Approach to Large Load Adjustments

Oct 25, 2024

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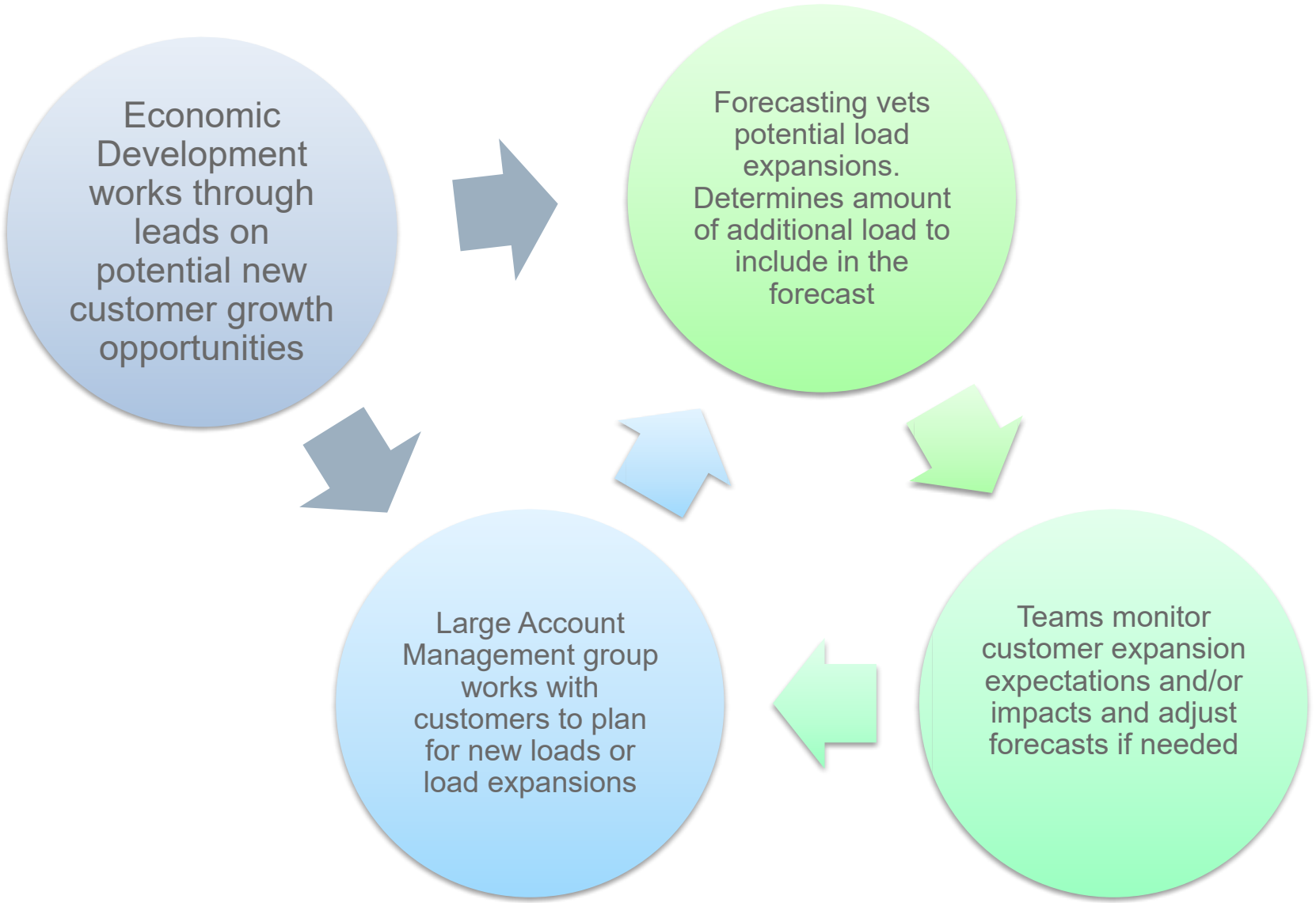
Processes


Economic Development works through leads on potential new customer growth opportunities
Forecasting vets potential load expansions. Determines amount of additional load to include in the forecast
Teams monitor customer expansion expectations and/or impacts and adjust forecasts if needed
Large Account Management group works with customers to plan for new loads or load expansions

Summary

- Over the last 2 years, Duke Energy Ohio-Kentucky has worked with many prospective customers regarding plant expansions and new large loads
- Economic Development / Large Account Management / Load Forecasting work together to identify these new loads and determine impact on forecast
- Focus has been on expansions that are >20 MW's
- The 4 additions that have been identified are expected to ramp up over the next 5 years
- Work continues with customers regarding possible additions in the future

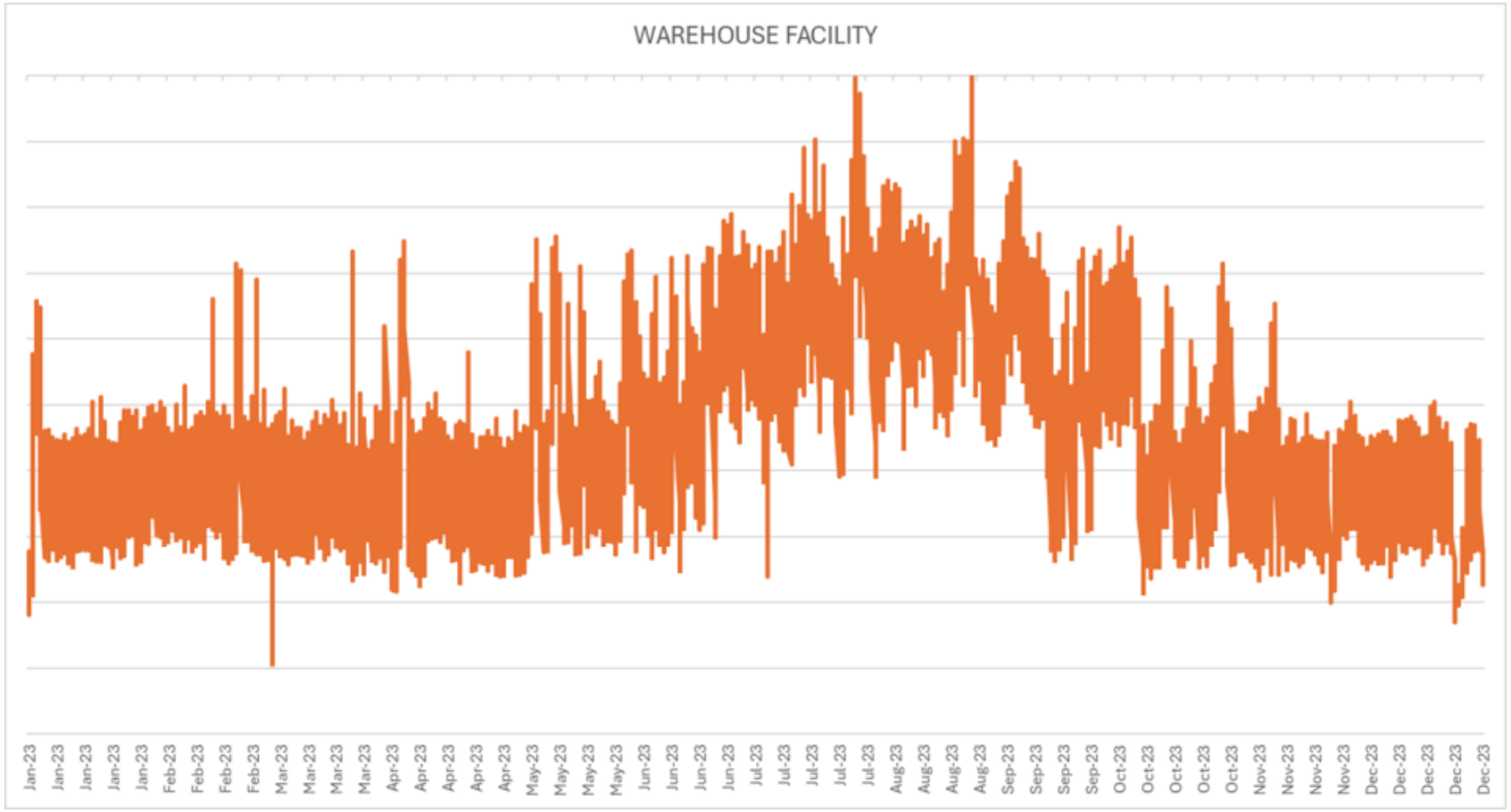
Additions Detail

- Large Load Additions in MW's *(at "full load" expectations)*

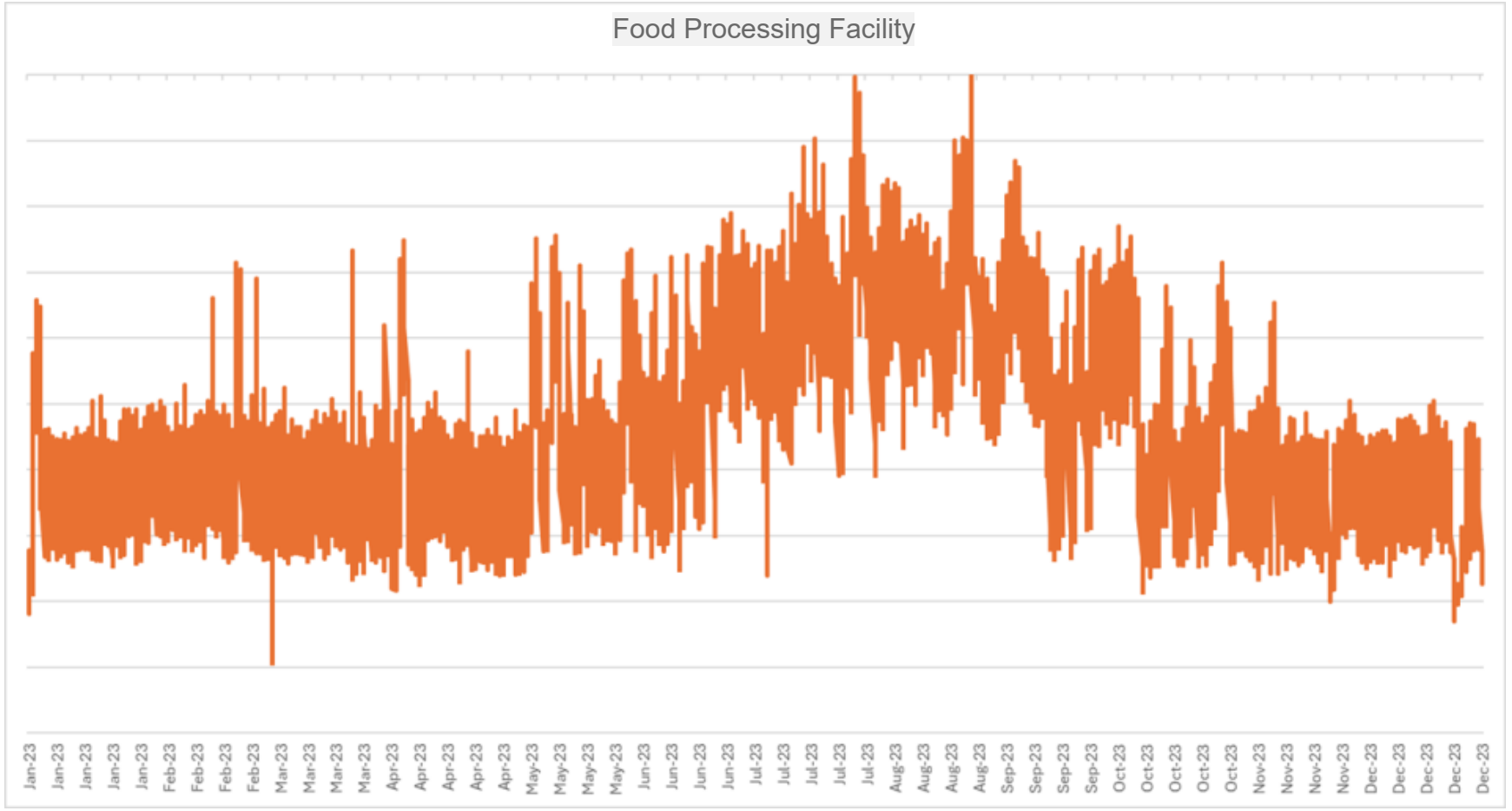
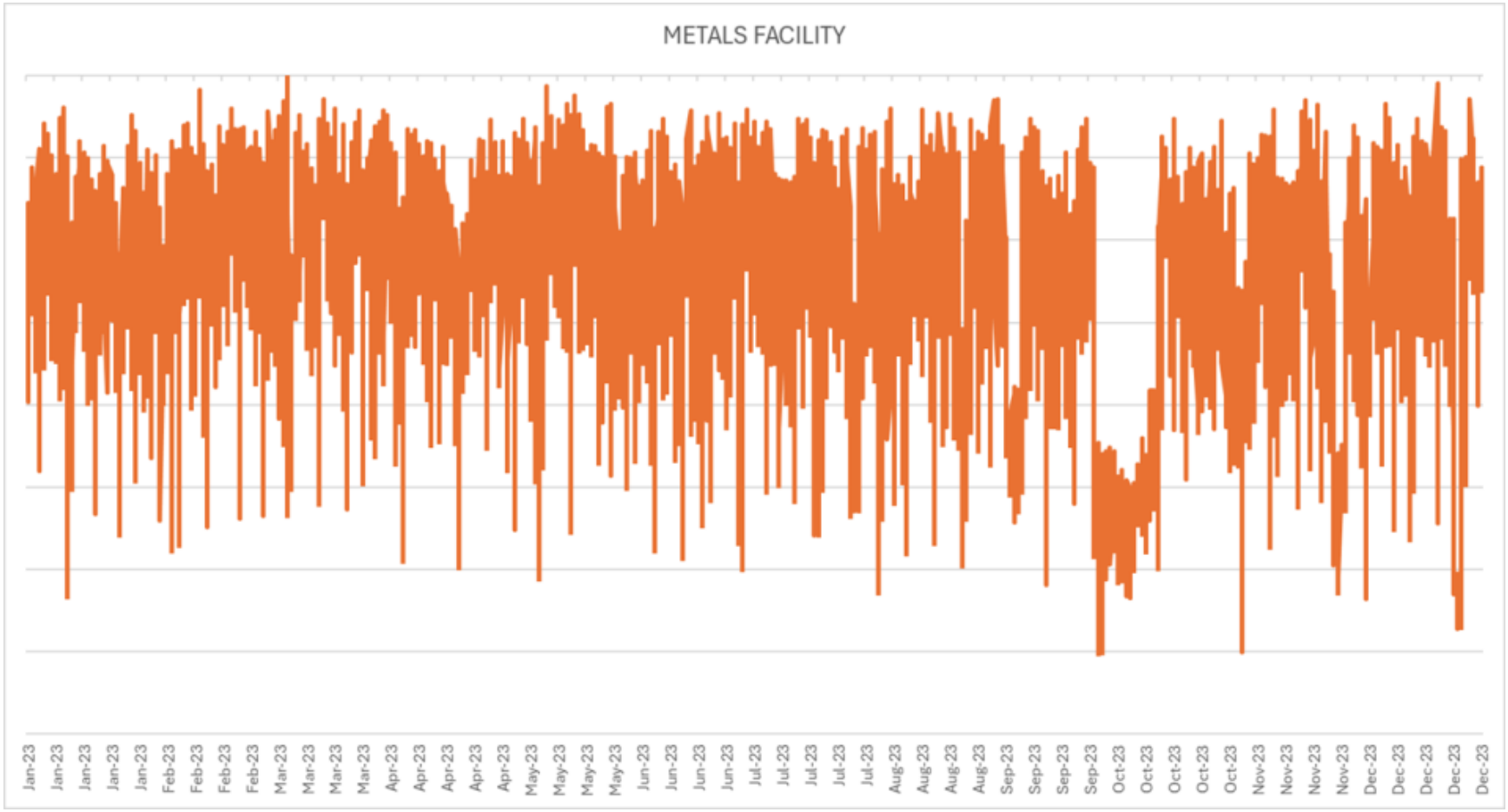
	2025	2026	2027	2028	2029	2030	2031	2032	2033
Warehousing	10	12	12	12	12	24	24	24	24
Food Processing	41	41	49	54	54	54	54	54	54
Metal / Steel	-	-	-	50	270	328	328	328	328
TOTAL	51	53	61	116	336	406	406	406	406

- For Comparison purposes:
  - DEO Peaks ~ 4,300 MW's
  - DEK Peaks ~ 850 MW's

Warehouse Facility Load Shape



Food Processing Load Shape



Metals / Steel Load Shape