

Addendum to Provisional Interconnection Study Report for PI-2023-4

9/30/2024

This addendum updates the ownership of the structure at the Point of Change of Ownership (PCO) from Interconnection Customer ownership to Transmission Provider (PSCo) ownership. This structure at the PCO will be designed, procured, installed, and maintained by the Transmission Provider as part of the Transmission Provider Interconnection Facilities (TPIF). It is expected that the Interconnection Customer will coordinate the permitting for their gen-tie with the Transmission Provider to include this structure, where applicable. The cost estimate and description in Table 12 (below) have been updated to reflect this change.

This update is in accordance with the most current version of the *Interconnection Guidelines for Transmission Interconnected Producer-Owned Generation Greater Than 20 MW*, as amended from time to time, and available at: [Interconnection | Transmission | Corporate | Xcel Energy](#)

The total cost of the required upgrades for PI-2023-4 to interconnect for Provisional Interconnection Service at the Mirasol 230 kV switching station is \$5.085 million.

- Cost of Transmission Provider's Interconnection Facilities is \$2.580 million (Table 12)
- Cost of Station Network Upgrades is \$2.505 million

Table 12 – Transmission Provider's Interconnection Facilities

Element	Description	Cost Est. (million)
PSCo's Mirasol 230 kV switching station	Interconnection of PI-2023-4 at the Mirasol 230 kV switching station. The new equipment includes: <ul style="list-style-type: none">• (1) 230 kV dead end bay• (1) 230 kV 3-phase arrester• (1) 230 kV 3000 A line disconnect switch• (1) 230 kV 3-phase CT for metering• (1) 230 kV 3-phase 3-winding CCVT• Dual fiber communication equipment• Associated electrical equipment, bus, wiring and grounding• Associated foundations and structures• Associated transmission line communications, fiber, relaying and testing	\$2.380
PSCo's Mirasol 230 kV switching station	Transmission Provider's dead-end structure at the Point of Change of Ownership (PCO) outside the switching station fence line and transmission line into new switching station from the PCO. Single span, dead end structure, 3 conductors, insulators, hardware, jumpers and labor.	\$0.200
	Total Cost Estimate for Interconnection Customer-Funded, PSCo-Owned Interconnection Facilities	\$2.580