



# 2025 Integrated Resource Plan Update

*May 2, 2025*

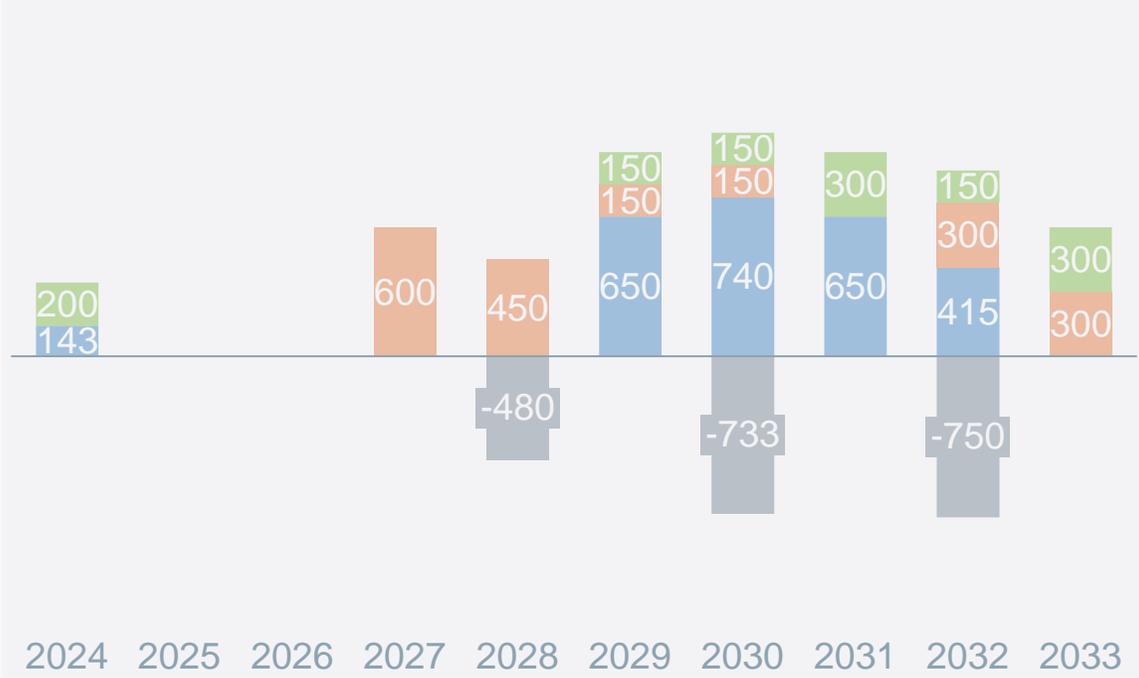




# Evergy Preferred Plan, 2024 vs. 2025

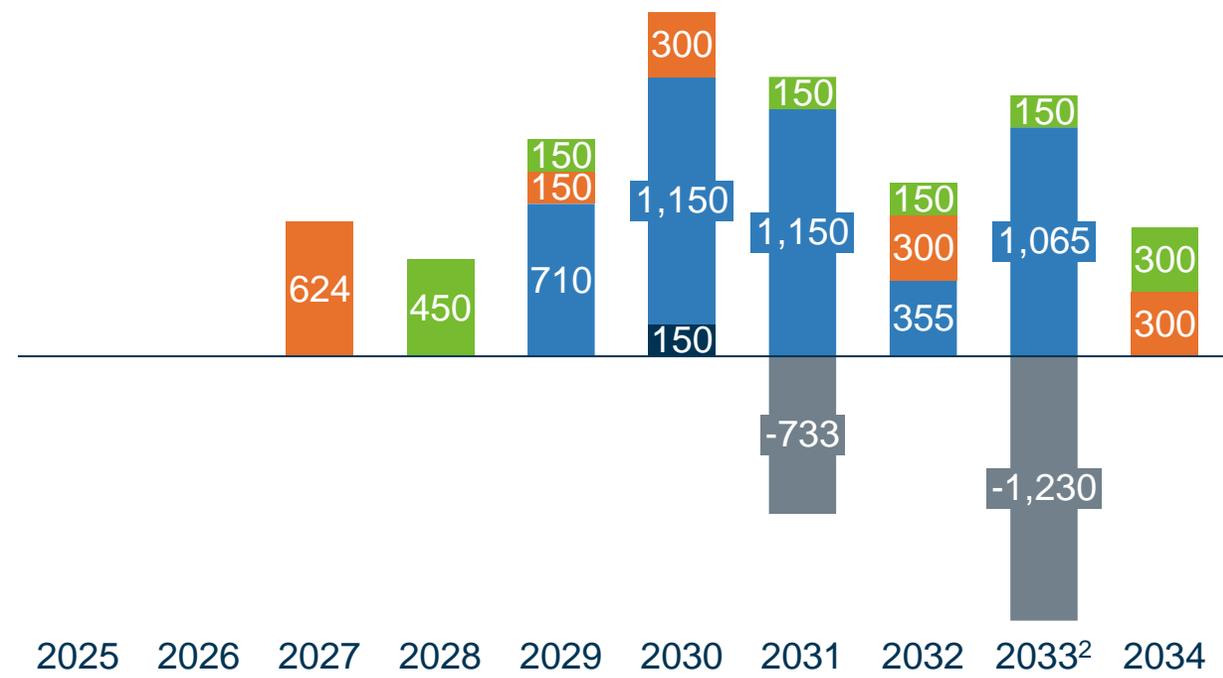
## 2024 IRP Update (April 2024)

Projected Additions & Retirements (MW)<sup>1</sup>



## 2025 IRP Update (May 2025)

Projected Additions & Retirements (MW)<sup>1</sup>



■ Wind 
 ■ Solar 
 ■ Natural Gas 
 ■ Battery 
 ■ Coal Retirements

**2025 IRP Update adds nearly 2 gigawatts of high-efficiency natural gas generation over the next 10 years relative to the 2024 update to support economic growth and reliability**

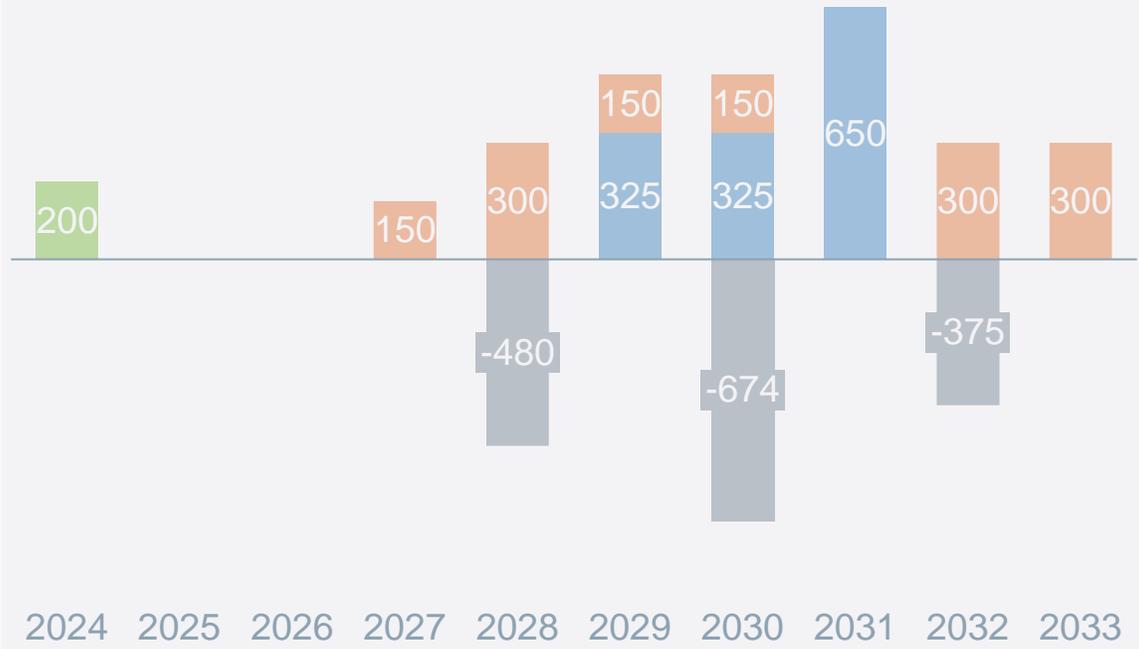
<sup>1</sup>Reflects April 1 in-service for new resource additions

<sup>2</sup>Lawrence Unit 4 (107MW) retires and Unit 5 (373MW) transitions to gas only (338MW)

# Kansas Central Preferred Plan, 2024 vs. 2025

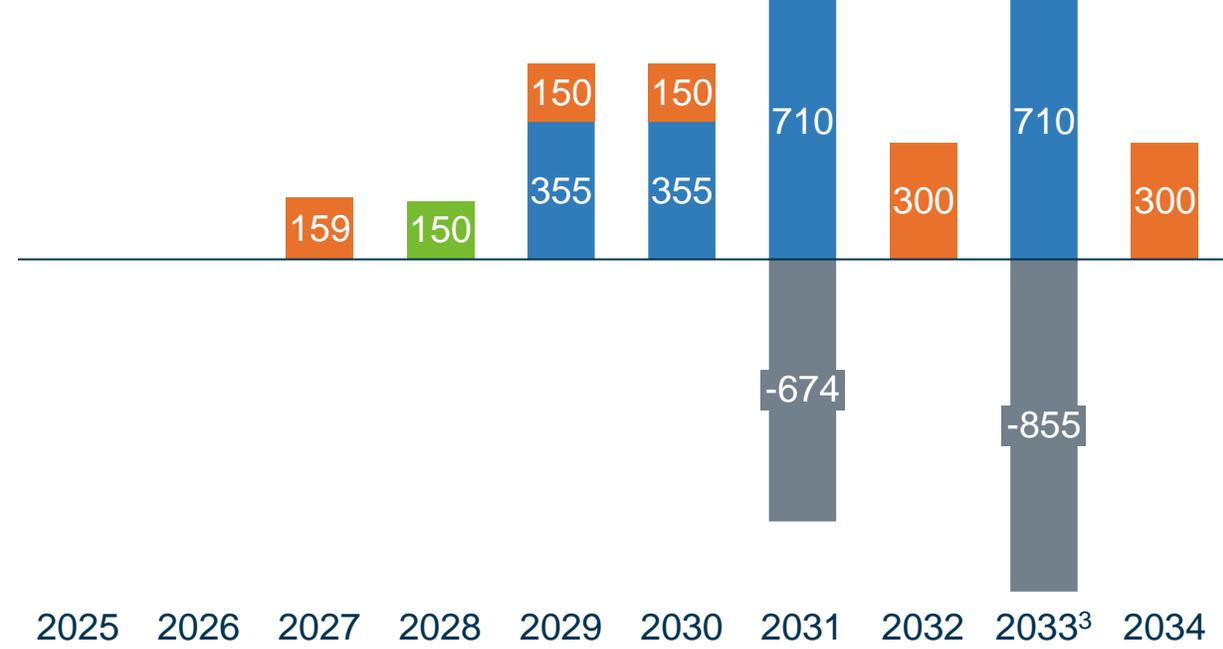
## 2024 IRP Update (May 2024)

Projected Additions & Retirements (MW)<sup>1</sup>



## 2025 IRP Update (May 2025)

Projected Additions & Retirements (MW)<sup>1</sup>



■ Wind 
 ■ Solar 
 ■ Natural Gas 
 ■ Coal Retirements<sup>2</sup>

**2025 IRP Update includes the addition of a natural gas CCGT in 2033 to support economic growth and reliability**

<sup>1</sup>Reflects April 1 in-service for new resource additions

<sup>2</sup>Reflects Kansas Central's proportional ownership

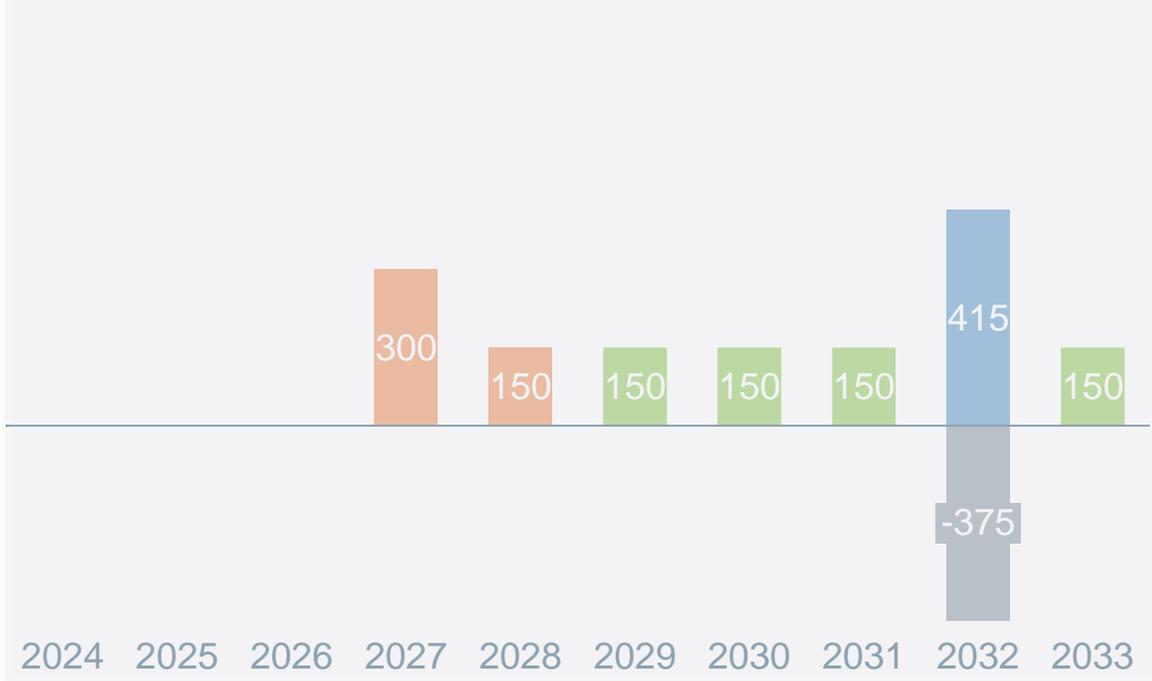
<sup>3</sup>Lawrence Unit 4 (107MW) retires and Unit 5 (373MW) transitions to gas only (338MW)



# Metro Preferred Plan, 2024 vs. 2025

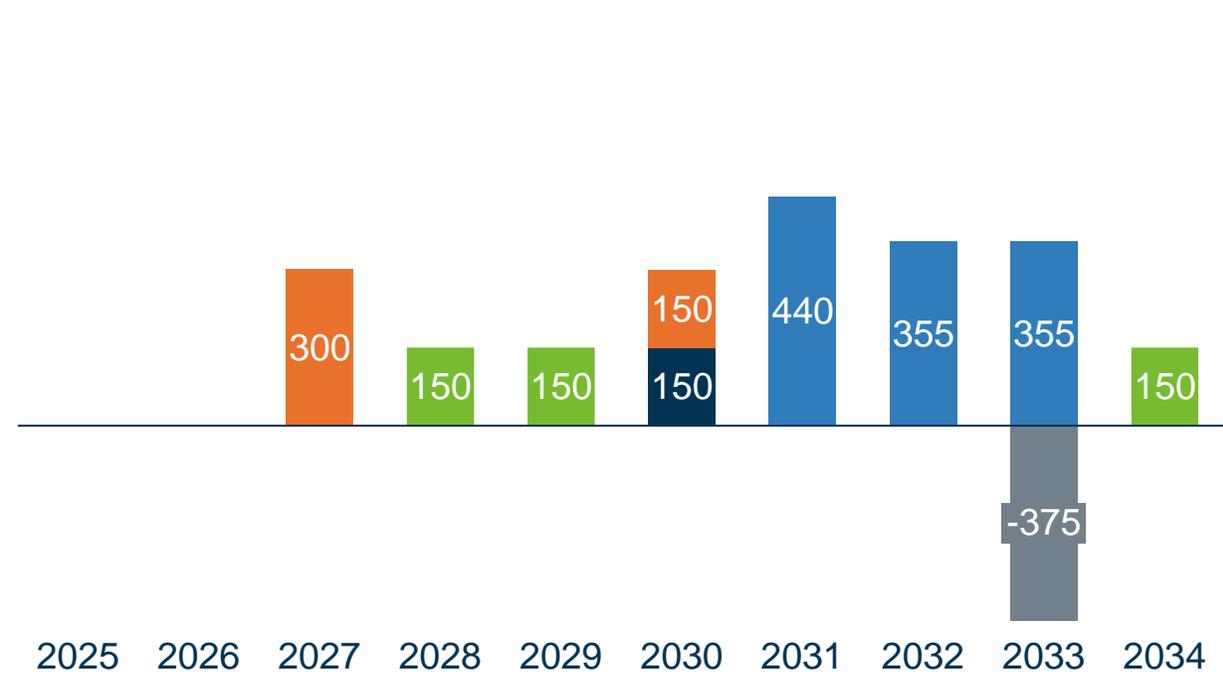
## 2024 IRP Update (April 2024)

Projected Additions & Retirements (megawatts)<sup>1</sup>



## 2025 IRP Update (March 2025)

Projected Additions & Retirements (megawatts)<sup>1</sup>



■ Wind 
 ■ Solar 
 ■ Natural Gas 
 ■ Battery 
 ■ Coal Retirements<sup>2</sup>

**Forecasted resource additions support economic growth and reliability and include the addition of 735 MW of natural gas units across 2031-2033**

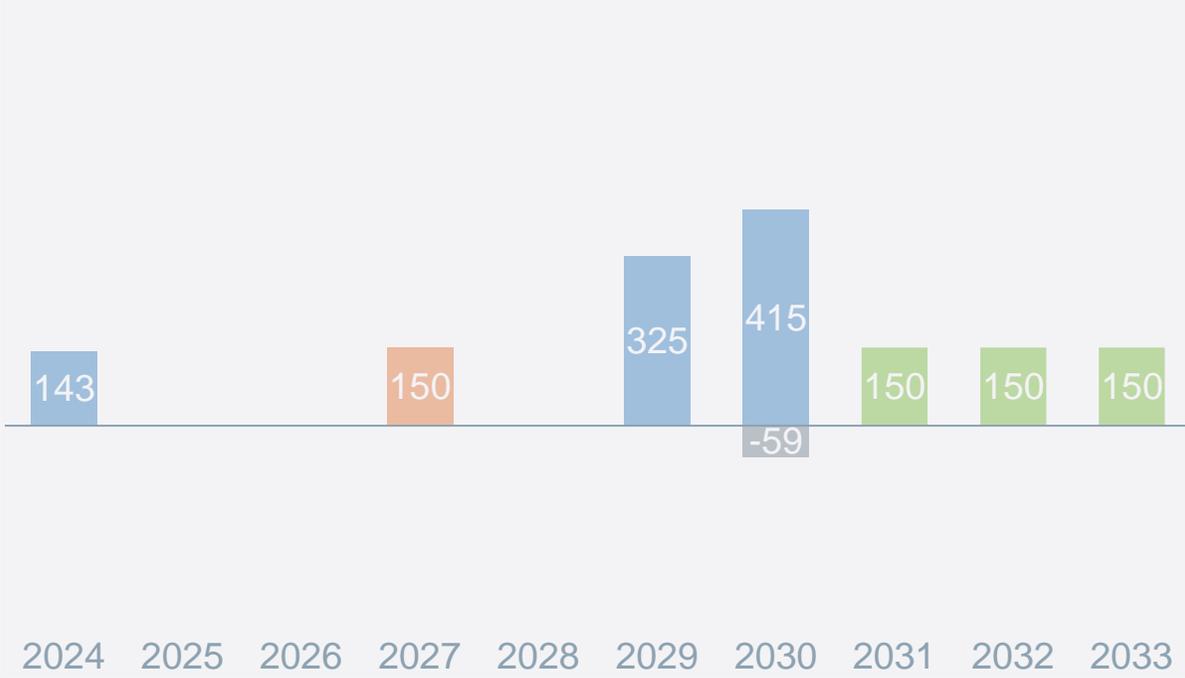
<sup>1</sup>Reflects April 1 in-service date for new resource additions

<sup>2</sup>Reflects Metro's proportional ownership

# Missouri West Preferred Plan, 2024 vs. 2025

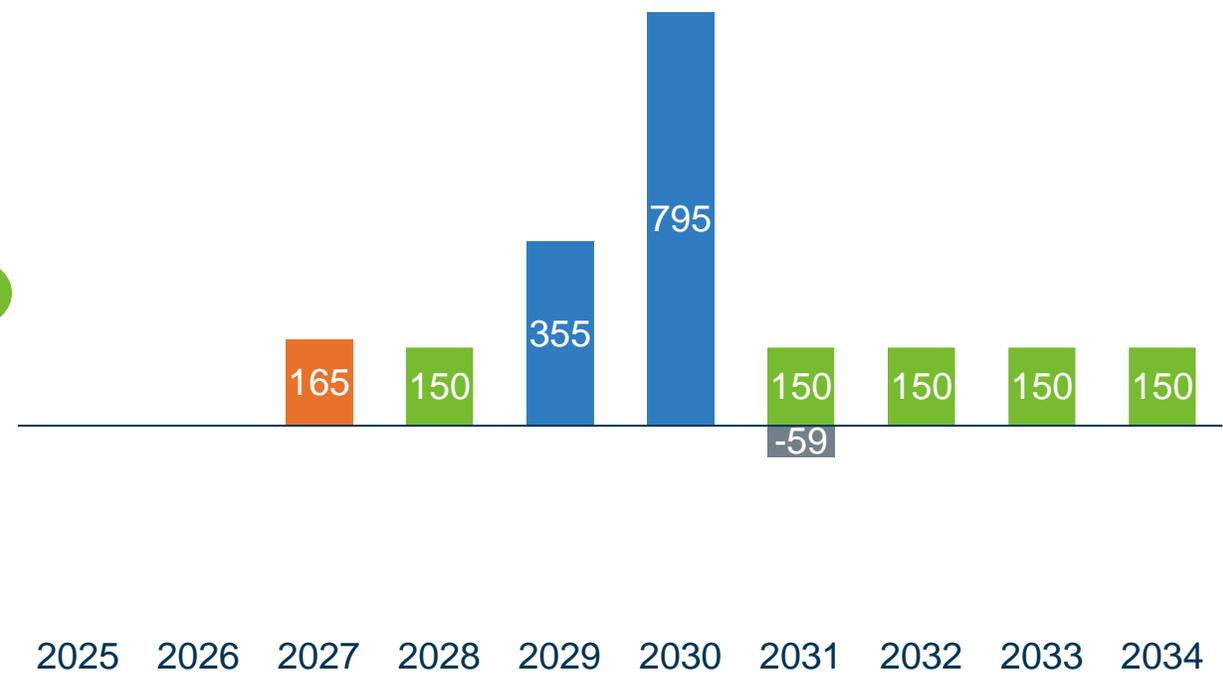
## 2024 IRP Update (April 2024)

Projected Additions & Retirements (megawatts)<sup>1</sup>



## 2025 IRP Update (March 2025)

Projected Additions & Retirements (megawatts)<sup>1</sup>



■ Wind 
 ■ Solar 
 ■ Natural Gas 
 ■ Coal Retirements<sup>2</sup>

**Building natural gas to support economic growth and reliability for our Missouri West customers; 2025 update includes the addition of 355 MW of combined-cycle natural gas in 2030**

<sup>1</sup>Reflects April 1 in-service for new resource additions  
<sup>2</sup>Reflects Missouri West's proportional ownership