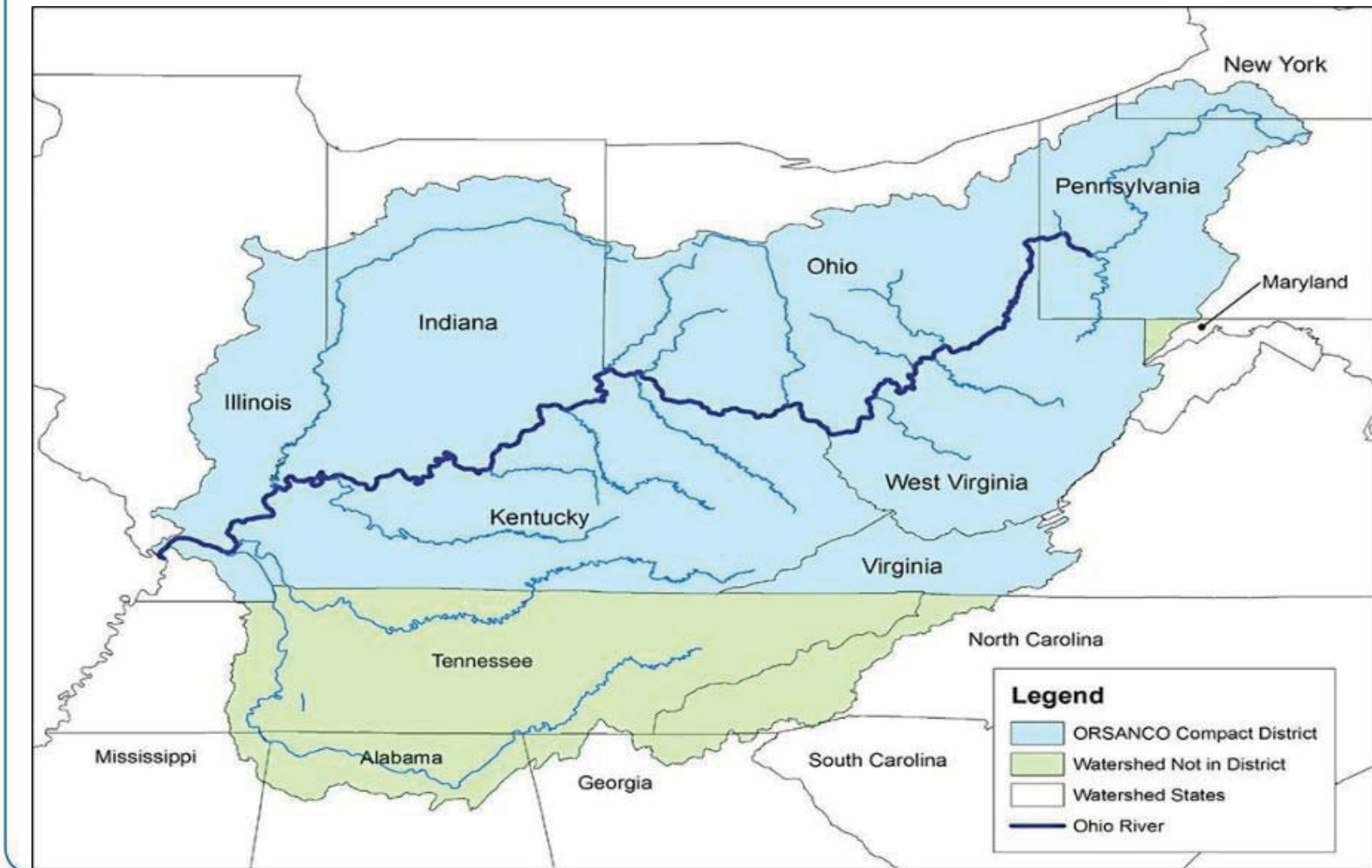
General Plan and Profile



Run of the River Hydro



Ohio River Watershed

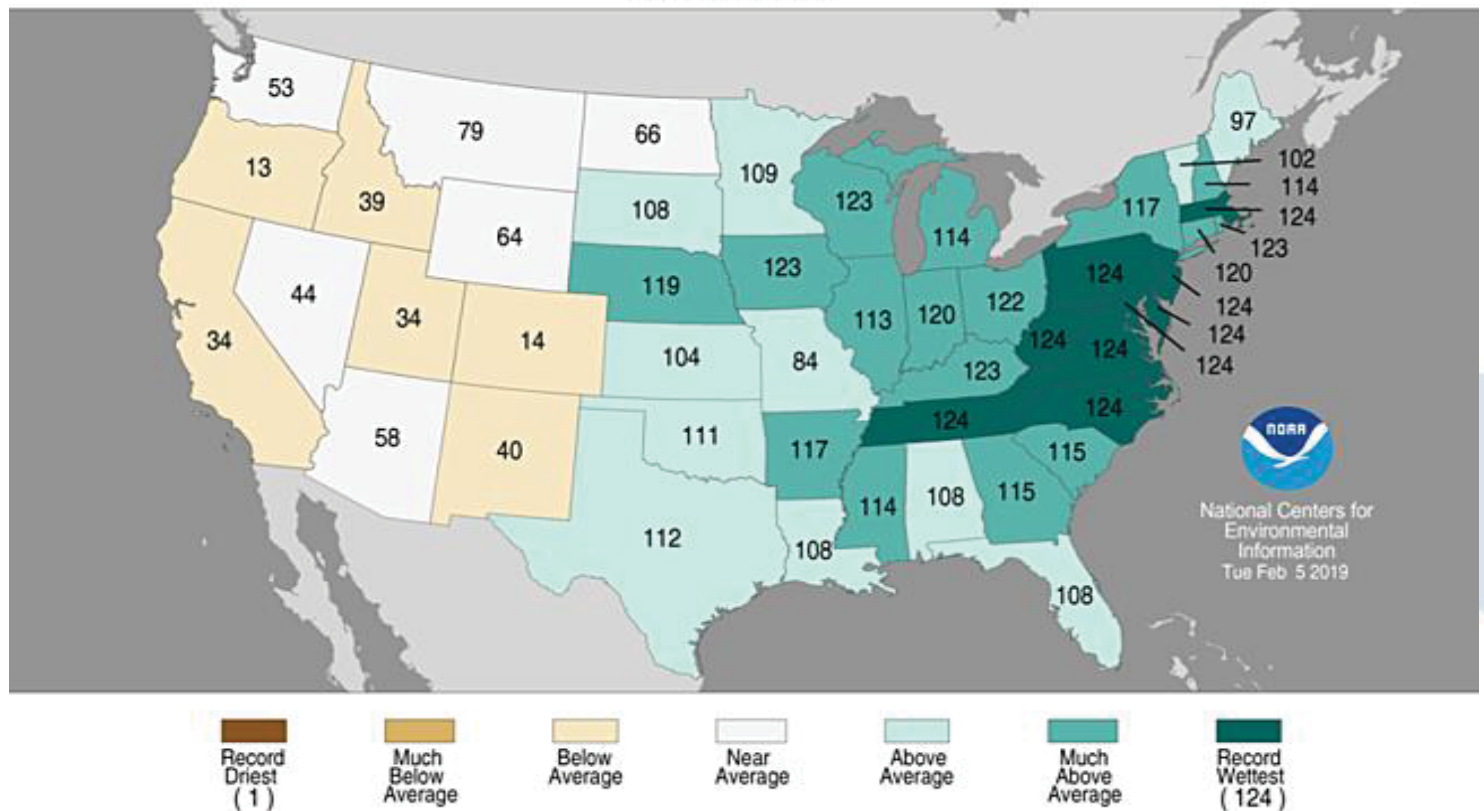


Record Rainfall in 2018

Statewide Precipitation Ranks

January–December 2018

Period: 1895–2018



Belleville JV5 Power (42 MW)

- Hydro power from two units
 - (online 1999)
- Debt goes through 2029
- Delivered at 100% capacity factor (includes fixed price replacement)
 - Replacement is approximately 30% of Project energy
- 2019 Rate with Capacity, Transmission & REC Revenue = \$35 / MWh

JV5 Project Rates	Debt + Demand	Energy
	\$/kW-Mo	\$/MWh
2019	\$28.00	\$13.98
2020	\$26.33	\$13.31
2021	\$26.93	\$14.22
2022	\$31.86	\$14.35
2023	\$31.32	\$14.47



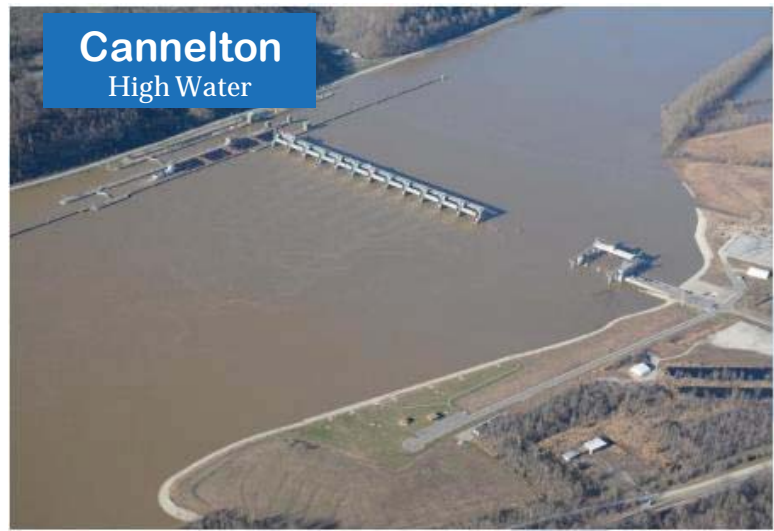
JV5 Ownership

Participant	kW	Percentage		Participant	kW	Percentage
Arcadia	46	0.11%		Lucas	54	0.13%
Arcanum	352	0.84%		Milan	163	0.39%
Beach City	128	0.30%		Minster	837	1.99%
Bowling Green	6,608	15.73%		Monroeville	427	1.02%
Bradner	145	0.35%		Montpelier	850	2.02%
Brewster	333	0.79%		Napoleon	3,088	7.35%
Bryan	919	2.19%		New Bremen	1,000	2.38%
Columbiana	696	1.66%		Niles	4,463	10.63%
Custar	24	0.06%		Oak Harbor	396	0.94%
Cuyahoga Falls	7,000	16.67%		Oberlin	1,270	3.02%
Edgerton	385	0.92%		Pemberville	386	0.92%
Eldorado	35	0.08%		Pioneer	321	0.76%
Elmore	244	0.58%		Prospect	115	0.27%
Genoa	288	0.69%		Republic	35	0.08%
Grafton	269	0.64%		Seville	344	0.82%
Haskins	56	0.13%		South Vienna	45	0.11%
Hubbard	871	2.07%		Versailles	460	1.10%
Hudson	2,388	5.69%		Wadsworth	2,360	5.62%
Jackson	3,000	7.14%		Waynesfield	35	0.08%
Jackson Center	281	0.67%		Wellington	679	1.62%
Lodi	395	0.94%		Woodville	209	0.50%
				TOTAL	42,000	100.00%

AMP Hydro (208 MW)

AMP-Hydro Rates	Project Rate
2018	\$158.95
2019	\$144.60
2020	\$143.83
2021	\$142.27
2022	\$142.92
2023	\$143.96

- Capacity and RECS included in rate
- Delivery point is PJM/MISO Border
- Annual Capacity Factor 58%
- 2019 billed at:
 - \$48.52 / kW-mo demand charge
 - \$30 / MWh energy charge



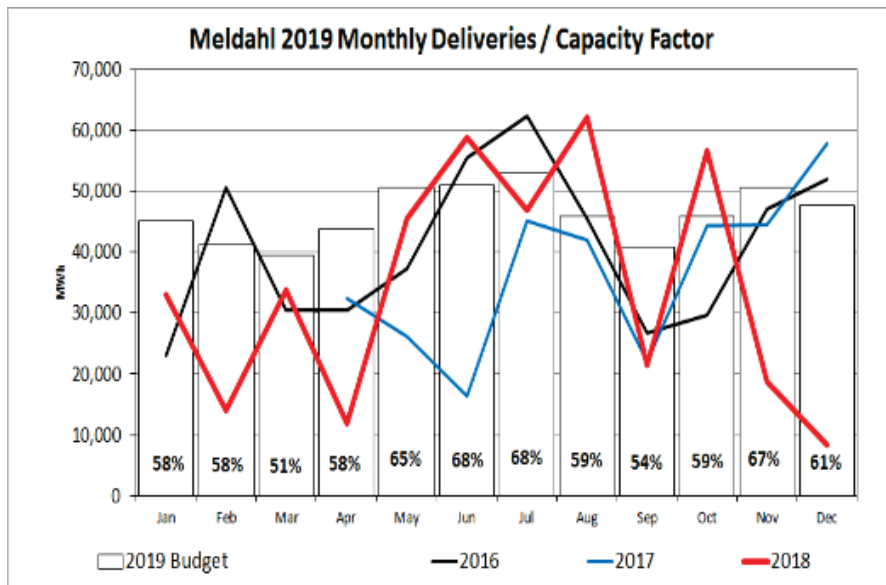
AMP Hydro Ownership

Participant	kW	Percentage	Participant	kW	Percentage
Amherst	2,398	1.15%	Milan	100	0.05%
Arcadia	100	0.05%	Minster	2,398	1.15%
Arcanum	400	0.19%	Monroeville	1,399	0.67%
Beach City	400	0.19%	Montpelier	1,799	0.86%
Bloomdale	100	0.05%	Napoleon	3,498	1.68%
Bowling Green	19,986	9.61%	New Bremen	700	0.34%
Bradner	200	0.10%	New Knoxville	300	0.14%
Brewster	1,199	0.58%	New Martinsville	799	0.38%
Bryan	1,800	0.87%	Newton Falls	1,299	0.62%
Carey	1,800	0.87%	Niles	1,800	0.87%
Celina	4,497	2.16%	Oak Harbor	500	0.24%
Cleveland	35,000	16.83%	Oberlin	2,598	1.25%
Clinton	700	0.34%	Ohio City	100	0.05%
Clyde	4,197	2.02%	Orrville	5,896	2.83%
Coldwater	6,496	3.12%	Paducah	7,550	3.63%
Columbiana	1,899	0.91%	Painesville	4,997	2.40%
Custar	100	0.05%	Pemberville	100	0.05%
Cuyahoga Falls	7,294	3.51%	Philippi	700	0.34%
CVEC	0	0.00%	Pioneer	999	0.48%
Cygnnet	100	0.05%	Piqua	5,996	2.88%
Danville	22,084	10.62%	Plymouth	300	0.14%
Deshler	999	0.48%	Princeton	1,450	0.70%
Dover	5,197	2.50%	Prospect	200	0.10%
Edgerton	799	0.38%	Republic	100	0.05%
Eldorado	100	0.05%	Richlands	1,499	0.72%
Elmore	300	0.14%	Seville	1,800	0.87%
Front Royal	1,800	0.87%	Shelby	2,598	1.25%
Galion	1,800	0.87%	Shiloh	100	0.05%
Genoa	200	0.10%	South Vienna	100	0.05%
Grafton	899	0.43%	St. Clairsville	1,099	0.53%
Greenwich	500	0.24%	St. Marys	4,297	2.07%
Hillsdale	3,398	1.63%	Sycamore	200	0.10%
Hubbard	1,299	0.62%	Tipp City	3,598	1.73%
Jackson	3,598	1.73%	Versailles	1,099	0.53%
Jackson Center	500	0.24%	Wadsworth	1,800	0.87%
Lakeview	200	0.10%	Wapakoneta	1,800	0.87%
Lucas	100	0.05%	Waynesfield	200	0.10%
Marshall	2,798	1.35%	Wellington	1,599	0.77%
Martinsville	4,297	2.07%	Woodville	200	0.10%
Mendon	100	0.05%	Yellow Springs	799	0.38%
Total kW				208,000	100.00%

Meldahl Hydro (105 MW)

Meldahl Unit #	Location	Unit Rating	Start Date
1	PJM	35 MW	1/20/2016
2	PJM	35 MW	2/13/2016
3	PJM	35 MW	4/12/2016

Meldahl	Project Rate
2018	\$94.90
2019	\$82.42
2020	\$78.35
2021	\$75.97
2022	\$76.32
2023	\$76.74



- Capacity and RECS included in rate
- Delivery point of power is Meldahl LMP
- Annual Capacity Factor 60.4%
- 2019 billed at:
 - \$23.11 / kW-mo demand charge
 - \$30 / MWh energy charge

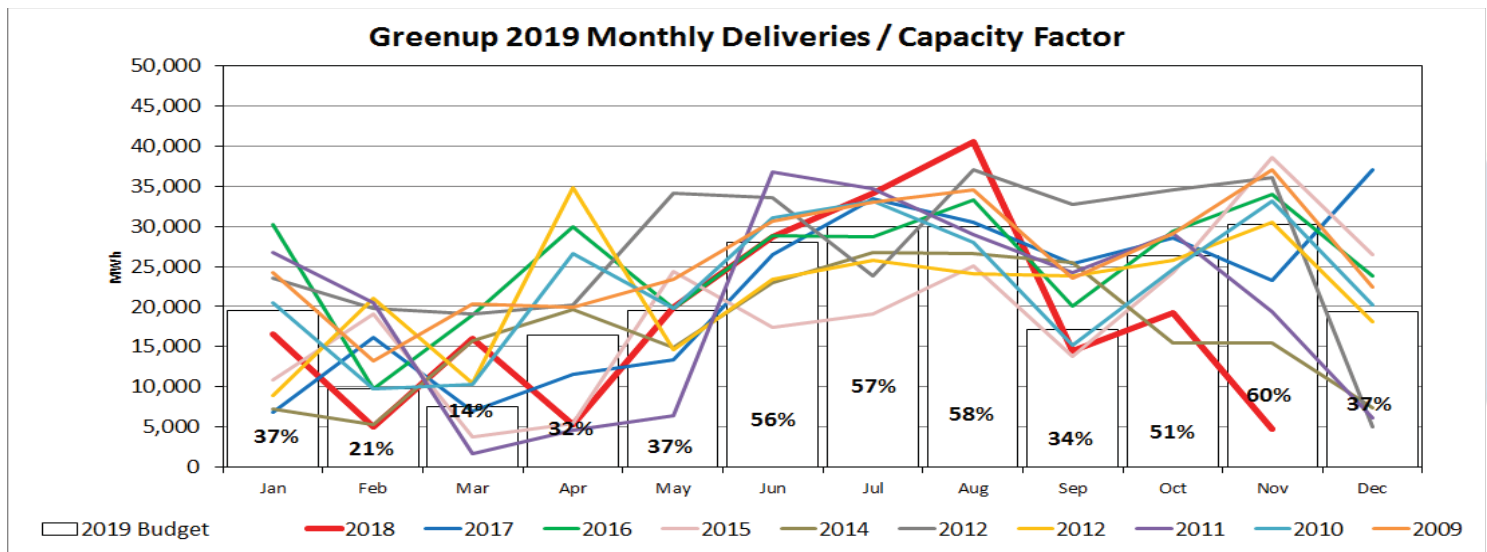
Meldahl Ownership

Participant	kW	Percentage		Participant	kW	Percentage
Amherst	756	0.72%		Mendon	30	0.03%
Arcanum	136	0.13%		Napoleon	504	0.48%
Bowling Green	3,043	2.90%		New Bremen	25	0.02%
Bryan	1,386	1.32%		New Knoxville	60	0.06%
Carey	411	0.39%		Newton Falls	232	0.22%
Cleveland	9,000	8.57%		Niles	50	0.05%
Clinton	111	0.11%		Oberlin	504	0.48%
Coldwater	1,794	1.71%		Orrville	3,526	3.36%
Columbiana	76	0.07%		Paducah	4,530	4.31%
Danville	5,039	4.80%		Piqua	1,199	1.14%
Dover	1,401	1.33%		Plymouth	80	0.08%
Eldorado	25	0.02%		Princeton	870	0.83%
Front Royal	1,573	1.50%		Prospect	45	0.04%
Greenwich	206	0.20%		Seville	486	0.46%
Hamilton	54,000	51.43%		Shelby	559	0.53%
Haskins	71	0.07%		Sycamore	30	0.03%
Hillsdale	731	0.70%		Tipp City	715	0.68%
Hubbard	353	0.34%		Versailles	383	0.36%
Hudson	504	0.48%		Wadsworth	3,953	3.76%
Jackson	826	0.79%		Wapakoneta	1,618	1.54%
Jackson Center	20	0.02%		Waynesfield	60	0.06%
Lakeview	5	0.00%		Wellington	60	0.06%
Lucas	15	0.01%		Wyandotte	1,763	1.68%
Marshall	594	0.57%		Yellow Springs	1,642	1.56%
				Total	105,000	100.00%

Greenup (70 MW)

- Began commercial operation in 1982
- Capacity and RECS included in rate
- Delivery point of Power is Greenup LMP
- Annual Capacity Factor 45%
- 2019 billed at:
 - \$20.90 / kW-mo demand charge
 - \$3 / MWh energy charge

Greenup	Project Rate
2018	\$70.36
2019	\$72.21
2020	\$73.28
2021	\$79.09
2022	\$77.69
2023	\$78.37



Greenup Ownership

Participant	kW	Percentage		Participant	kW	Percentage
Amherst	495	0.71%		Mendon	20	0.03%
Arcanum	89	0.13%		Napoleon	330	0.47%
Bowling Green	1,993	2.85%		New Bremen	16	0.02%
Bryan	923	1.32%		New Knoxville	39	0.06%
Carey	272	0.39%		Newton Falls	152	0.22%
Cleveland	6,000	8.57%		Niles	480	0.69%
Clinton	72	0.10%		Oberlin	330	0.47%
Coldwater	1,175	1.68%		Orrville	2,308	3.30%
Columbiana	50	0.07%		Paducah	3,020	4.31%
Danville	3,299	4.71%		Piqua	785	1.12%
Dover	917	1.31%		Plymouth	53	0.08%
Eldorado	16	0.02%		Princeton	580	0.83%
Front Royal	1,045	1.49%		Prospect	30	0.04%
Greenwich	135	0.19%		Seville	323	0.46%
Hamilton	35,900	51.29%		Shelby	366	0.52%
Haskins	46	0.07%		Sycamore	20	0.03%
Hillsdale	479	0.68%		Tipp City	469	0.67%
Hubbard	231	0.33%		Versailles	251	0.36%
Hudson	330	0.47%		Wadsworth	2,623	3.75%
Jackson	541	0.77%		Wapakoneta	1,074	1.53%
Jackson Center	13	0.02%		Waynesfield	39	0.06%
Lakeview	3	0.00%		Wellington	39	0.06%
Lucas	10	0.01%		Wyandotte	1,155	1.65%
Marshall	389	0.56%		Yellow Springs	1,075	1.54%
				Total	70,000	100.00%

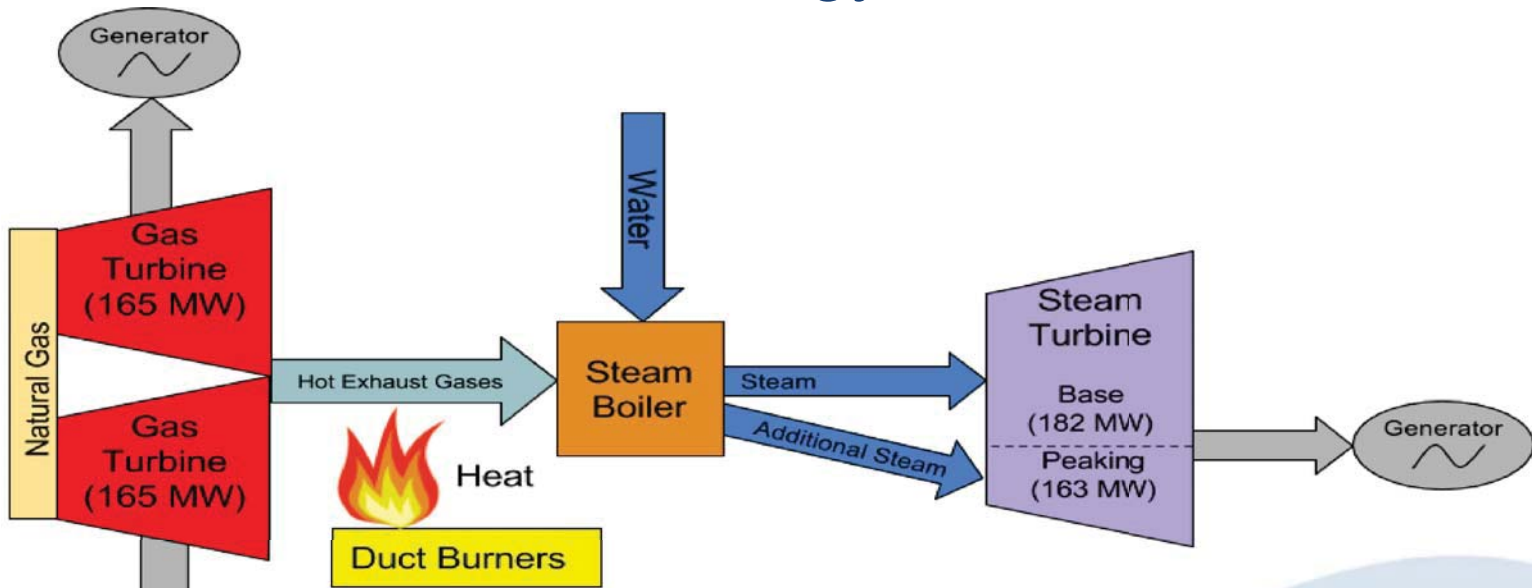
Fremont Energy Center

- Natural Gas Combined Cycle Unit (online in 2012)
 - 512 MW of Intermediate Capacity
 - 163 MW of Duct-Firing Capability for Peaking
- Interconnected to FirstEnergy in PJM
- Members receive Installed Capacity credits
 - (Approximately \$10 / MWh value)

AFEC Rates	Debt + Demand	Energy	Effective Rate
	\$/kW-Mo	\$/MWh	
2019	\$9.30	\$30.99	\$54.96
2020	\$9.30	\$29.37	\$52.22
2021	\$8.91	\$29.61	\$50.65
2022	\$9.03	\$30.01	\$52.06
2023	\$8.85	\$28.90	\$50.74



Fremont Energy Center



Outage Dates	Start	End	Start	End
2019	4/27/2019	5/12/2019	10/12/2019	11/24/2019
2020	3/21/2020	5/5/2020		
2021	3/27/2021	4/11/2021		
2022	4/9/2022	4/24/2022	10/29/2022	11/13/2022
2023	3/16/2023	3/31/2023		
Blue = part of outage will only be 1 CT, so plant will operate in 1x1				

Fremont Energy Center

Participant	Base kW	Duct kW	Total kW	Percentage	Participant	Base kW	Duct kW	Total kW	Percentage
Amherst	880	280	1160	0.17%	Lodi	1055	336	1391	0.21%
Arcadia	90	29	119	0.02%	Lucas	100	32	132	0.02%
Arcanum	530	169	699	0.10%	Marshall	5370	1710	7080	1.05%
Beach City	510	162	672	0.10%	Martinsville	4579	1458	6037	0.89%
Bedford	6430	2047	8477	1.26%	Mendon	130	41	171	0.03%
Berlin	870	277	1147	0.17%	Minster	660	210	870	0.13%
Bradner	130	41	171	0.03%	Monroeville	880	280	1160	0.17%
Brewster	3140	1000	4140	0.61%	Montpelier	1320	420	1740	0.26%
Bryan	5285	1683	6968	1.03%	Napoleon	6650	2117	8767	1.30%
Carey	1235	393	1628	0.24%	New Bremen	2300	732	3032	0.45%
Celina	6605	2103	8708	1.29%	New Knoxville	265	84	349	0.05%
Cleveland	60000	19102	79102	11.72%	New Martinsville	3790	1207	4997	0.74%
Clinton	1235	393	1628	0.24%	Newton Falls	2080	662	2742	0.41%
Clyde	2640	840	3480	0.52%	Niles	22015	7009	29024	4.30%
Coldwater	18055	5748	23803	3.53%	Oak Harbor	440	140	580	0.09%
Columbiana	4180	1331	5511	0.82%	Ohio City	115	37	152	0.02%
Cuyahoga Falls	23120	7360	30480	4.52%	Orrville	17615	5608	23223	3.44%
CVEC	21225	6757	27982	4.15%	Pemberville	265	84	349	0.05%
Danville	37300	11875	49175	7.29%	Philippi	3175	1011	4186	0.62%
DEMEC	80000	25469	105469	15.63%	Pioneer	530	169	699	0.10%
Dover	8000	2547	10547	1.56%	Piqua	9935	3163	13098	1.94%
Edgerton	530	169	699	0.10%	Plymouth	300	96	396	0.06%
Eldorado	90	29	119	0.02%	Prospect	540	172	712	0.11%
Elmore	265	84	349	0.05%	Republic	90	29	119	0.02%
Ephrata	3435	1094	4529	0.67%	Richlands	1675	533	2208	0.33%
Front Royal	4930	1570	6500	0.96%	Seville	1410	449	1859	0.28%
Galion	2256	718	2974	0.44%	Shiloh	90	29	119	0.02%
Genoa	925	294	1219	0.18%	Smethport	1120	357	1477	0.22%
Girard	2250	716	2966	0.44%	South Vienna	300	96	396	0.06%
Grafton	1365	435	1800	0.27%	St. Clairsville	880	280	1160	0.17%
Greenwich	310	99	409	0.06%	St. Marys	7045	2243	9288	1.38%
Hamilton	19420	6183	25603	3.79%	Summerhill	240	76	316	0.05%
Haskins	625	199	824	0.12%	Tipp City	3975	1265	5240	0.78%
Hatfield	400	127	527	0.08%	Union City	1145	365	1510	0.22%
Hillsdale	7220	2299	9519	1.41%	Versailles	2640	840	3480	0.52%
Holiday City	660	210	870	0.13%	Wadsworth	12770	4065	16835	2.49%
Hooversville	300	96	396	0.06%	Wapakoneta	2640	840	3480	0.52%
Hubbard	4405	1402	5807	0.86%	Waynesfield	400	127	527	0.08%
Hudson	3525	1122	4647	0.69%	Wellington	3145	1001	4146	0.61%
Huron	90	29	119	0.02%	Williamstown	4115	1310	5425	0.80%
Jackson	7000	2229	9229	1.37%	Woodsfield	1875	597	2472	0.37%
Jackson Center	330	105	435	0.06%	Woodville	90	29	119	0.02%
Lakeview	710	226	936	0.14%	Yellow Springs	0	0	0	0.00%
Lebanon	13210	4206	17416	2.58%	MPPA	26420	8411	34831	5.16%
Lewisberry	115	37	152	0.02%	TOTAL	512.000	163.000	675.000	100.00%

AMP Solar Project

- 3.54 MW array in Napoleon (FirstEnergy)
 - Napoleon – 1.04 MW
- Started August 2012
- Rate Without Debt Service Aprox. \$38/MWh
- Capacity and Transmission Benefit = \$30/MWh

Napoleon Solar Rates		
	\$/kW-Mo	\$/MWh
2019		\$87.00
2020		\$87.00
2021		\$87.00
2022		\$87.00
2023		\$87.00



Napoleon's Energy Purchases

7x24

- 3.8 MW Morgan Stanley (2015-2020) - \$62.95

AMP Invoices

AMP CT - Sched @ ATSI				
Demand Charge:	\$2.678409	/ kW *	12,400 kW =	\$33,212.27
Transmission Credit:	\$3.510472	/ kW *	-12,400 kW =	-\$43,529.85
Capacity Credit:	\$3.850662	/ kW *	-12,400 kW =	-\$47,748.21
Subtotal			0 kWh =	-\$58,065.79
Fremont - sched @ Fremont				
Demand Charge:	\$4.340567	/ kW *	8,767 kW =	\$38,053.75
Energy Charge:	\$0.030295	/ kWh *	4,961,376 kWh =	\$150,304.27
Net Congestion, Losses, FTR:	\$0.000778	/ kWh *		\$3,861.65
Capacity Credit:	\$4.496771	/ kW *	-8,767 kW =	-\$39,423.19
Debt Service	\$4.960467	/ kW	8,767 kW	\$43,488.41
Adjustment for prior month:				\$903.00
Subtotal			4,961,376 kWh =	\$197,187.89
AMP Hydro CSW - Sched @ PJMC				
Demand Charge:	\$49.750000	/ kW *	3,498 kW =	\$174,025.50
Energy Charge:	\$0.036000	/ kWh *	580,024 kWh =	\$20,880.87
Net Congestion, Losses, FTR:	\$0.004606	/ kWh *		\$2,671.85
Capacity Credit:	\$1.119391	/ kW *	-3,498 kW =	-\$3,915.63
REC Credit (Estimate)	-\$0.006000	/ kWh	580,024 kWh	-\$3,480.15
Subtotal			580,024 kWh =	\$190,182.44
Meldahl Hydro - Sched @ Meldahl Bus				
Demand Charge:	\$26.465317	/ kW *	504 kW =	\$13,338.52
Energy Charge:	\$0.036000	/ kWh *	108,216 kWh =	\$3,895.79
Net Congestion, Losses, FTR:	\$0.001503	/ kWh *		\$162.69
Capacity Credit:	\$4.744683	/ kW *	-504 kW =	-\$2,391.32
REC Credit (Estimate)				-\$649.30
Subtotal			108,216 kWh =	\$14,356.38
JV6 - Sched @ ATSI				
Demand Charge:	\$2.274567	/ kW *	300 kW =	\$682.37
Energy Charge:			41,045 kWh	
Transmission Credit:	\$0.453500	/ kW *	-300 kW =	-\$136.05
Capacity Credit:	\$0.331667	/ kW *	-300 kW =	-\$99.50
Subtotal			41,045 kWh =	\$446.82
Greenup Hydro - Sched @ Greenup Bus				
Demand Charge:	\$23.566424	/ kW *	330 kW =	\$7,776.92
Energy Charge:	\$0.009000	/ kWh *	48,098 kWh =	\$432.88
Net Congestion, Losses, FTR:	\$0.000992	/ kWh *		\$47.73
Capacity Credit:	\$3.836848	/ kW *	-330 kW =	-\$1,266.16
REC Credit (Estimate)				-\$288.59
Subtotal			48,098 kWh =	\$6,702.78

AMP Invoices

Prairie State - Sched @ PJMC

Demand Charge:	\$9.913175	/ kW *	4,976 kW =	\$49,327.96
Energy Charge:	\$0.011477	/ kWh *	3,699,662 kWh =	\$42,462.27
Net Congestion, Losses, FTR:	\$0.004726	/ kWh *		\$17,485.95
Capacity Credit:	\$4.048969	/ kW *	-4,976 kW =	-\$20,147.67
Debt Service	\$22.522717	/ kW	4,976 kW	\$112,073.04
Transmission from PSEC to PJM/MISO, including non-Prairie State variable charges/credits	\$0.005107	/ kWh	3,699,662 kWh	\$18,892.50
Board Approved Rate Levelization				-\$19,608.21
Subtotal			3,699,662 kWh =	\$200,485.84

NYPA - Sched @ NYIS

Demand Charge:	\$7.369915	/ kW *	940 kW =	\$6,927.72
Energy Charge:	\$0.013819	/ kWh *	541,514 kWh =	\$7,483.30
Net Congestion, Losses, FTR:	-\$0.005430	/ kWh *		-\$2,940.37
Capacity Credit:	\$5.011754	/ kW *	-935 kW =	-\$4,685.99
Subtotal			541,514 kWh =	\$6,784.66

JV5 - 7X24 @ ATSI

Demand Charge:	\$10.066480	/ kW *	3,088 kW =	\$31,085.29
Energy Charge:	\$0.017832	/ kWh *	2,297,472 kWh =	\$40,968.29
Transmission Credit:	\$4.598157	/ kW *	-3,088 kW =	-\$14,199.11
Capacity Credit:	\$5.009764	/ kW *	-3,088 kW =	-\$15,470.15
Debt Service (current month)	\$17.930000	/ kW	3,088 kW	\$55,367.84
Subtotal			2,297,472 kWh =	\$97,752.16

JV5 Losses - Sched @ ATSI

Energy Charge:			33,539 kWh	
Subtotal			33,539 kWh =	\$0.00

JV2 - Sched @ ATSI

Demand Charge:	\$2.483220	/ kW *	264 kW =	\$655.57
Energy Charge:			165 kWh	
Transmission Credit:	\$3.120833	/ kW *	-264 kW =	-\$823.90
Capacity Credit:	\$4.264053	/ kW *	-264 kW =	-\$1,125.71
JV2 Project Fuel Costs not recovered through Energy Sales to Market				\$35.41
Subtotal			165 kWh =	-\$1,258.63

AMP Solar Phase I - Sched @ ATSI

Demand Charge:			1,040 kW	
Energy Charge:	\$0.038300	/ kWh *	48,638 kWh =	\$1,862.83
Transmission Credit:				-\$2,890.30
Capacity Credit:	\$2.986721	/ kW *	-1,040 kW =	-\$3,106.19
Subtotal			48,638 kWh =	-\$4,133.66

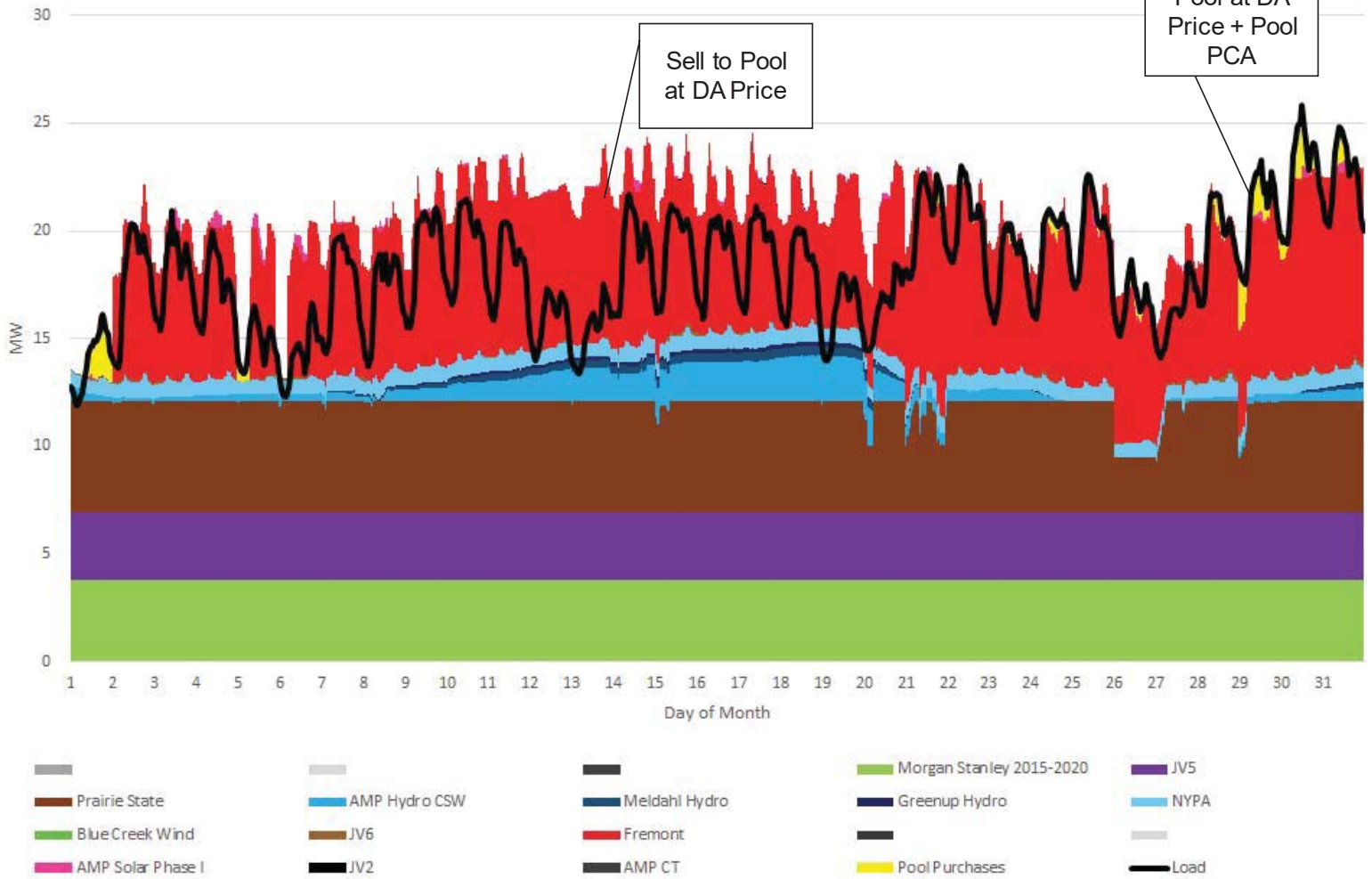
Morgan Stanley 2015-2020 - 7x24 @ AD

Demand Charge:			3,800 kW	
Energy Charge:	\$0.062950	/ kWh *	2,827,200 kWh =	\$177,972.24
Net Congestion, Losses, FTR:	\$0.001265	/ kWh *		\$3,575.14
Subtotal			2,827,200 kWh =	\$181,547.38

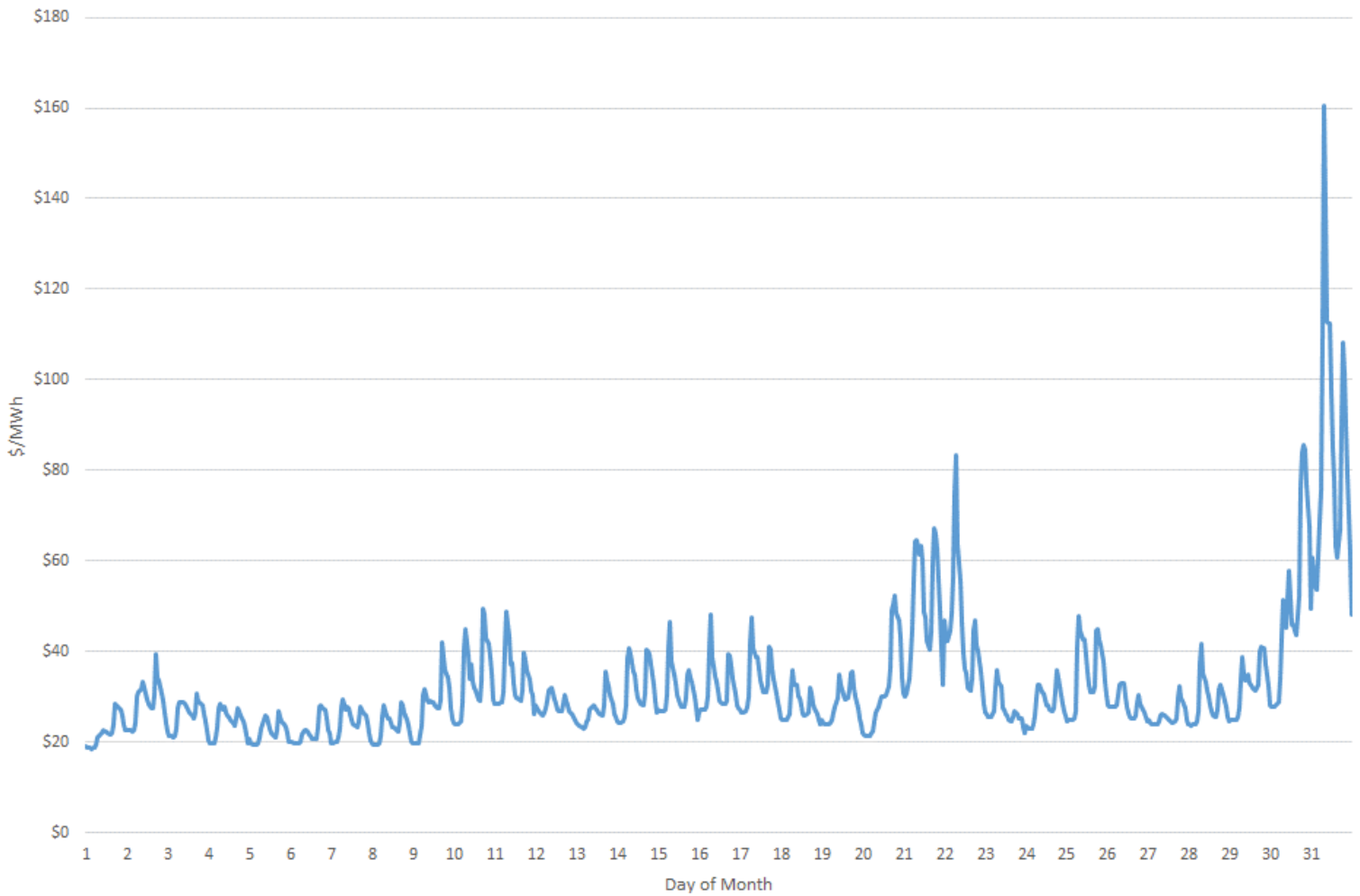
NORTHERN Pool

- AMP provides remaining full requirements and project replacement supply through pool
- Allow members in FirstEnergy to schedule and aggregate purchases on a group basis
 - Share changes in long term and daily load forecasts.
 - Purchase seasonal needs as a group
- Establish rules for allocation of PJM capacity, transmission and power costs incurred for the group

Napoleon Monthly Energy Position January 2019



January 2019 Day Ahead Market Energy Prices: AMP-ATSI LMP

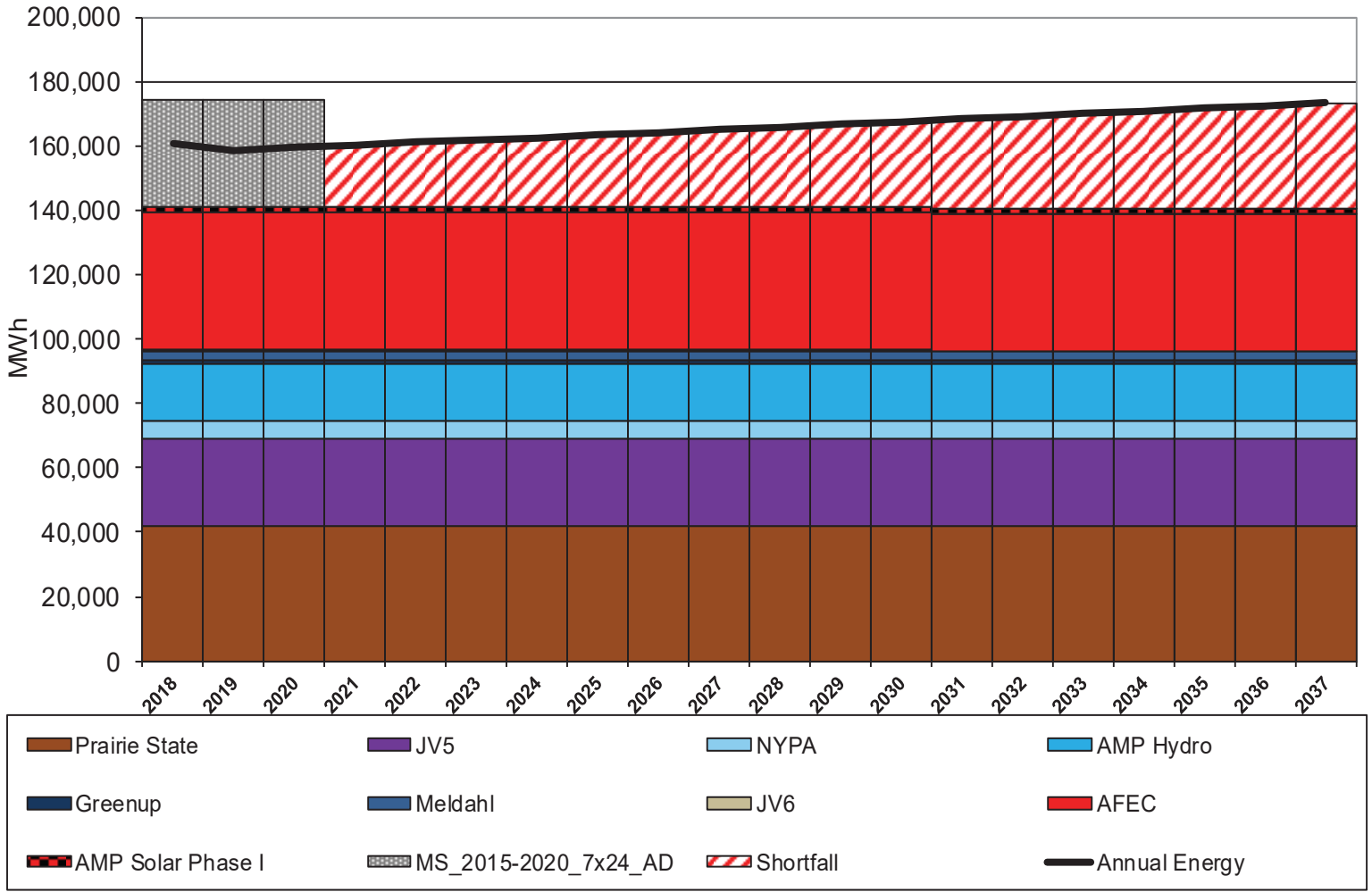


Pool Charges

Northern Power Pool:

On Peak Energy Charge: (M-F HE 08-23 EDT)	\$0.059585	/ kWh *	76,881 kWh =	\$4,580.95
Off Peak Energy Charge:	\$0.029980	/ kWh *	57,270 kWh =	\$1,716.98
Sale of Excess Non-Pool Resources to Pool	\$0.029190	/ kWh *	-1,804,456 kWh =	-\$52,672.38
Pool Congestion Hedge				\$352.27
Subtotal	\$0.027553	/ kWh *	-1,670,305 kWh =	-\$46,022.18

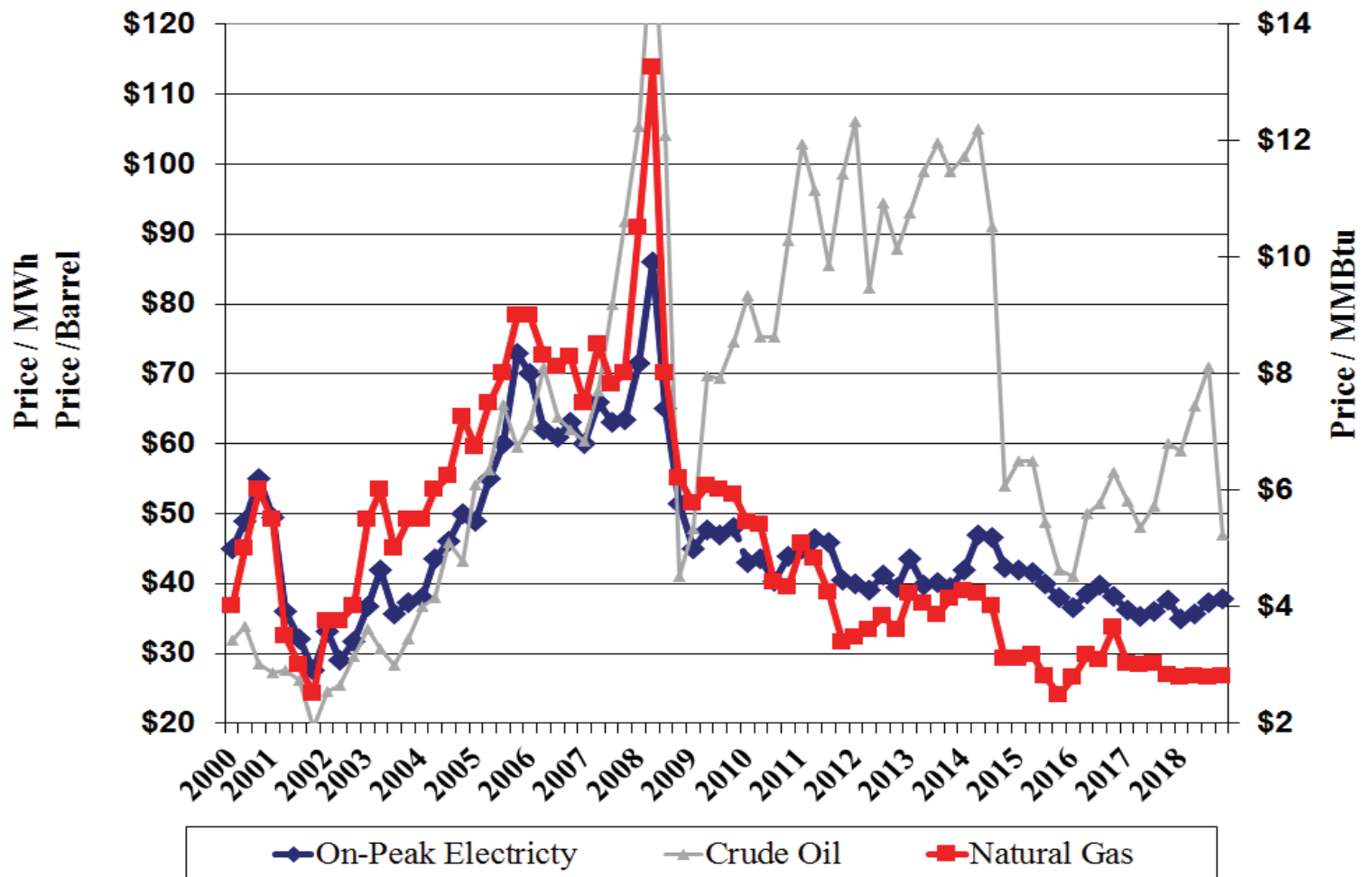
Napoleon Energy Supply: 0.49% Load Growth



Energy Market

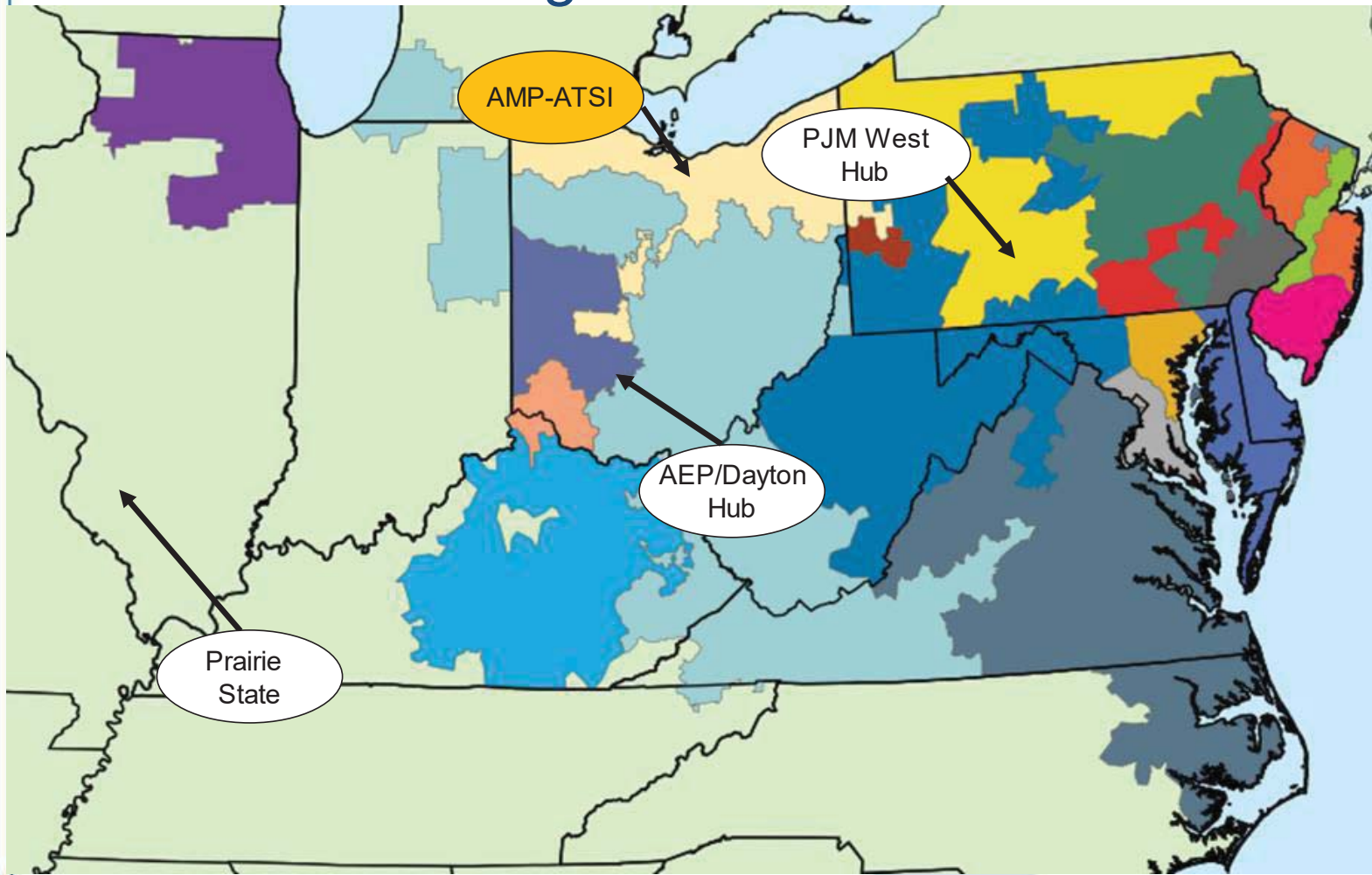
- Energy purchases do not include capacity
- Energy Market (as well as Capacity Market) is a marginal market
 - Cost for entire market is determined by the cost of the last (highest cost) unit needed, aka the marginal cost
 - Electric power prices are closely tied to natural gas prices due to the numerous natural gas generating units setting the market price

12 Month Price of Wholesale Energy Commodities



Installed Capacity & Transmission

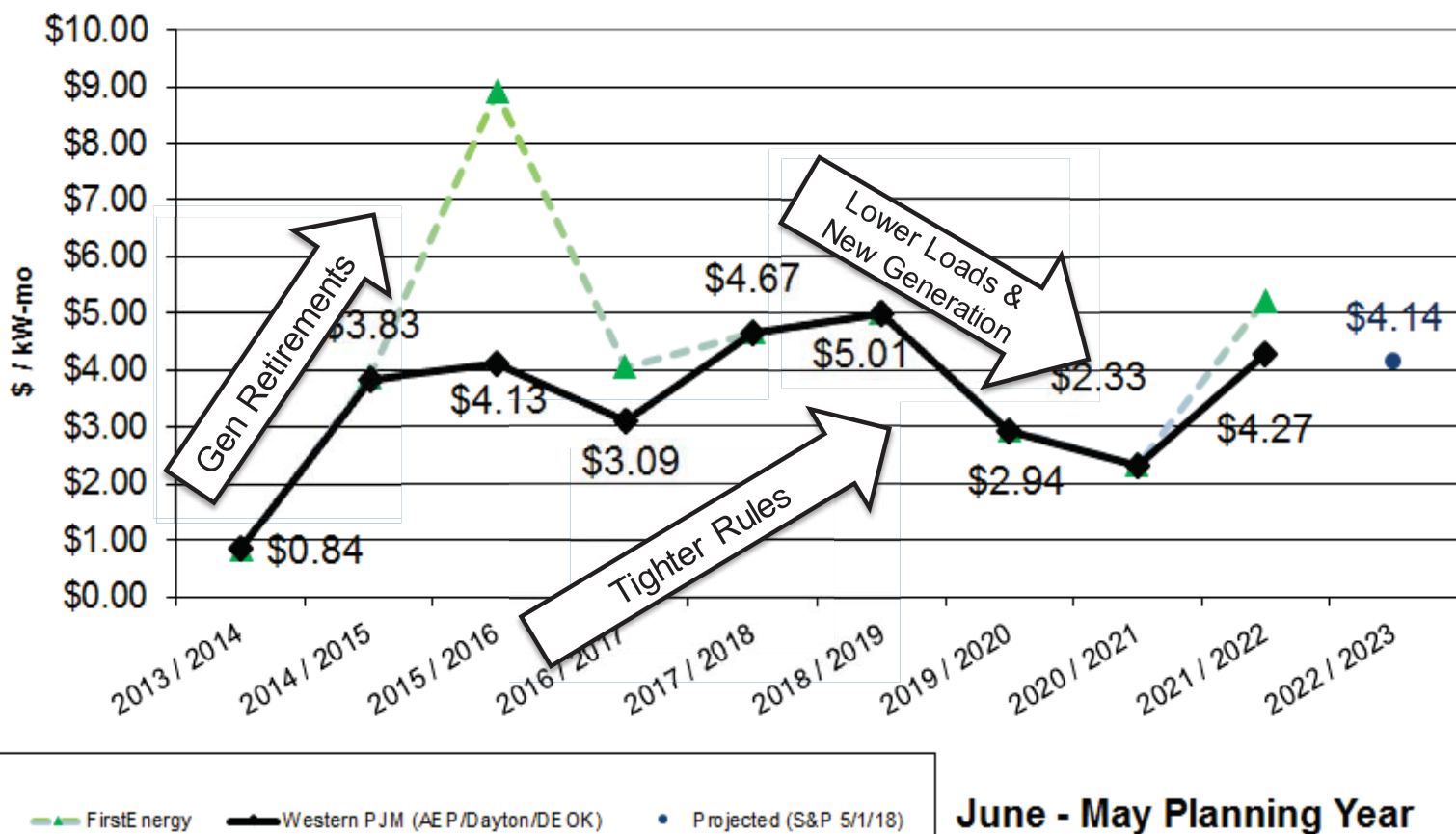
PJM Trading Hubs & Load Zones

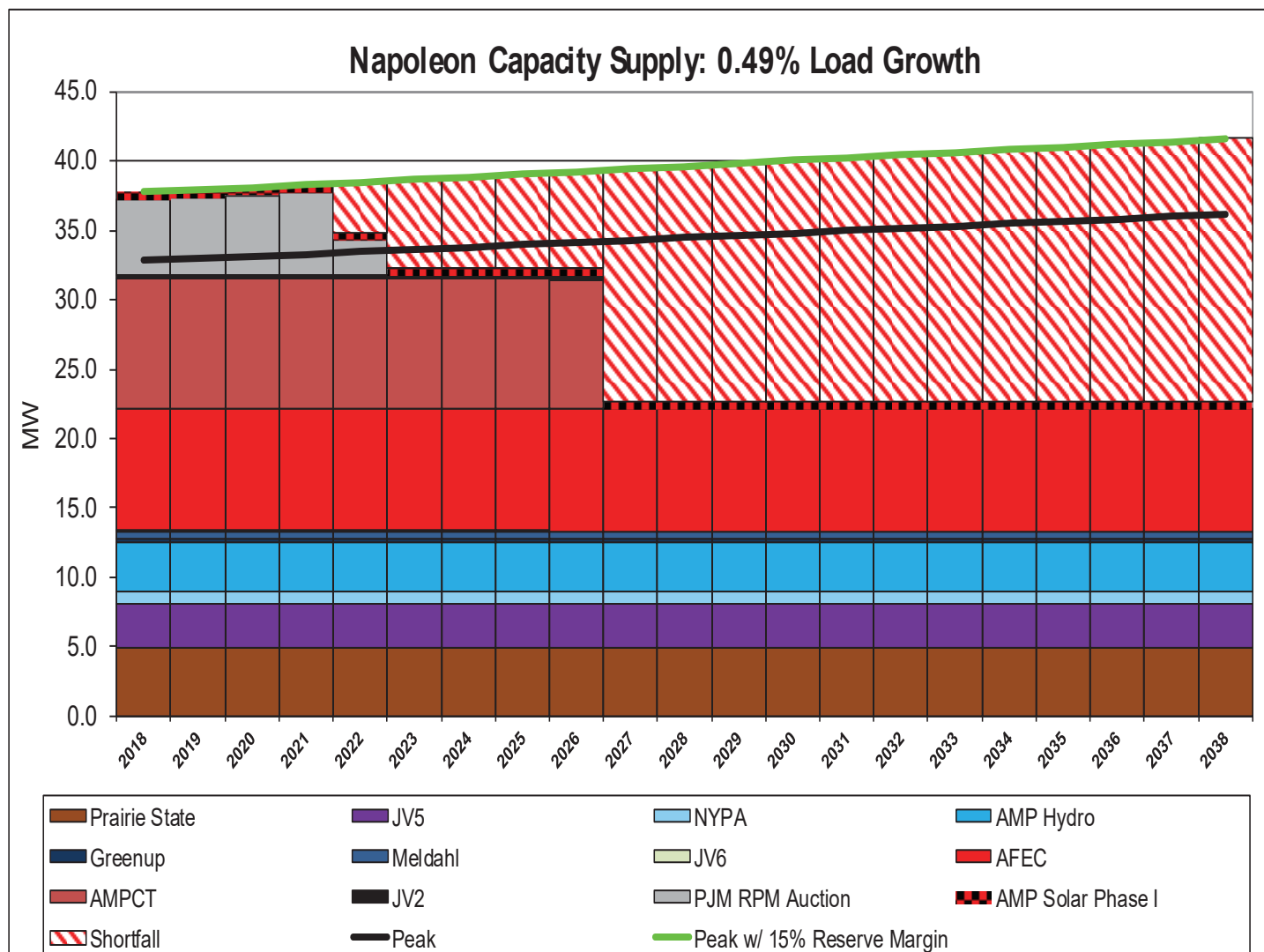


PJM and Installed Capacity

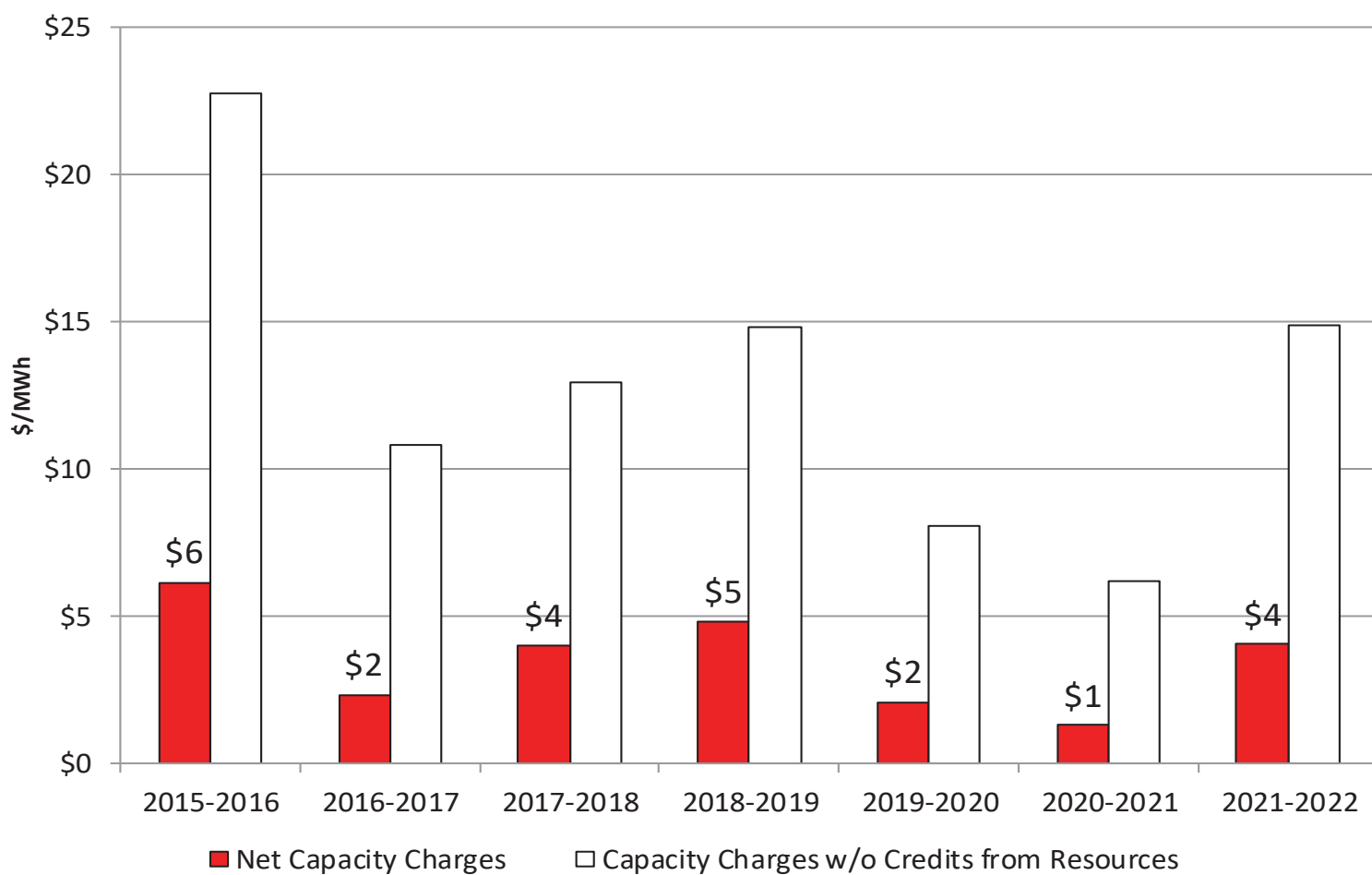
- PJM's main concern is to keep the lights on
- PJM capacity auction runs each May
 - Pays generators to be available for emergency performance
 - Sets price for load 3 years into future
- Members receive capacity credit for:
 - Generation Resources (Ownership or Power Purchase)
 - Peak Shaving / Demand Response

PJM RPM Installed Capacity Charges (Load)





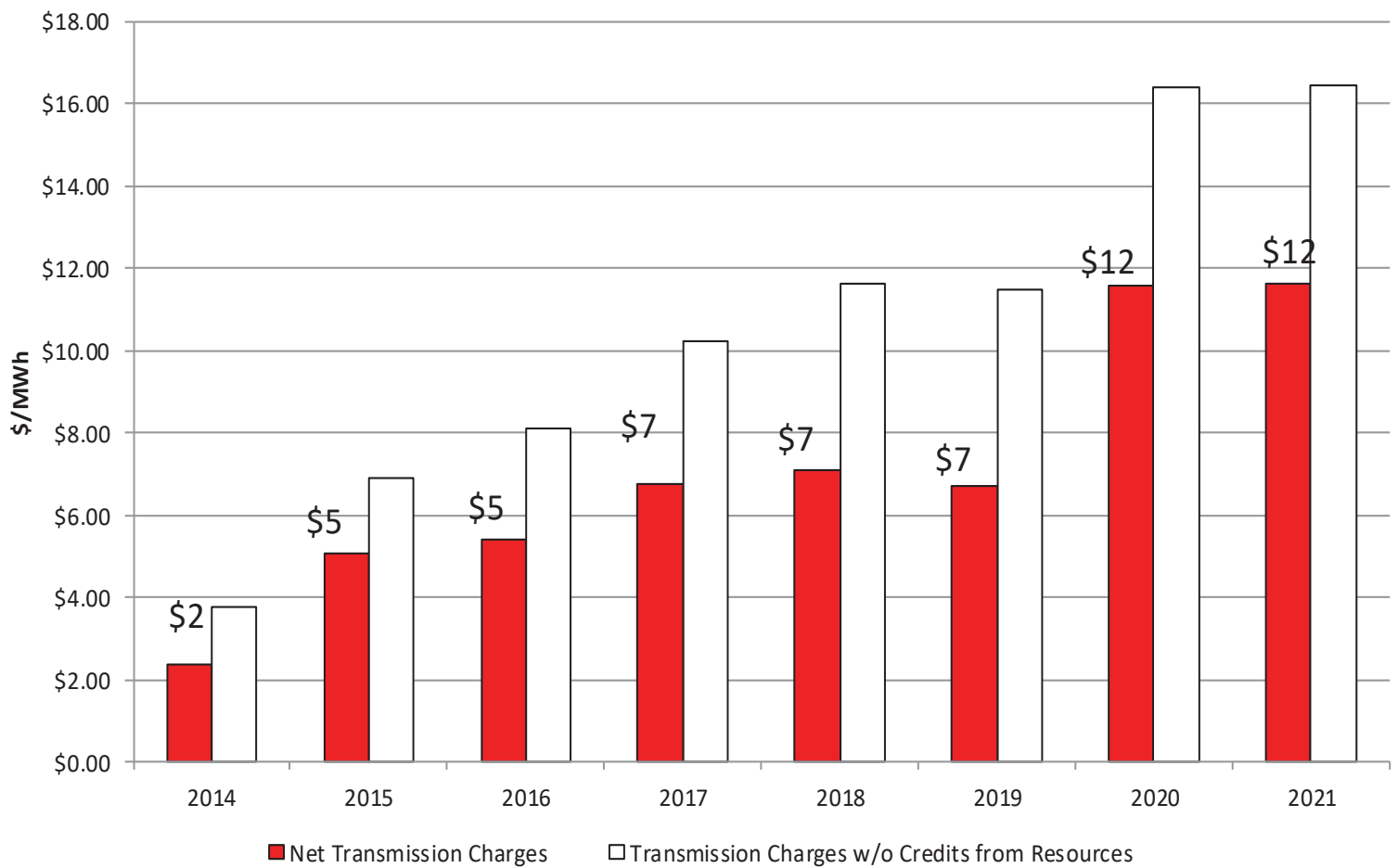
Capacity Charge Impact to Overall Rates: Napoleon



Transmission

- Transmission Demand Charge
 - Based on Costs of Local IOU Transmission System
 - Formula Rates (FE, AEP, PPL, Duke, Penelec and MetEd)
 - Fixed Rate (Dayton & APS)
- Transmission Energy Charge
 - Ancillary Services
 - Operating Reserves, Frequency and Voltage Regulation, PJM Fees, and other charges

Transmission Charge Impact to Overall Rates: Napoleon



Coincident Peak

1 CP = Napoleon's load at time of FE Zone's peak hour for year

1CP based on previous calendar year's peak

Used for Transmission Billing on calendar year basis

2019 Transmission Billin ▼	Zone ▼	Time of Pea ▼	1CP ▼
Napoleon	ATSI	9/5/18 16	30.468

5 CP = Napoleon's load at time of PJM's 5 highest hours from the previous year's summer

Used for Capacity Billing in PJM

2019-2020 Planning Yea ▼	5CP ▼	MW ▼	8/28/2018 170 ▼	9/4/2018 170 ▼	9/5/2018 170 ▼	6/18/2018 170 ▼	8/27/2018 170 ▼
Napoleon	30.052	MW	30.1	30.3	30.5	30.2	29.1

Transmission / Capacity Invoice

		1CP		5CP
TRANSMISSION / CAPACITY / ANCILLARY SERVICES:				
Demand Charge:	\$4.598157 / kW *	30,468 kW =		\$140,096.65
Energy Charge:	\$0.000321 / kWh *	11,219,172 kWh =		\$3,599.93
Direct Transmission Charges:				\$0.00
RPM (Capacity) Charges:	\$6.852700 / kW *	29,050 kW =		\$199,068.19
TRANSMISSION / CAPACITY / ANCILLARY SERVICES:	\$0.030552 / kWh *	11,219,172 kWh =		\$342,764.77

Rate includes PJM reserves

Peak Shaving

Peak Shaving:

- AMP sends out notices via email notifying members of predicted system peaks, so that members or their customers can reduce load during the peak hours and reduce transmission and capacity costs.

COMMUNITY ENERGY SAVINGS DAY TOOLKIT

- Located on AMP's website:
<https://www.ampppartners.org/members/member-extranet/focus-forward/cesd-toolkit>
- #Alert: Community Energy Savings Day today: Help by using less energy between 1-6 p.m.
@amppartners #saveenergy #communityenergysavingsday #publicpower

JV2 Peaking Power (137.05 MW)

- 34 Diesels with emission controls (1.825 MW)
- 2 Gas Turbines (32 MW)
- 1 Gas Turbine (11 MW)
- Demand Rate of JV2 is O&M cost only
 - 2019 = \$2.48 / kW-mo
- Peak Shaving savings are approximately 2 to 3 times the cost of Project
 - Diesels use 75 gallons / MWh



JV2 Ownership

Participant	kW	Percentage		Participant	kW	Percentage
Amherst	5,000	3.73%		Milan	752	0.56%
Arcanum	44	0.03%		Monroeville	764	0.57%
Bowling Green	19,198	14.32%		Montpelier	4,000	2.98%
Bradner	119	0.09%		Napoleon	264	0.20%
Brewster	1,000	0.75%		Niles	15,400	11.48%
Custar	4	0.00%		Oak Harbor	737	0.55%
Cuyahoga Falls	10,000	7.46%		Oberlin	1,217	0.91%
Dover	7,000	5.22%		Painesville	7,000	5.22%
Edgerton	1,460	1.09%		Pemberville	197	0.15%
Elmore	364	0.27%		Pioneer	1,158	0.86%
Galion	5,753	4.29%		Seville	1,066	0.79%
Genoa	199	0.15%		Shelby	2,536	1.89%
Grafton	1,056	0.79%		South Vienna	123	0.09%
Hamilton	32,000	23.86%		St. Marys	4,000	2.98%
Haskins	73	0.05%		Versailles	1,660	1.24%
Jackson Center	300	0.22%		Wadsworth	7,784	5.80%
Lodi	218	0.16%		Woodville	81	0.06%
Lucas	161	0.12%		Yellow Springs	1,408	1.05%
				Total	134,096	100.00%

AMPCT Peakers (142 MW)

- 6 Gas Turbines
 - Located in Bowling Green, Galion, and Napoleon
- Fixed Cost of AMPCT = \$2.68 / kW-mo for 2019
- **Peak Shaving savings are approximately 2 to 3 times the cost of Project**



AMPCT Purchasers

Participant	kW	Percentage		Participant	kW	Percentage
Amherst	6,000	4.23%		Milan	300	0.21%
Beach City	800	0.56%		Monroeville	2500	1.76%
Bowling Green	11,000	7.75%		Montpelier	3,700	2.61%
Bradner	500	0.35%		Napoleon	12,400	8.73%
Brewster	1,800	1.27%		Newton Falls	3,500	2.46%
Columbiana	4,200	2.96%		Niles	16,300	11.48%
Custar	200	0.14%		Oak Harbor	1,500	1.06%
Cuyahoga Falls	26,600	18.73%		Oberlin	2,500	1.76%
Edgerton	1,200	0.85%		Pemberville	1,100	0.77%
Elmore	900	0.63%		Pioneer	1,800	1.27%
Genoa	400	0.28%		Prospect	100	0.07%
Grafton	1,700	1.20%		Seville	1,700	1.20%
Haskins	300	0.21%		South Vienna	200	0.14%
Hubbard	1,800	1.27%		Wadsworth	17,900	12.61%
Hudson	11,550	8.13%		Wellington	4,500	3.17%
Lodi	2,100	1.48%		Woodville	800	0.56%
Lucas	150	0.11%		TOTAL	142,000	100.00%

Peak Shaving Project Invoices

AMP CT - Sched @ ATSI

Demand Charge:	\$2.678409	/kW *	12,400 kW =	\$33,212.27
Transmission Credit:	\$3.510472	/kW *	-12,400 kW =	-\$43,529.85
Capacity Credit:	\$3.850662	/kW *	-12,400 kW =	-\$47,748.21
Subtotal			0 kWh =	-\$58,065.79

AMP Diesel Peak Shaving Project

- Transmission Peak Shaving
 - Operation of Unit during Transmission Zone's peak hour
- Capacity Peak Shaving
 - Operation of Unit during PJM's five highest peak hours
- Energy Hedge
 - Operation of Unit during high price market hours

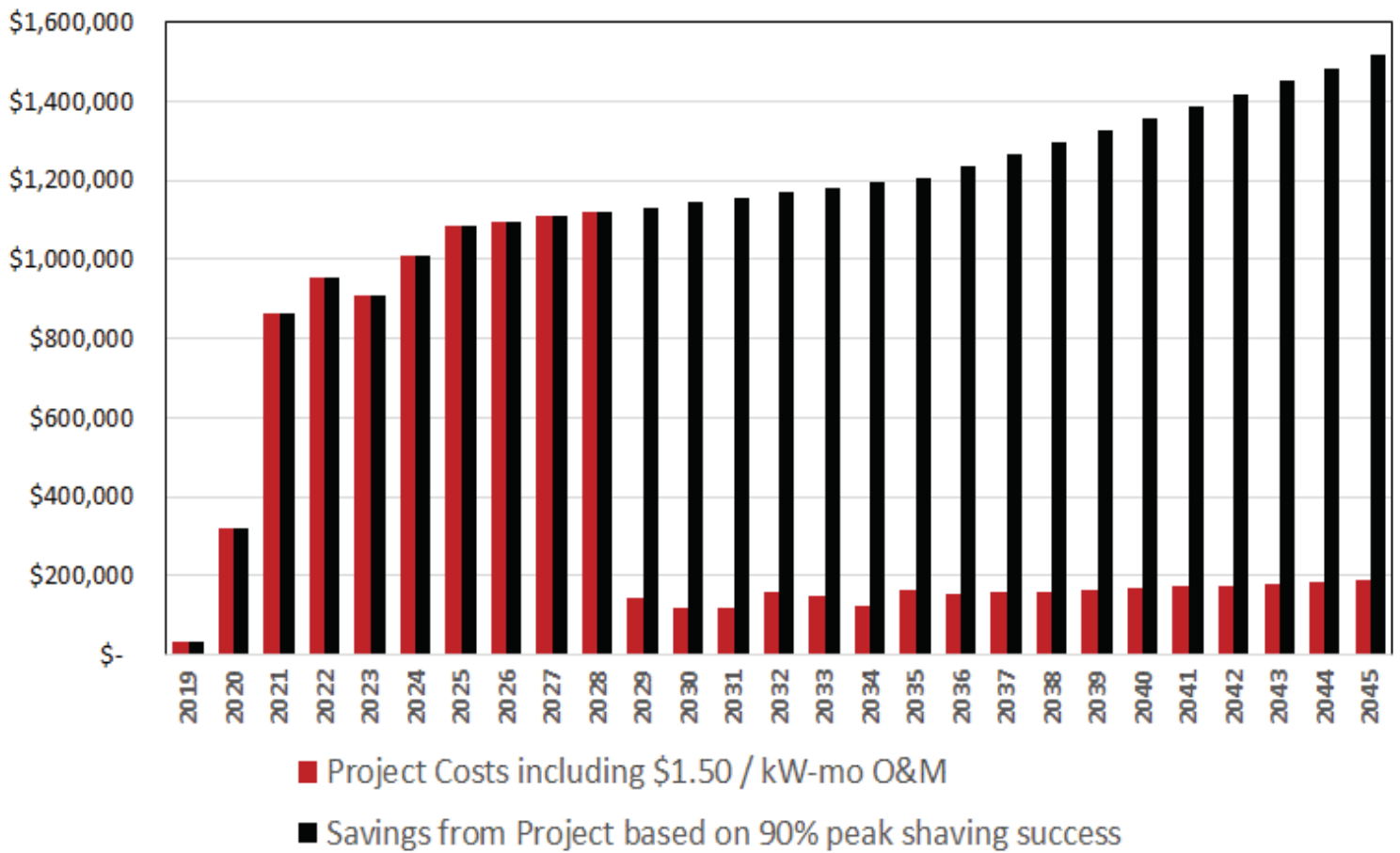
Peak Shaving Project Recommendation

		Napoleon	
	<u>MW</u>	<u>Weight</u>	<u>Rec</u>
Transmission Needs	31.1	33%	10.300
Capacity Needs	13.7	50%	6.900
Peaking Energy Needs	10.9	66%	7.200
Peaking Project Recommendation			6.900

Peak Shaving Project Costs

Project Resources:					
					<u>Total Construction Costs</u>
<u>Municipality</u>	<u>kW Installed</u>	<u>EPC Costs</u>	<u>AMP Costs</u>	<u>5% Contingency</u>	
Wadsworth (HBS)	10,800	\$ 8,001,482	\$ 100,000	\$ 400,074	\$ 8,501,556
Wadsworth (Seville Rd.)	10,800	\$ 8,431,264	\$ 100,000	\$ 421,563	\$ 8,952,827
Niles	10,800	\$ 8,248,419	\$ 100,000	\$ 412,421	\$ 8,760,840
Monroeville	2,700	\$ 2,148,836	\$ 100,000	\$ 107,442	\$ 2,356,278
Woodville	2,700	\$ 2,077,319	\$ 100,000	\$ 103,866	\$ 2,281,185
Total Initial Project	37,800	\$ 28,907,320	\$ 500,000	\$ 1,445,366	\$ 30,852,686
Cuyahoga Falls (includes inteconnect costs in EPC)	21,600	\$ 17,060,611	\$ 100,000	\$ 853,031	\$ 18,013,642
Painesville 1 & 2	21,600	\$ 16,304,718	\$ 200,000	\$ 815,236	\$ 17,319,954
TOTAL Project	81,000	\$ 62,272,649	\$ 800,000	\$ 3,113,632	\$ 66,186,281
Total Project	81,000	\$ 62,272,649	\$ 800,000	\$ 3,113,632	\$ 66,186,281
Napoleon	6,900	kW			\$ 5,638,091

Napoleon Peak Shaving Project Annual Costs and Savings for 6900 kW



AMPGS Sunk Costs

- Current obligation as of February 2018 = \$5,235
- Napoleon is currently paying \$0 per month
- Possible “Plant Held for Future Use” (PHFU) Liability = \$559,833
 - AMPGS Remaining Assets
 - Amount is Assumed Value of Assets (Final Value of Assets Unknown)
 - Not billed to members

New Efficiency Smart 3.0:

- > **Administered by Vermont Energy Investment Corporation (VEIC) under a performance-based contract**
- > **Four performance-based options with guarantee**
 - *Three comprehensive options covering all customer classes*
 - *One option providing a Custom C&I service*
- > **An 'a la carte' menu (including audits)**
- > **Three full program options based on annual retail sales:**
 - > *Enhanced Performance Comprehensive: \$2.60 / MWh*
 - > *High Performance Comprehensive: \$1.40 / MWh*
 - > *Basic Performance Comprehensive: \$0.90 / MWh*

Efficiency Smart Power Plant 2017-2020

ESPP 2017-2020 obligation @ \$1.400 /MWh x 154,389.7 MWh / 12

\$18,012.14

Subtotal

0 kWh =

\$18,012.14

AMP Fees

Dispatch Center Charge

- Variable rate to pay for metering, satellite and dispatch center personnel and equipment

Service Fee “A”

- Based on annual retail sales of Member
- $\$0.229 / \text{MWh} \times \text{retail energy sales divided over 12 monthly payments}$

Service Fee “B”

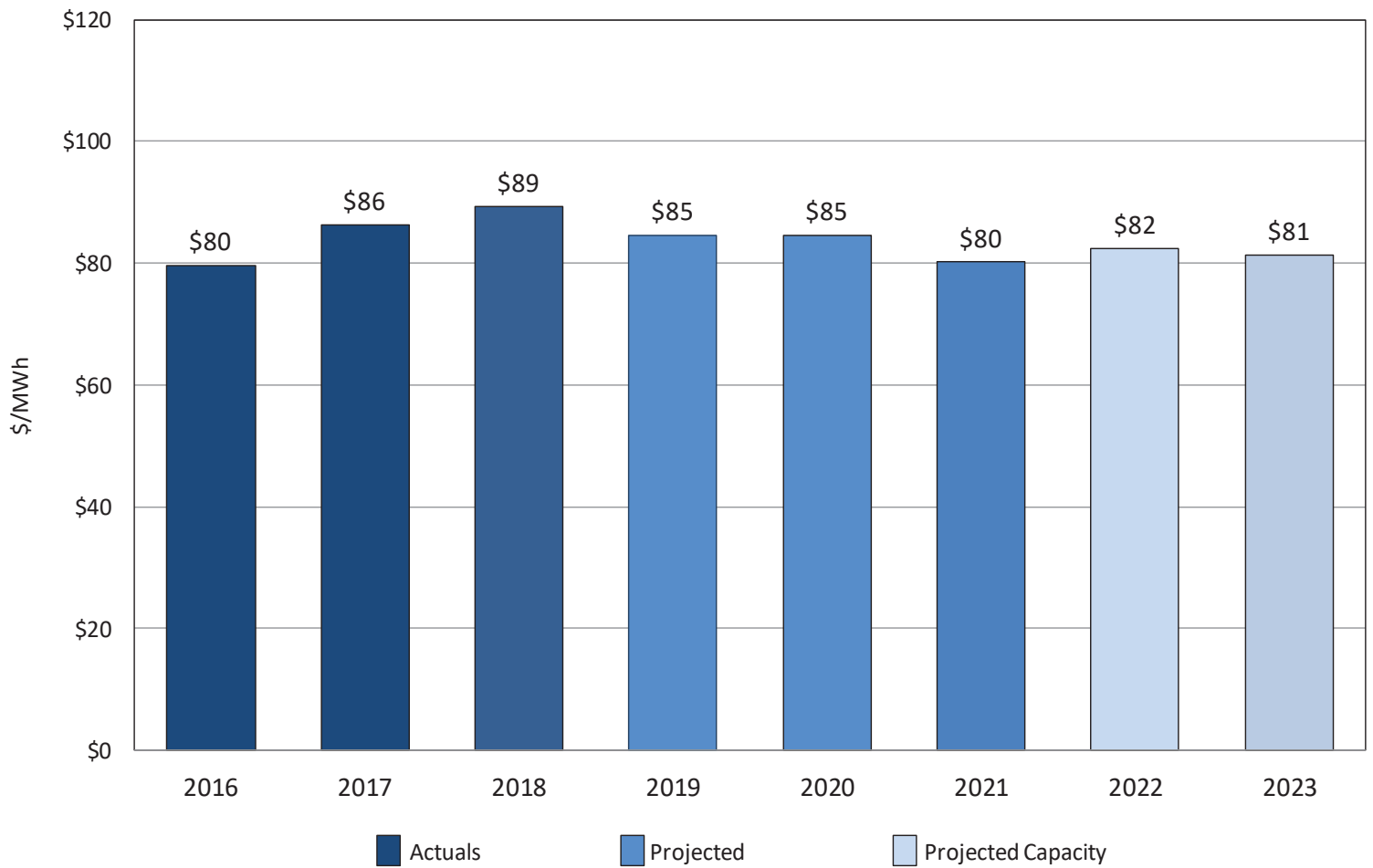
- Based on wholesale purchases from AMP
- $\$0.58 / \text{MWh} \times \text{monthly wholesale energy purchases}$

Service Fee Invoice

OTHER CHARGES:

Dispatch Center Charges:	#N/A	/ kWh *	13,561,569 kWh =	\$0.00
Service Fee Part A,				
Based on Annual Municipal Sales	\$0.000229	/ kWh *	145,364,250 kWh 1/12 =	\$2,774.03
Service Fee Part B.				
Energy Purchases	\$0.000580	/ kWh *	13,561,569 kWh =	\$7,865.71
TOTAL OTHER CHARGES:				\$10,639.74

Napoleon Annual Power Rates (\$/MWh)



Contacts

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2018 Capacity Plan

Napoleon ACTUAL COSTS														
Annual 2018		ACTUAL DEMAND =		32.81	MW								03/14/2019	
Days	365	ACTUAL ENERGY =		160,592	MWH									
	SOURCE	DEMAND MW	DEMAND MW-MO	ENERGY MWH	LOAD FACTOR	DEMAND RATE \$/KW	ENERGY RATE \$/MWH	CONGESTION/L OSSES \$/MWH	CREDIT RATE \$/KW	TRANSMISSION CREDIT RATE \$/KW	TOTAL CHARGES	EFFECTIVE RATE \$/MWH	% OF DOLLARS	
	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(16)	(17)	(18)	
1	NYPA - Ohio	1.15	11.10	6,850	85%	\$6.69	\$12.89	\$1.85	-\$4.90		\$120,913	\$17.65	0.8%	
2	JV5	3.09	37.06	27,051	100%	\$29.16	\$20.46		-\$4.87	-\$4.90	\$1,271,870	\$47.02	8.9%	
3	JV5 Losses	0.00	0.00	395	0%						\$0	\$0.00	0.0%	
4	JV6	0.30	3.60	468	18%	\$5.31			-\$0.16	-\$0.36	\$17,272	\$36.92	0.1%	
5	AMP-Hydro	3.50	41.98	13,151	43%	\$54.68	\$24.24	\$6.90	-\$1.02		\$2,661,837	\$202.40	18.6%	
6	Meldahl	0.50	6.05	2,040	46%	\$32.14	\$24.08	\$2.11	-\$4.23		\$222,244	\$108.93	1.6%	
7	Greenup	0.33	3.96	996	34%	\$20.86	\$1.49	\$2.90	-\$3.53		\$73,000	\$73.26	0.5%	
8	AFEC	8.77	105.20	52,747	69%	\$8.79	\$24.57	\$6.10	-\$4.01		\$2,120,749	\$40.21	14.8%	
9	Prairie State	4.98	59.71	42,472	97%	\$29.41	\$17.57	\$6.72	-\$3.75		\$2,564,150	\$60.37	17.9%	
10	AMP Solar Phase I	1.04	12.48	1,098	12%		\$87.00				\$95,486	\$87.00	0.7%	
11	Morgan Stanley 2015-2020 7	3.80	45.60	33,288	100%		\$62.95	\$2.06			\$2,164,151	\$65.01	15.1%	
12	AMPCT	12.40	148.80	812	1%	\$2.55	\$90.55		-\$3.83	-\$3.92	-\$701,240	-\$863.29	-4.9%	
13	JV2	0.26	3.17	11	0%	\$2.52	\$52.60		-\$4.71	-\$3.45	-\$17,280	-\$1,560.79	-0.1%	
14	NPP Pool Purchases	0.00	0.00	4,273	0%		\$53.88				\$230,198	\$53.88	1.6%	
15	NPP Pool Sales	0.00	0.00	-25,443	0%		\$32.26				-\$820,906	\$32.26	-5.7%	
	POWER TOTAL	40.12	478.70	160,209	46%	\$6,814,850	\$4,727,834	\$786,409	-\$1,548,802	-\$777,848	\$10,002,443	\$62.43	69.8%	
16	Energy Efficiency	0.00	0.00	0							\$208,297	\$1.30	1.5%	
17	Installed Capacity	30.92	357.96	0		\$6.21					\$2,223,456	\$13.85	15.5%	
18	Transmission	29.69	356.24	133,158		\$4.90	\$0.44				\$1,805,495	\$11.24	12.6%	
19	Service Fee B			160,593			\$0.58				\$93,144	\$0.58	0.6%	
20	Dispatch Charge			160,592			\$0.01				\$1,706	\$0.01	0.0%	
	OTHER TOTAL					\$3,963,803	\$368,294				\$4,332,097	\$26.98	30.2%	
GRAND TOTAL PURCHASED				160,209							\$14,334,540			
Delivered to members		32.810		160,592							\$14,334,540	\$89.26	100.0%	
		DEMAND		ENERGY	L.F.						TOTAL \$	\$/MWh	Avg Temp	
2018 Forecast		35.81		164,287	52%						\$14,658,317	\$89.22	50.2	
2017 Actual		31.43		156,511	57%						\$13,486,992	\$86.17	51.9	
2016 Actual		35.90		164,069	52%						\$13,064,448	\$79.63	52.1	
											2018 Temp		51.9	

2019 Capacity Plan

Napoleon		Capacity Plan												
Total	2019	FORECASTED DEMAND =					31.33	MW	305.7		MW-MOS	03/11/2019		
Avg # of Days	30.4	FORECASTED ENERGY =					158,773	MWH						
	SOURCE	DEMAND	DEMAND	ENERGY	LOAD	DEMAND	ENERGY	CONGESTION	CAPACITY	TRANSMISSION	TOTAL	EFFECTIVE		
	(1)	MW	MW-MO	MWH	FACTOR	RATE	RATE	/LOSSES	CREDIT RATE	CREDIT RATE	CHARGES	RATE		
		(2)	(3)	(4)	(5)	\$/KW	\$/MWH	\$/MWH	\$/KW	\$/KW	(16)	\$/MWH		
1	NYPA	0.94	11	5,278	64%	\$6.77	\$15.00	\$1.18	-\$4.97		\$105,543	\$20.00		
2	JV5	3.09	37	27,051	100%	\$28.00	\$13.98		-\$3.83	-\$4.76	\$1,097,426	\$40.57		
3	JV6	0.30	4	556	21%	\$2.27	-\$6.00		-\$0.60	-\$0.49	\$905	\$1.63		
4	AMP HYDRO	3.50	42	17,773	58%	\$49.75	\$30.00	\$2.73	-\$1.23		\$2,618,522	\$147.33		
5	MELDAHL	0.50	6	2,667	60%	\$26.47	\$30.00	\$1.57	-\$3.36		\$223,967	\$83.99		
6	GREENUP	0.33	4	1,196	41%	\$23.57	\$3.00	\$0.89	-\$2.67		\$87,426	\$73.11		
7	AFEC Base	6.65	80	35,026	60%	\$9.30	\$30.99	\$2.95	-\$3.22		\$1,674,337	\$47.80		
8	AFEC Duct	2.12	25	5,464	29%	\$9.30	\$30.99	\$2.87	-\$3.22		\$339,618	\$62.15		
9	Prairie State	4.98	60	42,056	97%	\$32.44	\$9.45	\$2.83	-\$2.93		\$2,277,996	\$54.17		
10	AMP Solar Phase I	1.04	12	1,475	16%		\$87.00				\$128,282	\$87.00		
11	MS_2015-2020_7x24_AD	3.80	46	33,288	100%		\$62.95	\$0.57			\$2,114,469	\$63.52		
12	AMPCT	12.40	149			\$2.68			-\$3.12	-\$3.81	-\$632,748			
13	JV2	0.26	3			\$2.48			-\$3.55	-\$3.36	-\$14,028			
14	Pool Purchases			6,229	4%		\$30.67				\$191,031	\$30.67		
15	Pool Sales			-19,284	-12%		\$34.68				-\$668,811	\$34.68		
	POWER TOTAL			158,773		\$6,785,275	\$4,469,185	\$316,791	-\$1,271,579	-\$755,736	\$9,543,936	\$60.11		
16	Energy Efficiency										\$222,283	\$1.40		
17	Capacity	38.02	444			\$3.90					\$1,728,020	\$10.88		
18	Transmission/ANC	30.47	366	131,723	49%	\$4.76	\$0.62				\$1,822,099	\$11.48		
20	Dispatch Fees		444	27,541			\$0.75				\$20,656	\$0.75		
21	Service Fee B			157,299			\$0.58				\$91,233	\$0.57		
	OTHER TOTAL			158,773			\$2.62				\$3,884,290	\$24.46		
GRAND TOTAL PURCHASED				158,773							\$13,428,226			
Delivered to members		31.33	306	158,773	71%						\$13,428,226	\$84.57		
Other Charges														
Service Fee A											\$34,039			
Total Other Charges											\$34,039			
Existing Resources				171,829							\$10,021,716	\$58.32		
Balance of Energy Needs				-13,055							(\$477,781)	\$36.60		
AMP Fees				158,773							\$145,928	\$0.92		
Capacity				0.000							\$1,728,019.93	\$10.88		
Transmission/Anc./Dist.				38,015							\$1,822,099	\$13.83		
Delivered to members		31.330	305.710	158,773	71.18%	\$33.54	\$30.77				\$13,239,982	\$83.39		

Napoleon		Capacity Plan												
Total	2020	FORECASTED DEMAND =				31.48	MW	307.2			MW-MOS	03/11/2019		
Avg # of Days	30.4	FORECASTED ENERGY =				159,550	MWH							
		DEMAND	DEMAND	ENERGY	LOAD	DEMAND	ENERGY	CONGESTION	CAPACITY	TRANSMISSION	EFFECTIVE			
SOURCE		MW	MW-MO	MWH	FACTOR	RATE	RATE	/LOSSES	CREDIT RATE	CREDIT RATE	TOTAL	RATE		
(1)		(2)	(3)	(4)	(5)	\$/KW	\$/MWH	\$/MWH	\$/KW	\$/KW	CHARGES	\$/MWH		
1	NYPA	0.94	11	5,278	64%	\$6.77	\$15.00	\$1.18	-\$2.61		\$132,057	\$25.02		
2	JV5	3.09	37	27,051	100%	\$26.33	\$13.31		-\$2.61	-\$4.72	\$1,063,831	\$39.33		
3	JV6	0.30	4	556	21%	\$3.36	-\$6.00		-\$0.53	-\$0.65	\$4,513	\$8.12		
4	AMP HYDRO	3.50	42	17,773	58%	\$49.41	\$30.00	\$2.73	-\$1.21		\$2,604,886	\$146.56		
5	MELDAHL	0.50	6	2,667	60%	\$24.65	\$30.00	\$1.57	-\$3.33		\$213,126	\$79.92		
6	GREENUP	0.33	4	1,233	43%	\$23.58	\$3.00	\$0.88	-\$1.70		\$91,404	\$74.16		
7	AFEC Base	6.65	80	36,861	63%	\$9.30	\$29.37	\$2.70	-\$2.28		\$1,742,715	\$47.28		
8	AFEC Duct	2.12	25	5,602	30%	\$9.30	\$29.37	\$2.69	-\$2.28		\$357,990	\$63.91		
9	Prairie State	4.98	60	42,078	97%	\$33.07	\$14.68	\$2.83	-\$2.13		\$2,584,068	\$61.41		
10	AMP Solar Phase I	1.04	12	1,473	16%		\$87.00				\$128,178	\$87.00		
11	MS_2015-2020_7x24_AD	3.80	46	33,288	100%		\$62.95	\$0.57			\$2,114,469	\$63.52		
12	AMPCT	12.40	149			\$2.69			-\$2.12	-\$3.12	-\$378,927			
13	JV2	0.26	3			\$2.52			-\$2.41	-\$2.62	-\$7,950			
14	Pool Purchases			5,589	4%		\$28.80				\$160,977	\$28.80		
15	Pool Sales			-19,898	-12%		\$33.39				-\$664,346	\$33.39		
POWER TOTAL				159,550		\$6,741,551	\$4,638,091	\$312,740	-\$895,943	-\$649,448	\$10,146,992	\$63.60		
16	Energy Efficiency										\$223,370	\$1.40		
17	Capacity	36.40	435			\$2.61					\$1,136,966	\$7.13		
18	Transmission/ANC	31.48	378	132,499	48%	\$4.72	\$0.62				\$1,865,859	\$11.69		
20	Dispatch Fees		435	26,285			\$0.75				\$19,714	\$0.75		
21	Service Fee B			158,076			\$0.58				\$91,684	\$0.57		
OTHER TOTAL				159,550			\$2.61				\$3,337,593	\$20.92		
GRAND TOTAL PURCHASED				159,550								\$13,484,584		
Delivered to members		31.48	307	159,550	71%						\$13,484,584	\$84.52		
Other Charges														
Service Fee A											\$33,968			
Total Other Charges											\$33,968			
Existing Resources				173,859								\$10,650,361	\$61.26	
Balance of Energy Needs				-14,310								(\$503,369)	\$35.18	
AMP Fees				159,550								\$145,366	\$0.91	
Capacity				0.000								\$1,136,966.22	\$7.13	
Transmission/Anc./Dist.				36,397								\$1,865,859	\$14.08	
Delivered to members		31.480	307.220	159,550	71.18%	\$31.45	\$31.68				\$13,295,183	\$83.33		

Napoleon		Capacity Plan											
Total	2021	FORECASTED DEMAND =		31.64	MW				308.7	MW-MOS	03/11/2019		
Avg # of Days	30.4	FORECASTED ENERGY =		160,330	MWH								
		DEMAND	DEMAND	ENERGY	LOAD	DEMAND	ENERGY	CONGESTION	CAPACITY	TRANSMISSION	TOTAL	EFFECTIVE	
SOURCE		MW	MW-MO	MWH	FACTOR	RATE	RATE	/LOSSES	CREDIT RATE	CREDIT RATE	CHARGES	RATE	
(1)		(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(16)	(17)	
1	NYPA	0.94	11	5,278	64%	\$6.77	\$15.00	\$1.18	-\$4.03		\$116,197	\$22.02	
2	JV5	3.09	37	27,051	100%	\$26.93	\$14.22		-\$4.03	-\$5.47	\$1,030,527	\$38.10	
3	JV6	0.30	4	556	21%	\$3.33	-\$6.00		-\$0.66	-\$0.76	\$3,573	\$6.42	
4	AMP HYDRO	3.50	42	17,773	58%	\$49.02	\$30.00	\$2.73	-\$1.48		\$2,577,194	\$145.01	
5	MELDAHL	0.50	6	2,667	60%	\$24.50	\$30.00	\$1.57	-\$4.23		\$206,756	\$77.53	
6	GREENUP	0.33	4	1,196	41%	\$25.75	\$3.00	\$0.89	-\$2.77		\$95,652	\$79.99	
7	AFEC Base	6.65	80	38,091	65%	\$8.91	\$29.61	\$2.77	-\$3.96		\$1,628,185	\$42.74	
8	AFEC Duct	2.12	25	5,966	32%	\$8.91	\$29.61	\$2.74	-\$3.96		\$318,669	\$53.41	
9	Prairie State	4.98	60	42,196	97%	\$33.29	\$15.38	\$2.83	-\$3.16		\$2,567,278	\$60.84	
10	AMP Solar Phase I	1.04	12	1,472	16%		\$87.00				\$128,074	\$87.00	
11	AMPCT	12.40	149			\$2.69			-\$3.15	-\$3.61	-\$605,130		
12	JV2	0.26	3			\$2.57			-\$2.80	-\$2.94	-\$10,043		
13	Pool Purchases			22,129	14%		\$28.13				\$622,553	\$28.13	
14	Pool Sales			-4,045	-3%		\$32.48				-\$131,393	\$32.48	
POWER TOTAL				160,330		\$6,727,364	\$3,649,832	\$301,226	-\$1,378,153	-\$752,175	\$8,548,094	\$53.32	
15	Energy Efficiency										\$224,462	\$1.40	
16	Capacity	37.84	447			\$4.05					\$1,810,280	\$11.29	
17	Transmission/ANC	31.64	380	133,279	48%	\$5.47	\$0.62				\$2,159,813	\$13.47	
19	Dispatch Fees		447	25,390			\$0.75				\$19,042	\$0.75	
20	Service Fee B			158,858			\$0.58				\$92,137	\$0.57	
OTHER TOTAL				160,330			\$2.61				\$4,305,734	\$26.86	
GRAND TOTAL PURCHASED				160,330								\$12,853,828	
Delivered to members		31.64	309	160,330	71%						\$12,853,828	\$80.17	
Other Charges													
Service Fee A											\$34,134		
Total Other Charges											\$34,134		
Existing Resources				142,246								\$8,056,933	\$56.64
Balance of Energy Needs				18,084								\$491,160	\$27.16
AMP Fees				160,330								\$145,314	\$0.91
Capacity				0.000								\$1,810,280.21	\$11.29
Transmission/Anc./Dist.				37,838								\$2,159,813	\$16.21
Delivered to members		31.640	308.710	160,330	71.18%	\$34.39	\$25.37				\$12,663,500	\$78.98	

Napoleon		Capacity Plan										
Total	2022	FORECASTED DEMAND =		31.79	MW					310.2	MW-MOS	03/11/2019
Avg # of Days	30.4	FORECASTED ENERGY =		161,114	MWH							
SOURCE	(1)	DEMAND MW	DEMAND MW-MO	ENERGY MWH	LOAD FACTOR	DEMAND RATE \$/KW	ENERGY RATE \$/MWH	CONGESTION /LOSSES \$/MWH	CAPACITY CREDIT RATE \$/KW	TRANSMISSION CREDIT RATE \$/KW	TOTAL CHARGES	EFFECTIVE RATE \$/MWH
		(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(16)	(17)
1	NYPA	0.94	11	5,278	64%	\$6.77	\$15.00	\$1.18	-\$4.60		\$109,695	\$20.78
2	JV5	3.09	37	27,051	100%	\$31.86	\$14.35		-\$4.60	-\$5.65	\$1,188,540	\$43.94
3	JV6	0.30	4	556	21%	\$3.45	-\$6.00		-\$0.75	-\$0.78	\$3,569	\$6.42
4	AMP HYDRO	3.50	42	17,773	58%	\$49.49	\$30.00	\$2.73	-\$1.68		\$2,588,719	\$145.65
5	MELDAHL	0.50	6	2,667	60%	\$24.70	\$30.00	\$1.57	-\$4.28		\$207,692	\$77.88
6	GREENUP	0.33	4	1,196	41%	\$25.92	\$3.00	\$0.89	-\$3.37		\$93,971	\$78.58
7	AFEC Base	6.65	80	36,828	63%	\$9.03	\$30.01	\$2.80	-\$4.52		\$1,567,988	\$42.58
8	AFEC Duct	2.12	25	5,828	31%	\$9.03	\$30.01	\$2.76	-\$4.52		\$305,448	\$52.41
9	Prairie State	4.98	60	42,166	97%	\$34.23	\$15.13	\$2.83	-\$3.83		\$2,572,114	\$61.00
10	AMP Solar Phase I	1.04	12	1,471	16%		\$87.00				\$127,970	\$87.00
11	AMPCT	12.40	149			\$2.70			-\$3.59	-\$3.73	-\$687,504	
12	JV2	0.26	3			\$2.57			-\$3.20	-\$3.04	-\$11,630	
13	Pool Purchases			23,932	15%		\$27.93				\$668,534	\$27.93
14	Pool Sales			-3,632	-2%		\$32.46				-\$117,871	\$32.46
	POWER TOTAL			161,114		\$7,001,046	\$3,677,456	\$298,511	-\$1,582,430	-\$777,347	\$8,617,236	\$53.49
15	Energy Efficiency										\$225,559	\$1.40
16	Capacity	38.02	449			\$4.61					\$2,072,189	\$12.86
17	Transmission/ANC	31.79	381	134,063	48%	\$5.65	\$0.62				\$2,239,986	\$13.90
19	Dispatch Fees		449	27,605			\$0.75				\$20,704	\$0.75
20	Service Fee B			159,643			\$0.58				\$92,593	\$0.57
	OTHER TOTAL			161,114			\$2.62				\$4,651,031	\$28.87
GRAND TOTAL PURCHASED				161,114							\$13,268,266	
Delivered to members		31.79	310	161,114	71%						\$13,268,266	\$82.35
Other Charges												
Service Fee A											\$34,301	
Total Other Charges											\$34,301	
Existing Resources				140,813							\$8,066,573	\$57.29
Balance of Energy Needs				20,300							\$550,663	\$27.13
AMP Fees				161,114							\$147,597	\$0.92
Capacity				161,114							\$2,072,189.38	\$12.86
Transmission/Anc./Dist.				38,017							\$2,239,986	\$16.71
Delivered to members		31.790	310.230	161,114	71.18%	\$36.20	\$25.44				\$13,077,008	\$81.17

Napoleon		Capacity Plan												
Total	2023	FORECASTED DEMAND =				31.95	MW	311.7			MW-MOS	03/11/2019		
Avg # of Days	30.4	FORECASTED ENERGY =				161,901	MWH							
	SOURCE	DEMAND MW	DEMAND MW-MO	ENERGY MWH	LOAD FACTOR	DEMAND RATE \$/KW	ENERGY RATE \$/MWH	CONGESTION /LOSSES \$/MWH	CAPACITY CREDIT RATE \$/KW	TRANSMISSION CREDIT RATE \$/KW	TOTAL CHARGES	EFFECTIVE RATE \$/MWH		
	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(16)	(17)		
1	NYPA	0.94	11	5,278	64%	\$6.77	\$15.00	\$1.18	-\$4.14		\$114,948	\$21.78		
2	JV5	3.09	37	27,051	100%	\$31.32	\$14.47		-\$4.14	-\$5.77	\$1,184,552	\$43.79		
3	JV6	0.30	4	556	21%	\$3.10	-\$6.00		-\$0.67	-\$0.80	\$2,574	\$4.63		
4	AMP HYDRO	3.50	42	17,773	58%	\$49.95	\$30.00	\$2.73	-\$1.69		\$2,607,184	\$146.69		
5	MELDAHL	0.50	6	2,667	60%	\$24.76	\$30.00	\$1.57	-\$4.15		\$208,813	\$78.30		
6	GREENUP	0.33	4	1,196	41%	\$25.91	\$3.00	\$0.89	-\$3.15		\$94,794	\$79.27		
7	AFEC Base	6.65	80	36,362	62%	\$8.85	\$28.90	\$2.69	-\$4.01		\$1,534,928	\$42.21		
8	AFEC Duct	2.12	25	5,866	32%	\$8.85	\$28.90	\$2.68	-\$4.01		\$308,226	\$52.54		
9	Prairie State	4.98	60	42,254	97%	\$34.78	\$15.63	\$2.83	-\$3.75		\$2,633,129	\$62.32		
10	AMP Solar Phase I	1.04	12	1,470	16%		\$87.00				\$127,867	\$87.00		
11	AMPCT	12.40	149			\$2.30			-\$3.18	-\$3.81	-\$698,234			
12	JV2	0.26	3			\$2.37			-\$3.04	-\$3.11	-\$11,958			
13	Pool Purchases			25,224	16%		\$27.37				\$690,338	\$27.37		
14	Pool Sales			-3,796	-2%		\$32.29				-\$122,548	\$32.29		
POWER TOTAL				161,901		\$6,953,649	\$3,660,347	\$293,076	-\$1,438,726	-\$793,734	\$8,674,612	\$53.58		
15	Energy Efficiency										\$226,662	\$1.40		
16	Capacity	37.22	447			\$4.14					\$1,847,759	\$11.41		
17	Transmission/ANC	31.95	383	134,850	48%	\$5.77	\$0.62				\$2,297,029	\$14.19		
19	Dispatch Fees		447	28,732			\$0.75				\$21,549	\$0.75		
20	Service Fee B			160,431			\$0.58				\$93,050	\$0.57		
OTHER TOTAL				161,901			\$2.62				\$4,486,049	\$27.71		
GRAND TOTAL PURCHASED				161,901							\$13,160,661			
Delivered to members		31.95	312	161,901	71%						\$13,160,661	\$81.29		
Other Charges														
Service Fee A											\$34,468			
Total Other Charges											\$34,468			
Existing Resources				140,473							\$8,106,822	\$57.71		
Balance of Energy Needs				21,429							\$567,790	\$26.50		
AMP Fees				161,901							\$149,068	\$0.92		
Capacity				161,901							\$1,847,759.22	\$11.41		
Transmission/Anc./Dist.				134,850							\$2,297,029	\$17.03		
Delivered to members		31.950	311.720	161,901	71.19%	\$35.34	\$25.23				\$12,968,468	\$80.10		



CITY OF NAPOLEON, OHIO

OPERATIONS DEPARTMENT

PO Box 151, 1775 INDUSTRIAL DR.

NAPOLEON, OH 43545

PHONE: (419) 599-1891 FAX: (419) 592-4379

WEB PAGE: WWW.NAPOLEONOHIO.COM

Operations Superintendent

Jeffery H. Rathge

Water Distribution Foreman

Brian Okuley

Streets/Sewer Foreman

Roger Eis

Refuse/Recycling Foreman

Perry Hunter

Head Mechanic

Tony Kuhlman

PRESS RELEASE

Seasonal Cleanup

The City of Napoleon's spring cleanup, for those who receive regular City refuse service, is scheduled from Monday, April 29, 2019 through Friday, May 3, 2019.

A complete list of rules and regulations along with the street schedule is available at www.napoleonohio.com. Per ordinance #088-08, residents are reminded that material or other items placed for pick up shall be at the curb no more than five (5) days in advance of the subscriber's scheduled seasonal pick up day. Items placed at the curb earlier than five (5) days in advance of the scheduled pick up day will be treated by the City as a 'special pick up' with charges being assessed to the subscriber or person responsible for placement.

Please contact the Operations Department between 7:00 AM and 3:30 PM at 419-599-1891 with any questions regarding this matter.

###

AMP Update for March 29, 2019

American Municipal Power, Inc.

Fri 3/29/2019 3:46 PM

To: Roxanne Dietrich <rdietrich@napoleonohio.com>;

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March Board meeting update

By Marc Gerken, P.E. - president/CEO

The AMP Board of Trustees held its monthly meeting, March 21. Below is a brief, high-level update of the meeting.

Finance

The Board approved four resolutions in connection with member electric system improvements. Three of the resolutions authorized the renewal of Bond Anticipation Notes (BANs) through the Ohio Market Access Program for the purpose of refunding the respective 2018 BANs on behalf of Versailles, Monroeville and Holiday City; and the fourth resolution authorized Brewster to make a draw on the AMP Line of Credit to provide interim financing for an electric system project.

Power supply and generation projects

Generation Project Committees and Power Supply and Generation Committee met and received informational updates. Committee and Board approved a motion supporting power supply strategy for the upcoming MISO capacity auction. Hydro Phase I and Meldahl/Greenup Participants Committees met and received informational updates including with respect to ongoing litigation.

Legislative

The Legislative Committee heard monthly updates on activity at statehouses in our footprint states, as well as issues of interest being debated in Congress. Among the items covered were the results of the Kentucky and West Virginia state legislative sessions - both states have shortened sessions. A number of items were on the watch list in Kentucky, including municipal joint action, solar and net metering bills. The committee also discussed the anticipated attacks on the municipal electric local share of the kilowatt-hour tax that may be back on the table in Ohio. Members will be receiving updates and calls to action as this issue takes shape and it remains important for Ohio municipal electric systems to remind their state lawmakers about the critical role the tax plays locally. Legislators in Ohio and Pennsylvania will both be debating legislative vehicles to provide subsidies to nuclear plants - which could result in additional costs for members. On the federal level, the committee was updated on the heightened interest in climate legislation. This is an area that the Board will be looking more closely at in the coming months.

Efficiency Smart

The Board approved moving forward with two new energy efficiency programs - a demand-mitigation focused subscription option that will join the energy-reduction program already in place on the Efficiency Smart menu and a demand thermostat program that will be available to all AMP members on the a la carte Efficiency Smart menu. More information about both will be available to members in the coming month and we're excited about this new focus that will meet expressed member needs.

Strategic Plan

The Board was updated on strategic planning alignment sessions held with the staff strategic planning teams and executive management. Upcoming initiatives include a comprehensive member survey to gain feedback and refine a report that members can use to compare best practices, as well as the launch of a new initiative dedicated to economic development. On the latter, members who would like to be involved in crafting efforts are encouraged to contact Jolene Thompson.

Board members also heard updates on compliance activities from the safety, NERC and environmental groups. All reported strong records for 2018.

RTO and Transmission

The Board was updated on FERC activities, including FERC's recent ruling against JEA on JEA's request to make its contract with Municipal Electric Authority of Georgia for its share of the Vogtle Nuclear Plant FERC jurisdictional. AMP also met with FERC Commissioners and FERC staff to discuss AMP's position and concerns with the upcoming PJM filings on energy price formation and supplemental transmission projects. The PJM Board responded to an AMP generated letter expressing dismay that PJM staff determined not to accept a supermajority vote by the members to include PJM manual language seeking more transparency on supplemental projects. The Board opined that the members' request was "... beyond the scope that FERC established in its recent orders, and beyond the limits of its authority as conferred upon PJM through the Consolidated Transmission Owners Agreement." For 2019 to date, there have been no PJM-planned baseline facilities proposed. There have been \$619 million of supplemental projects and \$419 million of TO criteria projects.

As a result of PJM's last capacity filing, the Commission determined that the Minimum Offer Price Rule aspect of the current construct was not just and reasonable, but has not ruled on proposed modifications. Without a FERC ruling on PJM's proposal, PJM is working to determine how best to meet looming deadlines for its mandatory resource adequacy construct.

If you have any questions or need additional information about the Board meeting, please contact me at mgerken@amppartners.org or 614.540.1111.

FERC approves AMP Transmission's PJM Formula

By Pamala Sullivan - AMPT president



On March 26, the Federal Energy Regulatory Commission (FERC) issued an order approving, with minor conditions, the proposed formula rate template and implementation protocols (together, Formula Rate) to recover AMP Transmission, LLC's (AMPT) transmission revenue requirement for integrated transmission facilities it owns in the PJM region, with an effective date of Jan. 1, 2019.

Some of AMP members' electric facilities were impacted by the change to the North American Electric Reliability Corporation (NERC) definition of the Bulk Electric System (BES) that became effective on June 1, 2016. At AMP members' request, AMP worked with its members to identify and explore alternatives to address the transmission owner (TO) requirements that are required of entities who own and operate BES transmission facilities. The AMP Board of Trustees determined formation of AMPT was the best approach to meet its members' needs and comply with the newly applicable TO obligations and also achieve economies of scope and scale. Consequently, the AMP Board of Trustees authorized the formation of AMPT to address the NERC compliance responsibilities through joint-action.

On Sept. 26, 2018, AMPT closed on the purchase, for net book value, of facilities from member community Napoleon, consisting of four 138 kV SF6 Siemens breakers and associated equipment that have been designated as bulk transmission facilities by NERC. AMPT also purchased 50 percent of certain other equipment in connection with the operation of the BES facilities and entered into a long term

lease of the land upon which the facilities are located. AMPT became a PJM member on Oct. 5, 2018, and executed PJM's Consolidated Transmission Owners Agreement on Oct. 8, 2018.

On Nov. 1, 2018, AMPT filed its proposed Formula Rate that included a populated version of the proposed template providing its 2019 Projected Transmission Revenue Requirement (PTRR) in the American Transmission Systems, Incorporated (ATSI) transmission zone (ATSI is FirstEnergy's transmission-owning affiliate).

Like most other PJM TOs, AMPT's rate is a projected rate. Accordingly, each fall, AMPT will forecast its upcoming Rate Year PTRR to be included in a PJM transmission zone in which it owns integrated transmission facilities and recovered from the total zone, as opposed to just the municipality that formerly owned the assets. Then, in the spring of the year after the Rate Year, AMPT will develop and post its Actual Transmission Revenue Requirement (ATRR) for the Rate Year. Any difference between the PTRR and the ATRR for a given Rate Year will constitute the True-Up Adjustment for the Rate Year, to be reflected in the PTRR posted the following fall.

AMPT's Formula Rate uses a cash-flow formula that is more appropriate for its circumstances because it allows AMPT to closely match expected revenue with the time of debt service requirements in a way that the non-levelized approach does not. AMPT selected the cash-flow formula to ensure that it receives the revenue it needs each month to service its debt. AMPT's rate provides for recovery of debt service payments plus a Margin Requirement, operation and maintenance (O&M) expense, administrative and general (A&G) expense, taxes other than income taxes, and charges to amortize deferred costs. AMPT's Margin Requirement is the dollar amount that results from applying the Margin Factor to annual debt service. The Margin Factor is a percentage of AMPT's debt service. AMPT was also authorized to recover its deferred startup costs.

FirstEnergy (FE), American Electric Power Service Corporation (AEP), and the Dayton Power and Light Company (DP&L) (collectively, Ohio TOs) filed several protests of AMPT's proposed Formula Rate. FERC ruled against the Ohio TOs definitively on all arguments except one minor point.

Specifically, FERC held that "AMP Transmission's proposal for cost recovery is comparable to the transmission facilities being recovered by the respective incumbent transmission owners in their transmission zones, which is provided for in the PJM OATT. While the Initial Facilities may have been originally built primarily to meet the needs of the City of Napoleon, Ohio, as transmission facilities now under PJM's functional control, they are available for use in providing transmission service to any network service customer in the ATSI transmission zone and are appropriately recoverable from all network load in the ATSI transmission zone."

Additionally, FERC found AMPT's proposal for computing the debt service expense component of the Template complies with Commission policy. FERC approved AMPT's proposal for splitting the "generic" start-up costs 50/50 between ATSI and customers in a PJM transmission zone where AMPT may acquire assets in the future as reasonable. FERC also found AMPT's proposed 0.40 Margin Factor just and reasonable. Importantly, FERC stated: "Contrary to the assertions of Indicated Transmission Owners, we find AMP Transmission's goal of receiving an A credit rating to be reasonable, as a strong credit rating will allow AMP Transmission to access capital on favorable terms." FERC rejected the Ohio TOs' request to limit AMPT to a 0.10 Margin Factor based on AMP's 10 percent debt service buffer. FERC agreed with AMPT that there are significant differences between AMP's power sales contracts with member municipalities, and AMPT's proposed formula rate to recover transmission costs in PJM.

FERC did agree with the Ohio TOs that AMPT's template could not, in all instances, be used in a PJM transmission zone that uses a non-calendar-based Rate Year. Accordingly, FERC directed AMPT to revise the template and file the revised version within 30 days, which AMPT will do.

Approval of AMPT's PJM Formula Rate is an important step to ensure its success. Having the formula rate template in place serves as a framework for recovering costs of facilities that meet the definition of transmission facilities in the PJM tariff. Now that the AMPT formula has been accepted, the costs of transmission facilities may be included in AMPT's annual revenue requirement calculations subject to challenge through the AMPT Protocols or a section 206 complaint, if another interested party is concerned that AMPT is improperly recovering costs for a facility that is not a transmission facility. While the Formula Rate applies across all PJM TO zones, in order to recover costs in a TO zone other than ATSI, AMPT must create a populated PTRR for recovery of costs of Transmission Facilities it acquires in that zone.

Please do not hesitate to contact Lisa McAlister at 614.540.6400 or Ed Tatum at 614.540.0941 if you have any questions regarding AMPT or AMPT's transmission rate.

Annual Services Guide now available

By Holly Karg - director of media relations and communications

The latest edition of *Amplifier* was sent out this week and is also available to view on the [member extranet](#) (login required). This edition is the 2019 Annual Services Guide, which provides information about the products and services provided by AMP, biographical information on AMP staff and other important information on public power.



As part of AMP's sustainability principles, *Amplifier* has been made available in digital format. If you would like to join our efforts and receive the digital edition, rather than print, please contact Zachary Hoffman at zhoffman@amppartners.org.

If you have questions about *Amplifier* or would like to suggest a story or topic for coverage, please contact me at hkarg@amppartners.org.

APPA to hold Public Power Lineworkers Rodeo March 29-30

By Jennifer Flockerzie - manager of technical services logistics

The American Public Power Association (APPA) is set to hold their annual Public Power Lineworkers Rodeo, March 29-30, in Colorado Springs, Colo. The Public Power Lineworkers Rodeo is the foremost showcase of public power lineworker skill and knowledge. At the Rodeo, journeyman and apprentice lineworkers from around the country compete for professional recognition, attend training courses and practice essential skills in a safe environment.

Winners of AMP's Annual Lineworkers Rodeo are sent to compete at APPA's Rodeo. Cleveland and Westerville will both be sending teams and apprentices to compete, and Jackson Center will be sending a judge. Please join us in wishing them good luck this weekend!

Energy Market update

By Jerry Willman - assistant vice president of energy marketing

May 2019 natural gas is now trading as the prompt month contract and decreased \$0.007/MMBtu to close at \$2.712 yesterday. The EIA reported a withdrawal of 36 Bcf for the week ending March 22, which was slightly below market expectations of 39 Bcf. Natural gas storage exiting the heating season is expected to have a balance of 1.1 TCF, which is about 33 percent below the five-year average for this time of year. Cool weather remains in the area for this weekend and early next week, but the April forecast is mild.

On-peak power prices for 2020 at AD Hub closed yesterday at \$36.15/MWh, which decreased \$0.20/MWh for the week.

On Peak (16 hour) prices into AEP/Dayton hub				
Week ending March 29				
MON	TUE	WED	THU	FRI
\$31.08	\$31.00	\$28.61	\$25.51	\$27.36
Week ending March 22				
MON	TUE	WED	THU	FRI
\$37.61	\$33.56	\$32.39	\$33.75	\$30.64
AEP/Dayton 2020 5x16 price as of March 28 — \$36.15				
AEP/Dayton 2020 5x16 price as of March 21 — \$36.35				

AFEC weekly update

By Jerry Willman

The AMP Fremont Energy Center (AFEC) operated in 2x1 configuration for the week. The plant remained online all week and AFEC's output range varied between minimum base and duct fire range. PJM's dispatch of the plant is migrating from a morning and evening dual-peak ramp to just a morning-peak ramp as the weather gradually becomes more mild. Duct firing operated for 93 hours this week. The plant generated at an 84 percent capacity factor (based on 675 MW rating).

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Upcoming webinars include:

- Electric Vehicles: Accelerating to the Future:
April 3, 2019
- Managing a Public Power Utility Enterprise:
April 5, 2019
- Smart Cities: Can Public Power Be an Enabler?:
April 16, 2019
- A Board's Legal and Fiduciary Responsibilities:
April 19, 2019



Classifieds

Members interested in posting classifieds in Update may send a job description with start and end advertisement dates to zhoffman@amppartners.org. There is no charge for this service.

City of Shelby seeks applicants for electric lineworker

The City of Shelby is seeking applicants for the position of electric lineworker. The position is responsible for the operation, maintenance, construction, troubleshooting and repair of the city's electric distribution and transmission system. Operates heavy equipment including bucket trucks, digger derricks, forklifts and stationary generators for the production of electricity; constructs new service lines and makes repairs; maintains street and security lights; analyzes and repairs the electric system during outage situations.

Requires a high school diploma or equivalent; the successful completion of a minimum of four years of progressive on the job work and technical training in all line craftwork, or four years as a qualified journeyman lineman; Commercial Class B Driver's License.

The city offers an excellent comprehensive insurance package without pay withdraws. The hourly rate is \$29.00-\$30.00 per hour plus applicable miscellaneous pay. Qualified applicants are eligible for the vacation accrual schedule.

Interested applicants can pick up and return their application at Shelby City Hall, 43 W. Main St., Shelby, OH 44875 or by accessing the online application at www.shelbycity.oh.gov. Please call 419.342.4085 with any questions.

City of Orrville seeks applicants for water treatment plant supervisor

The City of Orrville is seeking applicants for the position of water treatment plant supervisor. The work involves planning, scheduling and directing the work of water plant operators in the efficient and economical operation of the water plant. Work includes preparation and/or review of reports and initiating or directing treatment process adjustments. Work involves planning, scheduling and directing the work of maintenance employees engaged in the construction and maintenance of the water plant's equipment, buildings and systems, distribution systems, facilities and all related property. Must possess State of Ohio Class III Water Plant Operator License. Associates degree from a college, university or technical school preferred, plus thorough experience in the operation of a municipal water plant or equivalent combination of education and experience required.

Details at www.orrville.com, or call 330.684.5047. Please forward resume and a copy of your Ohio Water Plant Operator License to the City of Orrville's Human Resources Office, 207 N. Main, Orrville, OH 44667 or pmcfarren@orrville.com by April 15, 5 p.m. Pay is \$30.97-\$41.83, plus benefits. The City of Orrville will not consider for employment nor hire any individual who smokes or uses any form of tobacco products. EOE

City of Bowling Green seeks applicants for two positions

Journeyman lineman

The City of Bowling Green is seeking applicants for the position of journeyman lineman. This position is responsible for constructing, maintaining, troubleshooting and repairing the city's electrical distribution system. Operates equipment; maintains service lines; analyzes outage situations; repairs outage situations; connects new customers to electrical power; maintains street lights; informs public of work. Requirements: High school diploma or equivalent; successful completion of a lineman apprenticeship program; Commercial Class A driver's license; three to five years of relevant experience.

Interested persons must complete an application packet that is available either by visiting the Personnel Department of the City of Bowling Green at 304 N. Church St., Bowling Green, OH 43402-2399 or by accessing the online application available at www.bgoohio.org. Resumes may be included, but will not substitute for a completed application. All completed application materials must be returned to the Personnel Department by one of the following methods: via email to BGPersonnel@bgoohio.org, via fax to 419.352.1262 or via U.S. Mail or hand-delivery to the address above. Office hours are Monday through Friday, 8:00 a.m.-4:30 p.m. You may reach the Personnel Department by phone at 419.354.6200. Deadline for making application is April 5, 4:30 p.m. AA/EOO

Wastewater treatment plant operator

The City of Bowling Green is seeking applicants for the position of wastewater treatment plant operator. This hourly position is responsible for oversight of the operation of the wastewater treatment plant,

ensuring effluent quality and proper/efficient plant operation. Oversees plant operations; checks equipment; performs lab tests; monitors plant via computer and plant walk through rounds; performs maintenance duties; operates trucks and other equipment; removes Biosolids (hauls sludge); collects samples; attends training; prepares/maintains documentation; performs custodial tasks and other related duties as assigned. Works both indoors and outdoors; works alone; irregular work schedules; must be available to work shift work, weekends and holidays. High school diploma or equivalent; Ohio Environmental Protection Agency (OEPA) Wastewater Treatment Certifications preferred; valid Class A Commercial driver's license required or must be able to obtain within six months of hire; must obtain a Class I OEPA Wastewater Treatment Certification within two years of hire; three to five years of relevant experience. A copy of the job description will be provided to all applicants.

Interested persons must complete an application packet that is available either by visiting the Personnel Department of the City of Bowling Green at 304 N. Church St., Bowling Green, OH 43402-2399 or by accessing the online application available at www.bgohio.org. Resumes may be included, but will not substitute for a completed application. All completed application materials must be returned to the Personnel Department by one of the following methods: via email to BGPersonnel@bgohio.org, via fax to 419.352.1262 or via U.S. Mail or hand-delivery to the address above. Office hours are Monday through Friday, 8:00 a.m.-4:30 p.m. You may reach the Personnel Department by phone at 419.354.6200. Deadline for making application is April 5, 4:30 p.m. AA/EEO

City of Bryan seeks applicants for IT technician/help desk support

The City of Bryan is seeking applicants for the position of IT technician/help desk support. Under the direction of the communications superintendent, this position provides technical support of desktop computers, applications and related technology; troubleshoots, identifies, researches and resolves technical problems; documents, tracks and monitors problems to ensure a timely resolution. Also performs a variety of maintenance, software and hardware installation, and training tasks to ensure end-user workstations and network performance meet utilities and user requirements.

Position requires an associate's degree in technical field; five to seven years of experience in the field or a related technical area; or an equivalent combination of education and experience which provides the knowledge, skills and abilities needed to perform essential functions of the position. Applicants must have a valid driver's license. A full job description may be downloaded at www.cityofbryan.net/employment. Please submit resume to Bryan Municipal Utilities, 841 E. Edgerton St., Bryan, OH 43506; or email to humanresources@cityofbryan.com or apply in person between 8 a.m. and 4 p.m., Monday through Friday.

City of Painesville seeks applicants for two positions

Water superintendent

The City of Painesville is seeking a qualified individual to fill the position of water superintendent, supervising the departments of Water Treatment Plant and Water Distribution. Salary range depends on qualifications. Position is responsible for a full range of supervisory, professional and administrative work in the direction of the municipal water distribution system and water treatment plant. Duties are highly specialized and require considerable independent discretion and adherence to city and state policies, rules and regulations.

Candidate must possess a high school diploma or equivalent, valid Class IV Operator Water Supply Certificate from the Ohio EPA. Five years of progressively more responsible work experience in water system management and operation preferred. Submit resume, work-related references and salary history to Human Resources, City of Painesville, P.O. Box 601, Painesville, OH 44077-0601 or email to hr@painesville.com. For full position description, please visit www.painesville.com. EOE, drug and alcohol-free workplace.

Maintenance worker II

The City of Painesville is seeking a qualified individual to fill the position of water superintendent, working on the Public Works team. Starting pay begins at \$17.76 per hour. Position is responsible for installation and maintenance of water mains and service lines, water meters and fire hydrants, sewer mains and service lines, manholes and catch basins. Operates a motor roller, sewer jet machines, sewer rodder machines, small and large excavators, wheel loaders, dozers, backhoes and other vehicles and machinery. Repairs asphalt, concrete, gravel and dirt surfaced streets, and more.

Candidate must possess a high school diploma or equivalent and a valid Ohio driver's license with the ability to attain a commercial driver's license within one year of hire. Must have experience in a construction and maintenance work relating to the area of assignment, including experience in the operation of automotive equipment. Different combination of education and experience may be deemed equivalent. Submit resume and work-related references to Human Resources, City of Painesville, P.O.

Box 601, Painesville, OH 44077-0601 or email to hr@painesville.com. For full position description, please visit www.painesville.com. EOE, drug and alcohol-free workplace.

Borough of Ephrata seeks applicants for electric engineer

The Borough of Ephrata is seeking applicants for the position of electric engineer. Ephrata is located within one to two hours of three major cities: Philadelphia, Baltimore and New York. The Borough has approximately 6,600 meters in a service area of 3.4 square miles. This position provides technical supervision, planning, organizing and direction of functions in the operation and maintenance of the electrical distribution system. Some of the duties include providing technical assistance in the design, engineering, sizing, selection and maintenance of electric distribution components; providing guidance for the maintenance, operation and construction of the electric distribution system and substations to ensure system reliability and the availability of energy supply to all customers; recommending and implementing improvements to operating distribution system and equipment to ensure system reliability is maintained and losses are minimized. Must have a demonstrated ability to use Outlook, Word and Excel proficiently; ability to communicate effectively with employees, customers, government agencies, union leaders, council and board members. Prior responsibility for maintenance of process equipment, upgrading technology and a working knowledge of electrical distribution systems and components is highly desirable.

Graduates of a four-year electrical engineering program with an emphasis on power engineering preferred. Willing to consider graduate engineering program, however, experience in the operations and maintenance of electric distribution is preferred. The Borough offers an attractive wage, comprehensive benefit package and a workplace with an emphasis on quality and teamwork. To apply, complete an application at the Borough offices or send a resume to: Human Resources Department, Borough of Ephrata, 124 S. State St., Ephrata, PA 17522 or skramer@ephrataboro.org. View job openings at www.ephrataboro.org. For a full job description, click [here](#).

City of Milford seeks applicants for electric superintendent

The City of Milford Public Works Department is seeking applicants for the position of electric superintendent. The electric superintendent oversees the overall operations of the city's electric system that serves approximately 7,500 homes and businesses from two substations in an approximately 12 square mile service territory, covering all of Milford and portions of unincorporated areas of Kent and Sussex Counties. The system peaks at just over 46,000 MW and delivers over 225 million kWh annually.

The electric superintendent supervises approximately 10 employees and is responsible for construction, maintenance and design of the distribution system, including substation operations and maintenance. Electricity is purchased in bulk from the Delaware Municipal Electric Corporation. Work is performed under the general supervision of the public works director.

The city is seeking applicants with a bachelor degree in electrical engineering (preferred) or a related field with at least five years of experience; or 10 years of experience in the electric utility industry with considerable supervisory and management experience may be substituted for a degree; or any combination of education and experience equivalent to the requirements. Possession of a valid Delaware vehicle operator's license and Class B CDL (minimum - within one year of the date of hire) is required.

Salary range: \$84,136-\$107,681.60 based on qualifications and experience.

To apply: Click [here](#) and attach your resume.

The position will remain open until filled.

Opportunities available at AMP

AMP is seeking applicants for the following positions:

Public relations and communications intern

Generation operations intern

Vice president of finance

For complete job descriptions, please visit the [AMP careers page](#).

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Ohio Municipal League

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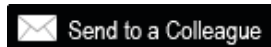
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Legislative Bulletin

April 5, 2019

OML UPDATE AT-A-GLANCE

Here are the top three things you need to know from this past week:

- The Governor's Executive Budget proposal for FY 20-FY 21 projects that the economic expansion that started in 2009 will extend at least through the end of FY 19. If it were to last through July 2019, it will match the longest economic expansion on record, which lasted 120 months in the 1990s.
- The state has issued 11 businesses tax credits for expansion. The tax credits are projected to create 1,715 new jobs, retain 1,448 current jobs, generate \$94 million in new payroll and attract \$463 million in additional investments.
- Governor DeWine and Director of Public Safety Tom Stickrath have announced that 445 law enforcement agencies have voluntarily adopted statewide minimum standards on the use of force, deadly force hiring and recruitment. Another 49 agencies are currently in the process of adopting the same standards.

TRANSPORTATION BUDGET SIGNED BY GOVERNOR WITH GAS TAX INCREASE

This Wednesday, Gov. DeWine signed Sub. HB 62, the \$8.5 billion Transportation Budget, into law. The bill had been finalized and passed by a conference committee on Tuesday. The bill then proceeded to the House, where it was passed by a vote of 70-27. Afterwards it was concurred upon by the Senate by a vote of 22-10 and sent to the Governor's desk for his signature.

The Ohio Department of Taxation has created a spreadsheet with the distribution amounts to each municipality under the new gas tax increase over the biennium. You

can access that spreadsheet [HERE](#).

Sub. HB 62 increases the motor fuel tax to 10.5 cents and increases the diesel fuel tax to 19 cents. This new amount is estimated to generate an increase of \$865 million in motor fuel tax revenue annually. The increase will go into effect on July 1 and will be divided between the state and local governments in a new 55%-45% split respectively, as opposed to the current 60%-40% split. Of the \$865 million and with the split percentages, the state will receive \$524 million while local governments will receive \$381 million.

Here are the other provisions in the final version of Sub. HB 62 impacting municipalities:

- \$5 permissive licensing fee for municipalities and townships
- Funding public transit at \$70 million for funding public transit
- \$200 and \$100 fees for electric and hybrid vehicles respectively.
- Creates the Ohio's Roads to Our Future Study Committee.
- Retains local control of e-scooters
- Changes administrative practices and allows the state to reduce LGF revenue distribution amounts for use of Red Light Cameras
- Removes \$5 million relief funding from Oil and Gas Fund to communities impacted by fracking

The final version of the bill unfortunately still contained the language penalizing municipalities operating red light cameras by altering the administrative hearing process and reducing LGF distributions equal to the revenue collected through violations enforced via this constitutionally sanctioned technology. League Director Scarrett sent a letter to Governor DeWine requesting a line-item veto of this provision on the grounds that the language challenges the authorities delegated to municipalities through the Ohio Constitution's Home Rule provisions and unduly punishes municipalities from employing smart technology to better protect the public. You can read that letter [HERE](#).

We believe this significant change in state policy should not have been re-inserted into the budget bill, especially considering the Supreme Court very recently upheld that the municipal operation of traffic cameras was protected by the right to Home Rule under the Ohio Constitution. Instead, the issue should have been introduced as separate legislation so that the issue could be vetted and impacted municipalities could be given an opportunity to educate members of the General Assembly on what this punitive language would mean to their communities. Ultimately, there were no vetoes granted.

The League greatly appreciate the leadership of Governor DeWine and the members of the Ohio General Assembly to address the critical issues facing Ohio's local and state transportation infrastructure with the securing of new funding. The new revenues from the increased motor fuel tax will help Ohio municipalities rebuild our crumbling infrastructure and will provide greater economic development opportunities statewide.

We encourage our members reach out to Governor DeWine and their legislative delegations with their thanks for the investment made in the future of our communities via Sub. HB 62.

STATE OPERATING BUDGET BILL HEARD IN HOUSE FINANCE SUBCOMMITTEES

This week, the State Operating Budget, HB 166, had a series of hearings in various House Finance subcommittees. These hearings granted the opportunity for various departments and agencies to present on the provisions in the budget bill that affect them.

The Ohio Department of Taxation (ODT) testified before the House Finance Transportation Subcommittee on their budget request for the biennium. Municipalities should note two of the priorities Tax Commissioner McClain outlined in his testimony. The first item of note is the ODT's priority to enhance the secure portal connecting ODT with local governments that facilitates the electronic transfer of the municipal net profits tax data to and from municipalities.

ODT wants to create a means within the portal to collect historical data from municipalities regarding the net profits tax, as well as including other local government data exchanges that are as yet unspecified. ODT also wants to update the system used to administer the Municipal Income Tax for Electric Light Companies and Local Exchange Telephone Companies (MELT). You can read Tax Commissioner McClain's testimony [HERE](#).

Department of Administrative Services (DAS) Director Matt Damschroder testified in support of the executive budget recommendations for funding DAS. In his testimony he noted DAS's involvement with InnovateOhio, which in part works with local governments to attract businesses to invest in Ohio, Opportunity Zones and the Ohio Business Gateway, which administers the centralized collection of the municipal net profits income tax. You can read Dir. Damschroder's full testimony [HERE](#).

The Executive Director of the Ohio Board of Tax Appeals, Kathleen Crowley, testified in support of their executive budget request, citing the role of the Board to resolve cases from the Ohio Tax Commissioner, all 88 counties and all municipalities with an income tax. You can read her full testimony [HERE](#). Director Jack Marchbanks of the Ohio Department of Transportation testified in support of the executive budget request to fund other modes of transport besides roads and bridges, including public transit. You can read his testimony [HERE](#). The League will continue to update our members on relevant aspects of the budget as it moves through the legislative process.

SENATE PASSES LEGISLATION IMPACTING MUNICIPALITIES

Here are the bills passed by the Senate this week that are of municipal interest:

- SB 52 - CYBER SECURITY. Sponsored by Sen. Gavarone (R - Bowling Green), would create the civilian cyber security reserve forces, make the Secretary of State a member of the Homeland Security Advisory Council, require the Secretary of State to appoint a chief information security officer, require the boards of elections to audit election results, and make an appropriation. During its fourth hearing before the Senate Government Oversight and Reform Committee, the bill was voted unanimously out of committee. The bill was passed on the Senate floor unanimously. The League is supportive of this legislation.
- SB 8 - OPPORTUNITY ZONES. Sponsored by Sen. Schuring (R - Canton), would authorize tax credits for investments in an Ohio Opportunity Zone. During its fifth hearing before the Senate Ways and Means Committee, the bill was first amended to further apply its provisions if the federal government expands the program as well as adjusting the review processing period to 60 days before it was voted unanimously out of committee. The bill was then passed on the Senate floor unanimously. The League is supportive of this legislation.

INTRODUCED: BILLS OF MUNICIPAL INTEREST

Here is a bill introduced this week that impacts municipalities:

- HB 187 - TAX ISSUES - AUGUST. Sponsored by Rep. Merrin (R - Monclova Township) and Rep. Wiggam (R - Wooster), would prohibit local tax-related proposals from appearing on an august special election ballot.

COMMITTEE RECAP: BILLS OF MUNICIPAL INTEREST

Here are the bills impacting municipalities that received committee hearings this week:

- SB 39 - INSURANCE TAX. Sponsored by Sen. Schuring (R - Canton), would authorize an insurance premiums tax credit for capital contributions to transformational mixed use development projects. During its second hearing before the Senate Finance Committee, proponents from investment and development companies testified in support of the bill. The League also submitted written proponent testimony, which you can read [HERE](#).
- SB 50 - SOLID WASTE FEES. Sponsored by Sen. Eklund (R - Chardon), would increase state solid waste disposal fee that is deposited into the Soil and Water Conservation District Assistance Fund, and to make an appropriation. During its second hearing before the Senate Finance Committee, a representative from the Geauga County Soil and Water Conservation District testified in support of the bill. The League is still looking into this legislation.
- HB 159 - PUBLIC IMPROVEMENTS - INDEMNITY PROVISIONS. Sponsored by Rep. Blessing (R - Cincinnati), would regulate the use of indemnity provisions in professional design contracts related to public improvements. During its first hearing before the House Civil Justice Committee, the bill's sponsor explained that it is designed to prevent design professionals from being "forced" to sign contracts with some state and local agencies that make them liable beyond what the law outlines. The League is still looking into this legislation.
- HB 126 - SINGLE SUBJECT RULE TIMELINE. Sponsored by Rep. Hillyer (R - Urichsville), would bar an action challenging an act for violation of the one-subject rule if it is commenced later than 275 days after the act's effective date. During its second hearing before the House Civil Justice Committee, no proponent testimony was given on this bill. The League is opposed to this legislation.
- HB 75 - PROPERTY VALUES. Sponsored by Rep. Merrin (R - Monclova Township), would require local governments that contest property values to

formally pass an authorizing resolution for each contest and to notify property owners. During its third hearing before the House Ways and Means Committee, over a dozen representatives from Ohio school districts testified in opposition to the bill. The County Commissioners Association of Ohio submitted written opponent testimony, as did the League. You can read the League's opponent testimony [HERE](#).

- **HB 47 - PROPERTY TAX COMPLAINTS.** Sponsored by Rep. Greenspan (R - Westlake), would increase the time within which property tax complaints must be decided and to change the name of the Ohio Legal Assistance Foundation. During its third hearing before the House Ways and Means Committee, a representative from the County Auditor's Association of Ohio testified in support of the bill. The League also submitted written proponent testimony, which you can read [HERE](#).
- **HB 76 - ELECTION NOTICES.** Sponsored by Rep. Merrin (R - Monclova Township), would enact the "Ballot Uniformity and Transparency Act" to modify the form of election notices and ballot language for property tax levies. During its third hearing before the House Ways and Means Committee, the League submitted joint opponent testimony along with the Ohio Library Council, the Ohio Township Association, the Ohio School Board Association, the Ohio Association of School Board Officials and the Buckeye Association of School Administrators. You can read that opponent testimony [HERE](#).
- **SB 31 - PUBLIC RECORDS.** Sponsored by Sen. Roegner (R - Hudson), would include emergency service telecommunicators as individuals whose residential and familial information is exempt from disclosure under the Public Records Law. During its third hearing before the Senate Judiciary Committee, the bill was reported out of the committee. The League is supportive of this legislation.
- **SB 33 - CRITICAL INFRASTRUCTURE.** Sponsored by Sen. Hoagland (R - Adena), would modify certain criminal offenses with respect to critical infrastructure facilities and to impose fines and civil liability for damage to a critical infrastructure facility. During its third hearing before the Senate Judiciary Committee, multiple opponents to the bill testified against it saying it attempted to suppress free speech. The League is supportive of this legislation.
- **HB 149 - PROPERTY TAX EXEMPTION.** Sponsored by Rep Merrin (R - Monclova Township), enact the "Affordable Homebuilding and Housing Act" to temporarily exempt from property tax the increased value of land subdivided for residential development. During its first hearing before the House Economic and Workforce Development Committee, the bill's sponsor claimed it would incentivize homebuilding in Ohio. The League is opposed to this legislation
- **SB 105 - MASSAGE THERAPY.** Sponsored by Sen. Brenner (R - Powell), would make changes to the massage therapy licensing law. During its first hearing before the Senate Health, Human Services and Medicaid Committee, the bill's sponsor said it was modeled on multiple local ordinances that are designed to crack down on illegal activities at massage parlors by closing a loophole in current law allowing people to perform massages without a license. The League is supportive of this legislation

COMMITTEE SCHEDULE FOR THE WEEK OF APRIL 7, 2019

Tuesday, April 9, 2019**HOUSE WAYS AND MEANS**

Tue., Apr. 9, 2019, 3:00 PM, Hearing Room 116

Rep. Schaffer: 614-466-8100

HB143** TAX CREDIT-VOLUNTEER SERVICE (KELLER C) To grant income tax credits to persons who serve as volunteer peace officers, firefighters, or emergency medical technicians.

First Hearing, Sponsor Testimony

HB75** PROPERTY VALUE CONTESTS (MERRIN D) To require local governments that contest property values to formally pass an authorizing resolution for each contest and to notify property owners.

Fourth Hearing, All Testimony, POSSIBLE VOTE

HB76** BALLOT LANGUAGE UNIFORMITY (MERRIN D) To enact the "Ballot Uniformity and Transparency Act" to modify the form of election notices and ballot language for property tax levies.

Fourth Hearing, All Testimony, AMENDMENTS/POSSIBLE VOTE**HOUSE FINANCE AGRICULTURE, DEVELOPMENT AND NATURAL RESOURCES SUBCOMMITTEE**

Tue., Apr. 9, 2019, 3:30 PM, Hearing Room 018

Rep. Hoops: 614-466-3760

Committee will take testimony related to EPA, ODNR, ODAg and Lake Erie Commission.

HB166** OPERATING BUDGET (OELSLAGER S) To make operating appropriations for the biennium beginning July 1, 2019, and ending June 30, 2021, and to provide authorization and conditions for the operation of state programs.

Seventh Hearing, All Testimony**HOUSE FINANCIAL INSTITUTIONS**

Tue., Apr. 9, 2019, 5:00 PM, Hearing Room 113

Rep. Jordan: 614-644-6711

HB170** PAY FOR SUCCESS CONTRACTING (MANNING D) To require the Treasurer of State to administer the Pay for Success Contracting Program and to expand the purposes of the Program.

First Hearing, Sponsor Testimony**Wednesday, April 10, 2019****HOUSE FINANCE AGRICULTURE, DEVELOPMENT AND NATURAL RESOURCES SUBCOMMITTEE**

Wed., Apr. 10, 2019, 10:00 AM, Hearing Room 017

Rep. Hoops: 614-466-3760

Agencies testifying:

- Development Services Agency
- Housing Finance Agency
- Architects Board
- Commission on Service and Volunteerism

HB166** OPERATING BUDGET (OELSLAGER S) To make operating appropriations for the biennium beginning July 1, 2019, and ending June 30, 2021, and to provide authorization and conditions for the operation of state programs.

Eighth Hearing, Invited Testimony**Thursday, April 11, 2019****HOUSE FINANCE AGRICULTURE, DEVELOPMENT AND NATURAL RESOURCES**

SUBCOMMITTEE

Thu., Apr. 11, 2019, 10:00 AM, Hearing Room 017

Rep. Hoops: 614-466-3760

Committee will take all testimony.

HB166** OPERATING BUDGET (OELSLAGER S) To make operating appropriations for the biennium beginning July 1, 2019, and ending June 30, 2021, and to provide authorization and conditions for the operation of state programs.

Ninth Hearing, All Testimony**OHIO RETIREMENT STUDY COUNCIL**

Fri., Apr. 12, 2019, 10:00 AM, TBA

Bethany Rhodes: 614-228-1346

Location to be announced. On the agenda: 2017 OP&F annual adequacy report: rules;

CHECK OUR WEBSITE MONDAY FOR ANY CHANGES TO THE COMMITTEE SCHEDULE

Ohio Municipal League Meetings & Trainings

<u>OML/OMAA WEBINAR</u> Collective Bargaining April 11, 2019	<u>Registration Information</u>
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Ohio Municipal League

Legislative Inquires:

[Kent Scarrett, Executive Director](#)[Edward Albright, Deputy Director](#)[Ashley Brewster, Director of Communications](#)[Thomas Wetmore, Legislative Advocate](#)

Website/Bulletin Issues:

[Zoë Wade, Office Manager](#)

Ohio Municipal League, 175 S. Third Street, Suite 510, Columbus, OH 43215

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