

Energy Futures Group conducted modeling of the Evergy Metro and Evergy Missouri West systems with the intention of determining the optimal resource acquisition and retirement plan.

The results of this optimization contrast significantly with Evergy’s own plans. Figure 1 shows the Evergy Metro plan, which adds modest amounts of wind and solar in most years through 2031 with the first coal unit retirement not occurring until 2032.

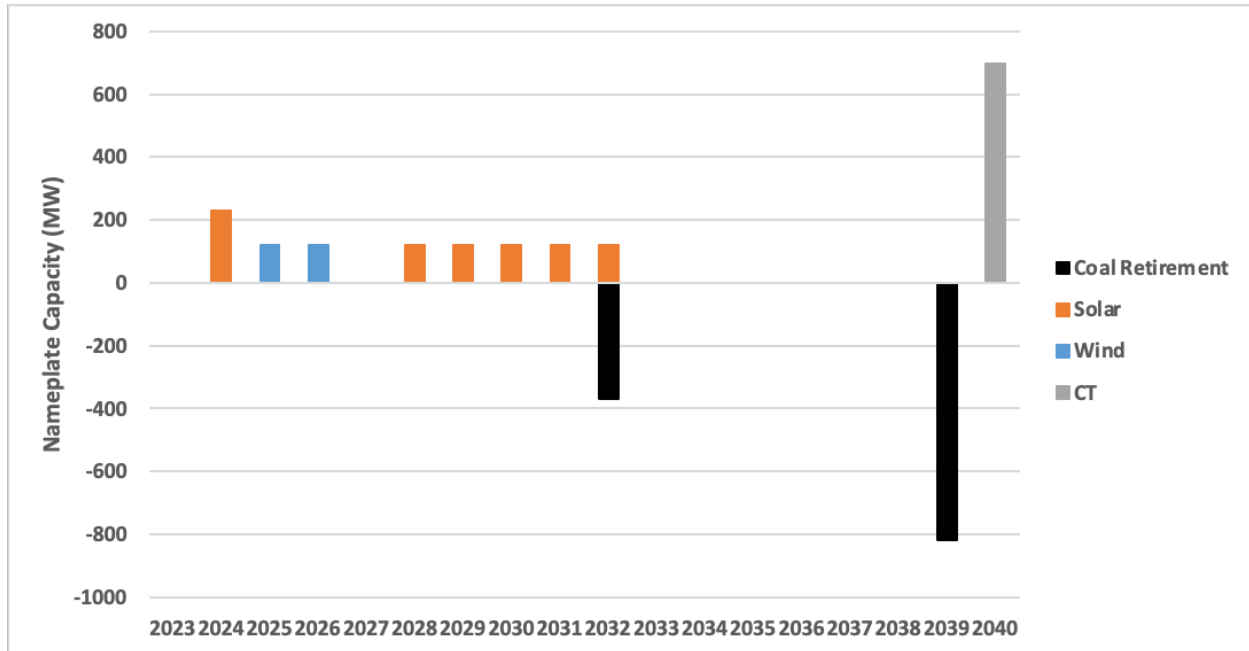


Figure 1. Evergy Metro’s Preferred Expansion Plan

In contrast, the optimization modeling we conducted on behalf of NEE immediately chooses to retire over 1,000 MW of coal followed by several hundred additional megawatts in 2029 replacing that capacity with a combination of wind, solar, and battery storage (Figure 2).

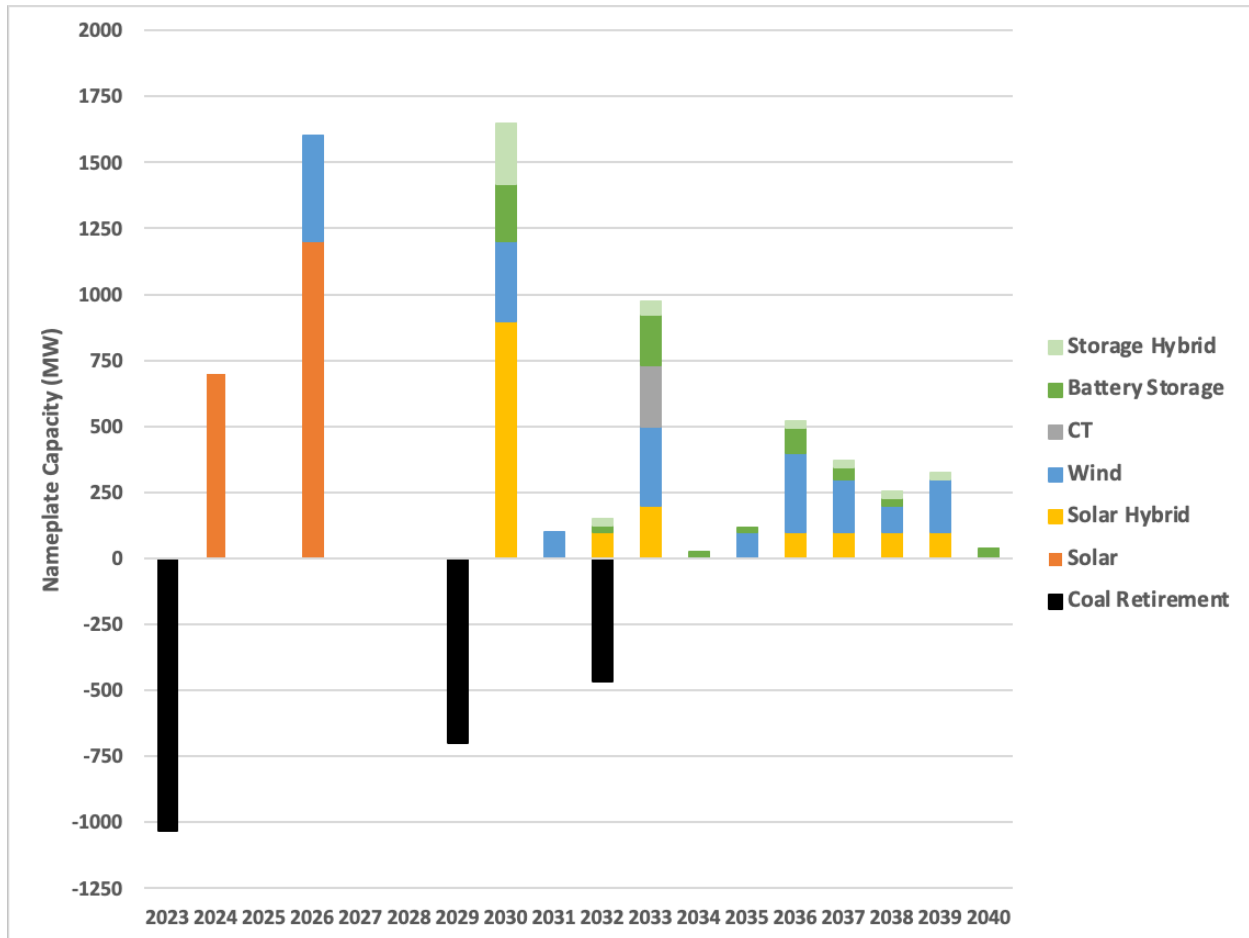


Figure 2. NEE’s Eversource Metro Expansion Plan

A similar pattern occurs with Eversource Missouri West as shown in Figure 3. No coal units are retired until 2030 and modest amounts of wind and solar are added in the interim.

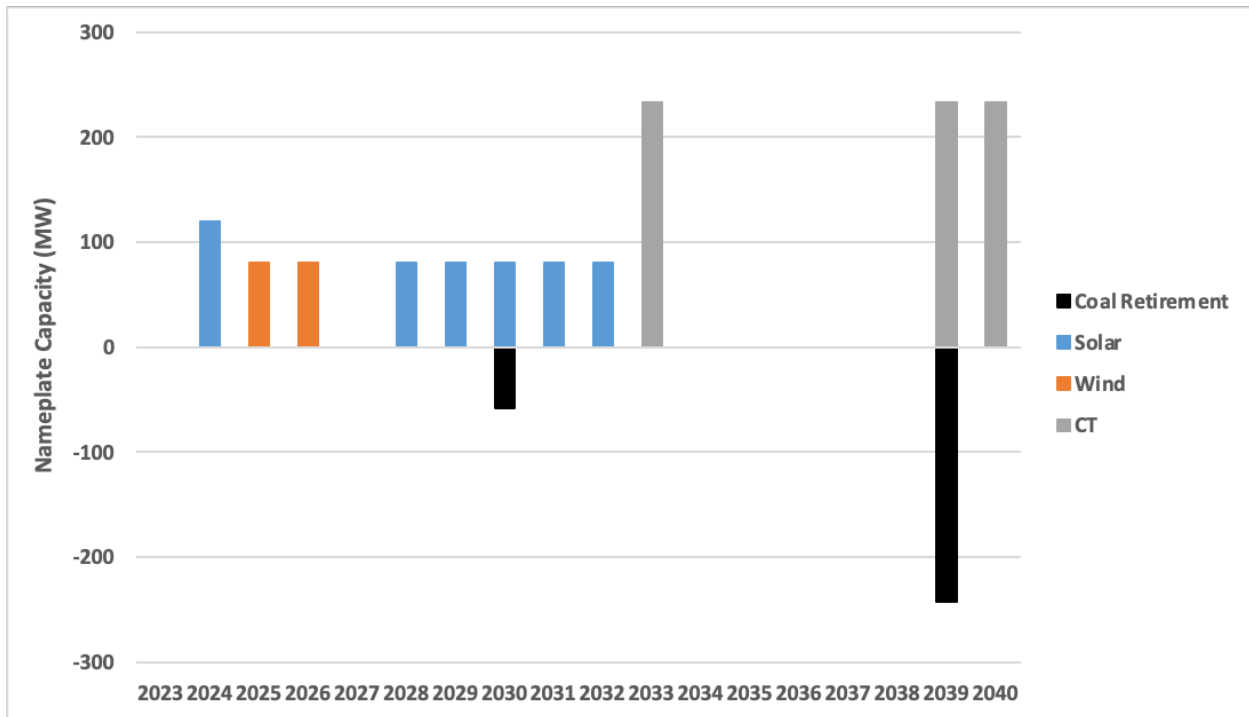


Figure 3. Eversource Missouri West’s Preferred Expansion Plan

In contrast, the optimized Eversource Missouri West plan retires coal starting in 2023 and adds largely solar and battery storage with small amounts of wind to replace the retiring units (Figure 4).

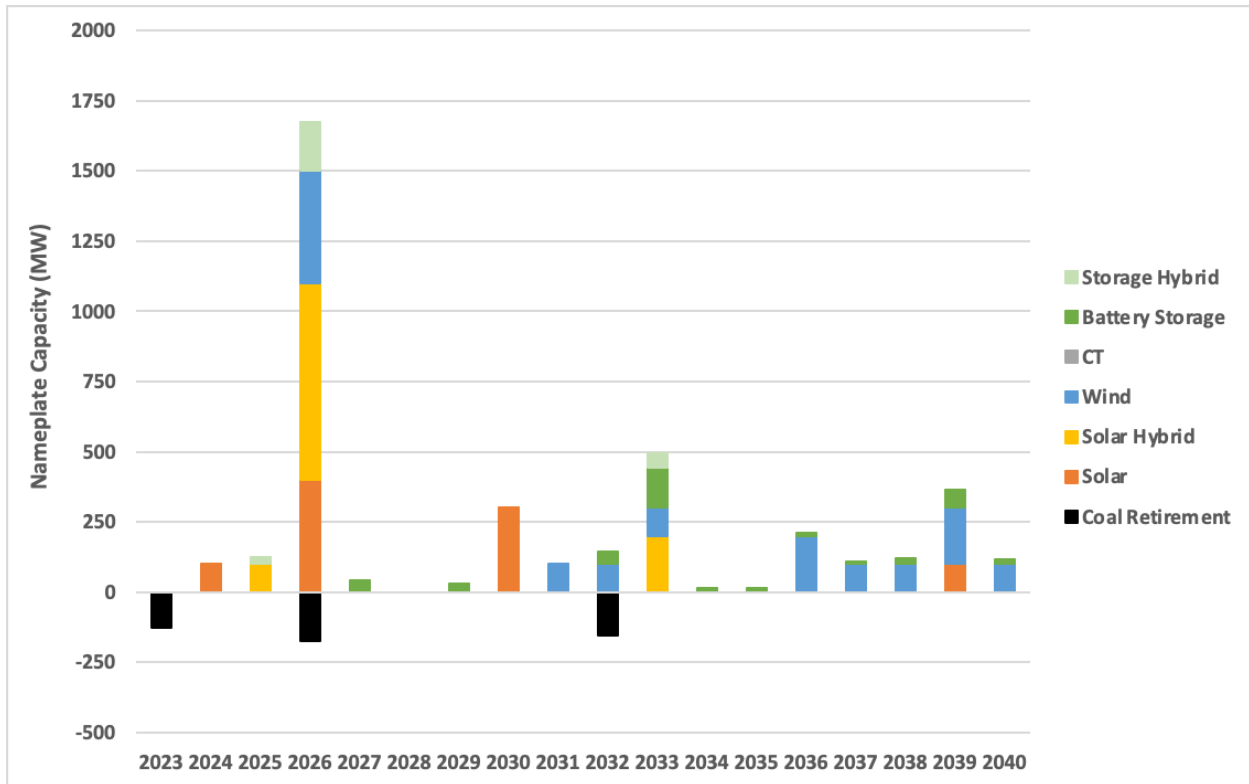


Figure 4. NEE’s Evergy Missouri West Expansion Plan

The NEE plans also provides hundreds of millions of dollars in savings as shown in Table 1.

Table 1. NEE Plans Provide Hundreds of Millions in Savings Over Evergy Plans¹

| Operating Company | NEE PVRR (\$000) | Evergy PVRR (\$000) | Difference (\$000) | % Difference |
|-------------------|------------------|---------------------|--------------------|--------------|
| Metro | \$11,970,450 | \$12,602,399 | -\$631,949 | -5.01% |
| MO West | \$7,050,380 | \$7,764,550 | -\$714,170 | -9.20% |

¹ PVRR means “present value of revenue requirements”.

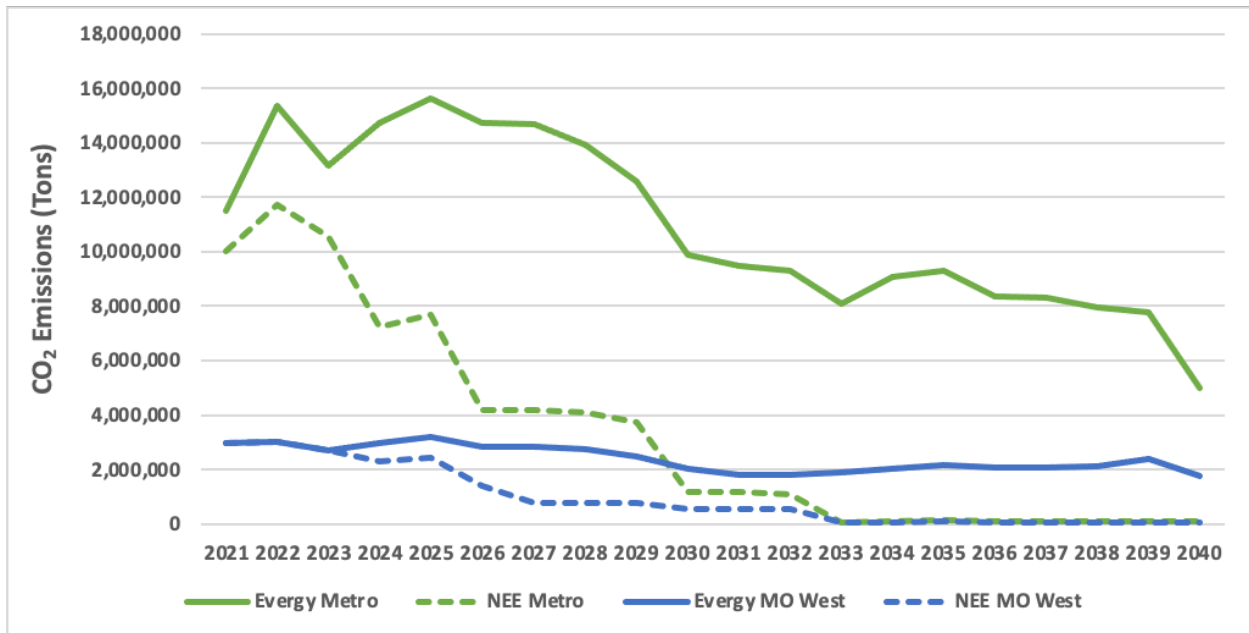


Figure 5. Comparison of CO₂ Emissions between Evergy and NEE Plans

In addition to providing significant cost savings, the NEE plans, particularly the Evergy Metro plan, dramatically reduces CO₂ emissions and does so much more quickly than Evergy is proposing.