

Alternative Routes Summary Table

Alternative Routes	Links Included	Approximate Length (in miles)		Route Considerations
		Permanent Power	Construction Power*	
Preferred Route	20, 25, 60, 100, 105, 155, 140, 170*, 160*, 190*, 210*	12.9	5.3 (separate from permanent power route)	<ul style="list-style-type: none"> • Permanent line co-located with proposed water pipeline • Preferred by Santa Rita Experimental Range and Arizona State Land Department • Santa Rita Road designated scenic route by Pima County (February 2010) • Residences near link 155
Alternative 1	20, 25, 60, 100, 130, 135, 95, 140, 170*, 160*, 190*, 210*	12.8	5.3 (separate from permanent power route)	<ul style="list-style-type: none"> • Permanent line co-located with proposed water pipeline • Majority of route supported by Santa Rita Experimental Range and Arizona State Land Department, with the exception of link 130 • Santa Rita Road designated scenic route by Pima County (February 2010) • Link 130, 135: new corridor, no co-location with pipeline, farther from residences
Alternative 2	30, 110, 120*, 105*, 155*, 140*	15.1	7.2 (common with permanent power route)	<ul style="list-style-type: none"> • Co-located with and replaces 46kV structures to link 120 • Requires new access for a portion of link 120 and temporary disturbance for interconnection • Co-located with proposed water pipeline at Santa Rita Road • Santa Rita Experimental Range concern for impacts associated with link 120 as well as links 30 and 110, prefers co-location with proposed pipeline • Residences near link 155
Alternative 3	30, 110, 120*, 130*, 135*, 95*, 140*	15	7.1 (common with permanent power route)	<ul style="list-style-type: none"> • Co-located with and replaces 46kV structures to link 120 • Requires new access for a portion of link 120 and temporary disturbance for interconnection • Co-located with proposed water pipeline at Santa Rita Road • Santa Rita Experimental Range concern for impacts associated with link 120 and 130, as well as links 30 and 110, prefers co-location with proposed pipeline • Link 130, 135: new corridor, no co-location with pipeline, farther from residences
Alternative 4	30, 110, 150, 170*, 160*, 190*, 210*	19.5	5.3 (common with permanent power route)	<ul style="list-style-type: none"> • Co-located with and replaces 46kV structures to Greaterville • Preferred by Town of Sahuarita • Coronado National Forest stated least preferred for visual impacts • Coronado National Forest concern with link 150 within Box Canyon Area • New access required for link 160, which crosses Box Canyon Road (designated scenic road) • Longest route

*Connection for construction power