

Table 1. Proposed Project
Power flow direction, current amounts and line phasing

<u>Tieline</u>	<u>Direction (substation to substation)</u>	<u>Current Amounts Used</u>	<u>Phasing</u>
6920	Sycamore to Artesian	387	CBA (t-b)
6906	Peñasquitos to Miramar	228	ABC (t-b)
675	Peñasquitos to Mesa Rim	503	ABC (t-b)
13804	Peñasquitos to Batiquitos Tap	356	ABC (E-W)
13820	Sycamore to Chicarita	487	CBA (t-b)
13825/13811	Chicarita to Shadowridge	226	ABC (t-b)
23051	Sycamore to Peñasquitos	468	ABC (t-b)
23001	Mission to San Luis Rey	177	ABC (t-b)
23004	Mission to San Luis Rey	354 (bundled)	CBA (t-b)
Proposed 230 kV	Sycamore to Peñasquitos	2,159	ABC (t-b)
675 (proposed Segment D)	Peñasquitos to Mesa Rim	503	ABC (t-b)

"t-b" = top-to-bottom

Table 2. Existing Conditions
Power flow direction, current amounts, average heights above ground and line phasing

<u>Tieline</u>	<u>Direction (substation to substation)</u>	<u>Current Amounts Used</u>	<u>Average HAG (ft.)</u>	<u>Phasing</u>
6920	Sycamore to Artesian	425	41	CBA (t-b)
6906	Peñasquitos to Miramar	153	41	ABC (t-b)
675	Peñasquitos to Mesa Rim	396	47	CBA (N-S)
13804 Segment C	Peñasquitos to Batiquitos Tap	261	46	ABC (E-W)
13804 Segment D	Peñasquitos to Batiquitos Tap	261	41	ABC (t-b)
13820	Sycamore to Chicarita	675	45	CBA (E-W)
13811	Chicarita to Shadowridge	409	41	ABC (E-W)
23051	Sycamore to Peñasquitos	978	41	ABC (t-b)
23001	Mission to San Luis Rey	196	41	ABC (t-b)
23004	Mission to San Luis Rey	196	41	CBA (t-b)

The modeling for Existing Conditions did not include proposed Segment B, as there are no existing power or transmission lines in that segment.