2025 Sustainability Report – Napoleon

As a member of AMP, you choose the power supply resources to best provide cost-competitive and reliable electricity to your customers. This Sustainability Report is focused on the source and emissions from the electricity your municipal electric system produced or procured. It does not include emissions from fleet vehicles, or any other fuels used for heating and cooling (such as natural gas).

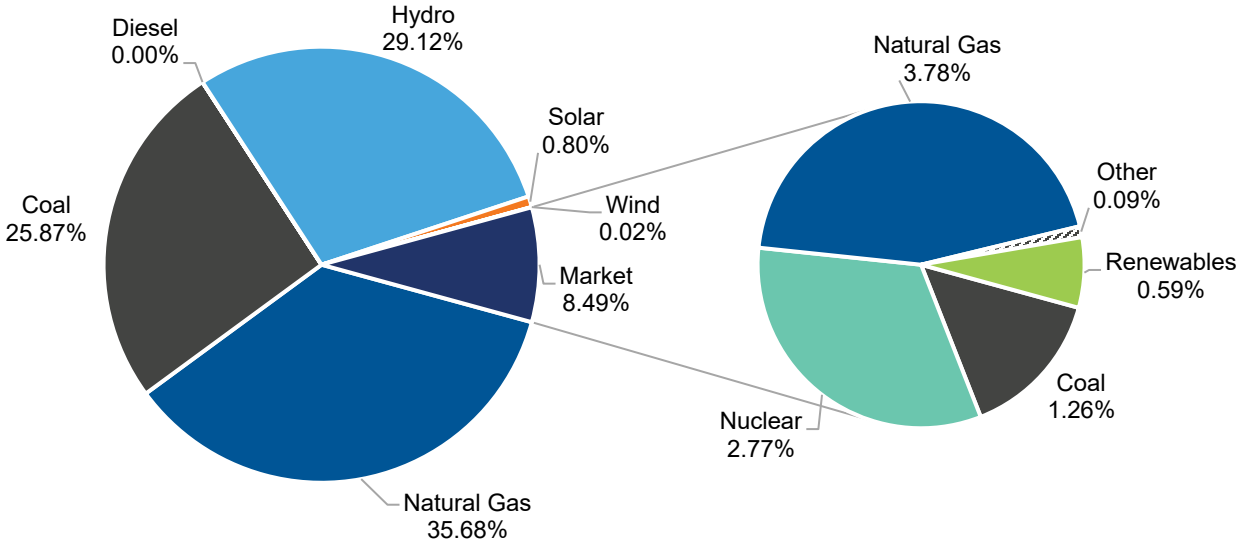
Resource Profile

The graphs below show Napoleon's resource portfolio organized by fuel type. They include all wholesale power sources known by AMP (projects subscribed to or owned, power purchase agreements (PPA), and market power purchases). Napoleon's ability to claim that the energy used by its customers is renewable is affected by sales and purchases of Renewable Energy Certificates (RECs).

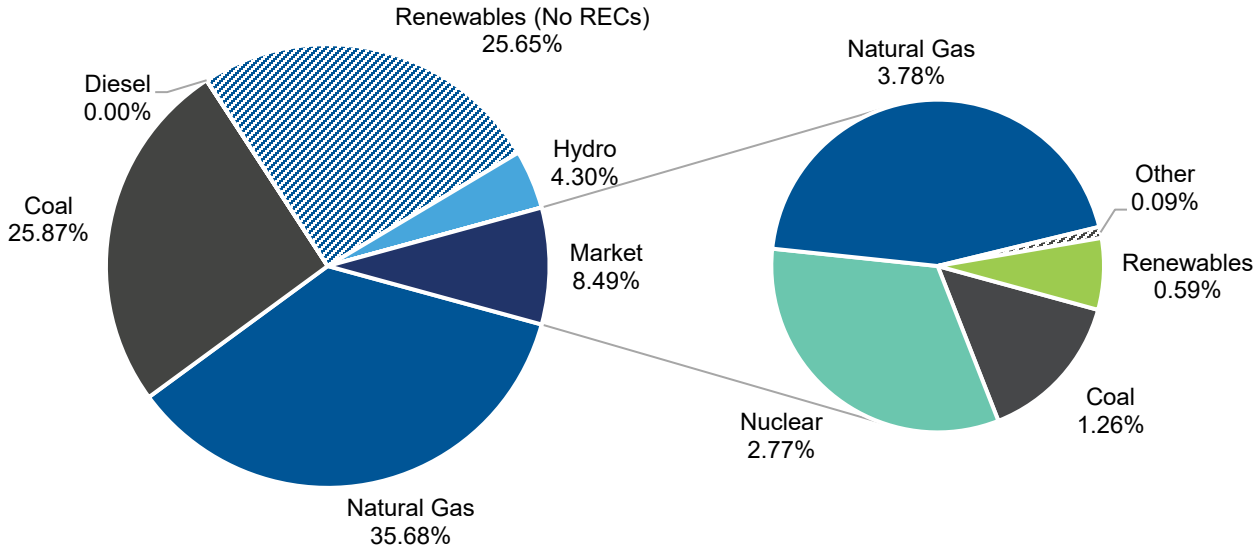
Total MWh, based on 2025 data (prior to REC transactions) = 154,397

Source %	Projects
Coal: 25.87%	Prairie State
Diesel: 0.00%	JV2
Hydro: 29.12%	NYPA, AMP Hydro, Greenup, Meldahl, JV5
Market: 8.49%	Market
Natural Gas: 35.68%	AFEC, AMPCT, JV2
Solar: 0.80%	AMP Solar Phase I
Wind: 0.02%	JV6

Fuel Types (prior to REC transactions) = 29.95% renewable



Fuel Types (post REC transactions) = 4.30% renewable



Emissions Profile

Each fossil-fueled source of energy in a power supply portfolio emits greenhouse gas emissions (aka CO_2e[1]), and other pollutants. The table below shows the estimated emissions from your energy supply. For generation projects in which renewable energy certificates (RECs) were sold, market emission factors were used.

Emissions prior to REC transactions	CO_2e	SO_2	NO_x
Emission Estimate (metric tons)	54,197	28.32	13.97
Emission Rate (lbs/MWh)	818	0.43	0.21

Emissions post REC transactions	CO_2e	SO_2	NO_x
Emission Estimate (metric tons)	67,087	33.89	18.67
Emission Rate (lbs/MWh)	1,013	0.51	0.28

All the data and estimates in this report pertain only to wholesale power sources known by AMP and are shown in the resource profile.

[1]Carbon dioxide equivalent or CO_2e means the number of metric tons of CO_2 emissions in addition to other greenhouse gases with the same global warming potential as one metric ton of CO_2 (methane, nitrous oxide, fluorinated gases).

Emissions Avoidance

Napoleon is a participant in the Efficiency Smart® and EcoSmart Choice® programs. The table below shows the community's estimated MWhs (from energy savings or amount offset with RECs) and the associated avoided emissions based on rates from PJM Interconnect, LLC. (PJM).

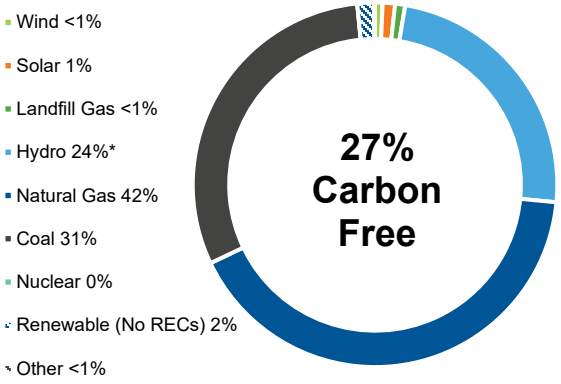
Programs in 2025	MWh	CO_2e (MT)	SO_2 (MT)	NO_x (MT)
EcoSmart Choice: 2025	60	20	0.01	0.01
Efficiency Smart: 2025	340	111	0.05	0.04
Efficiency Smart: Lifetime Savings	4,131	1,345	0.58	0.51

AMP and PJM Market Benchmark

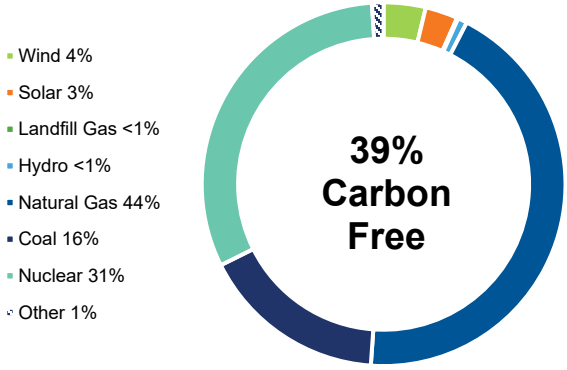
Resource and Emissions Profile

The table and charts below show the respective emission rate and resource profiles for AMP PPAs and the net generation of assets AMP owns (in whole or part) prior to project participants sale of RECs. This information is compared to power generated within PJM Interconnect, LLC. (PJM). This information is meant for comparative purposes.

AMP 2025**



PJM 2025***



* includes Greenup (48.6%), Meldahl, Cannelton, Smithland, Willow Island, SEPA, and NYPA (not Cleveland)
** AMP fuel mix is prior to any REC transactions
*** PJM GATS EIS Data (https://gats.pjm-eis.com/gats2/PublicReports/PJMSystemMix)

Emission Rates	CO_2e	SO_2	NO_x
AMP Emission Rate (lbs/MWh)	858	0.30	0.15
PJM Emission Rate (lbs/MWh)	718	0.31	0.27

Emission Factors

All emission estimates are based on the emission factors below.

Source	CO2e lbs. / MWh	SO2 lbs. / MWh	Nox lbs. / MWh
AMP Fremont Energy Center (combined cycle natural gas)	670	0.00	0.06
AMPCT	1,872	0.04	1.12
Prairie State Energy Campus (AMP share, excludes scheduling deviations)	1,961	1.52	0.62
Distributed Generation: JV2 (gas)	1,459	0.07	3.10
Distributed Generation: JV2 (diesels)	2,129	0.02	41.14
Solar, Wind, Landfill gas to energy, Hydropower	0	0.00	0.00
PJM Interconnect, LLC. (eGrid)	718	0.31	0.27

If present, Muni diesel and Muni gas units are estimated. Data for eGrid emission factors can be found: https://www.epa.gov/egrid/detailed-data.

If you have questions about your report, please contact Corey Hawkey, director of member programs and sustainability at chawkey@amppartners.org or 614.307.9432.