

APPENDIX 1

Special-Status Species Detected or Potentially Occurring on the Project Site

East County Substation/Tule Wind/Energia Sierra Juarez Gen-Tie Projects
APPENDIX 1 – SPECIAL-STATUS SPECIES DETECTED OR POTENTIALLY OCCURRING ON THE PROJECT SITE

Table 1-1
Special-Status Plant Species Detected or Potentially Occurring on the Project Site

Scientific Name	Common Name	Status (Federal/ State/ Other)	CNPS List	Primary Habitat Associations/ Life Form/Blooming Period/ Elevation Range	Status On Site or Potential to Occur on ECO Substation Project Site	Status On Site or Potential to Occur on Tule Project Site	Status On Site or Potential to Occur on ESJ Gen-Tie Project Site
<i>Astragalus douglasii</i> var. <i>perstrictus</i>	Jacumba milk-vetch	None/None/ List A	1B.2	Chaparral, cismontane woodland, riparian scrub; valley and foothill grassland; pinyon and juniper woodlands; rocky/perennial herb/April–June/2,950–4,500 ft.	Observed during the 2009–2010 surveys; multiple CNDDDB records within Jacumba, Live Oak Springs, and Tierra del Sol quadrangles.	Observed during 2010 surveys. Multiple CNDDDB records within Mount Laguna, Sombbrero Peak, Live Oak Springs, and Jacumba quadrangles.	High potential to occur based on habitat. Not observed during surveys. No CNDDDB records within the In-Ko-Pah Gorge quadrangle.
<i>Astragalus magdalenae</i> var. <i>peirsonii</i>	Peirson's milk-vetch	FT/SE/BLM, List A	1B.2	Desert dunes/perennial herb/Dec–April/180–820 ft.	Not expected to occur because it is outside of the known elevation range. No CNDDDB records within the In-Ko-Pah Gorge, Jacumba, Live Oak Springs, or Tierra del Sol quadrangles.	Not expected to occur because it is outside of the known elevation range. No CNDDDB records within Mount Laguna, Sombbrero Peak, Live Oak Springs, or Jacumba quadrangles.	Not expected to occur because it is outside of the known elevation range. No CNDDDB records within the In-Ko-Pah Gorge quadrangle.
<i>Astragalus oocarpus</i>	San Diego milk-vetch	None/ None/ List A	1B.2	Chaparral, cismontane woodland edges, and periphery of meadows/perennial herb/May–Aug/970–4,880 ft.	Low potential to occur; not observed during 2008–2010 surveys. No CNDDDB records within the In-Ko-Pah Gorge,	Low potential to occur; not observed during surveys. No CNDDDB records within Mount Laguna, Sombbrero Peak, Live Oak	Low potential to occur; not observed during surveys. No CNDDDB records within the In-Ko-Pah Gorge quadrangle.

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Table 1-1 (Continued)

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					Jacumba, Live Oak Springs, or Tierra del Sol quadrangles.	Springs, or Jacumba quadrangles.	
<i>Ayenia compacta</i>	California ayenia	None/None/ List B	2.3	Mojave and Sonoran desert scrub; rocky/perennial herb/Mar–April/ 450–3,300 ft.	Moderate potential to occur. Suitable habitat present. Not observed during the 2008–2010 surveys. No CNDDDB records within the In-Ko-Pah Gorge, Jacumba, Live Oak Springs, or Tierra del Sol quadrangles.	Moderate potential to occur based on suitable habitat. Not observed during surveys. Three CNDDDB records within Sombrero Peak quadrangle.	Moderate potential to occur based on suitable habitat. Not observed during surveys. No CNDDDB records within the In-Ko-Pah Gorge quadrangle.
<i>Berberis fremontii</i>	Fremont barberry	None/None/None	3	Chaparral, Joshua tree woodland, pinyon and juniper woodland; rocky/evergreen shrub/April–June/2,694–5,934 ft.	Not expected to occur because this species would have been observed during 2008–2010 surveys. No CNDDDB records within the In-Ko-Pah Gorge, Jacumba, Live Oak Springs, or Tierra del Sol quadrangles.	Not expected to occur because this species would have been observed during surveys. No CNDDDB records within Mount Laguna, Sombrero Peak, Live Oak Springs, or Jacumba quadrangles.	Not expected to occur as this species would have been detected during surveys. No CNDDDB records within the In-Ko-Pah Gorge quadrangle.

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<i>Bursera microphylla</i>	Elephant tree	None/None/None	2.3	Sonoran desert scrub; deciduous tree/June–July/620–2,200 ft.	Moderate potential to occur. Marginal habitat present; however, outside the known elevation range. Not observed during 2008–2010 surveys. One CNDDDB record within the In-Ko-Pah Gorge quadrangle. This species would have been observed if it occurred in the project area.	Moderate potential to occur based on habitat. Marginal habitat present; however, outside the known elevation range. No CNDDDB records within Mount Laguna, Sombrero Peak, Live Oak Springs, or Jacumba quadrangles. This species would have been observed if it occurred in the project area.	Moderate potential to occur based on habitat. Marginal habitat present; however, outside the known elevation range. One CNDDDB record within the In-Ko-Pah Gorge quadrangle. This species would have been observed if it occurred in the project area.
<i>Calliandra eriophylla</i>	Pink fairy duster	None/None/ List B	2.3	Sonoran desert scrub; sandy, rocky/deciduous shrub/ Mar–April/385–4,812 ft.	Low potential to occur because this species would have been observed during 2008–2010 surveys. No CNDDDB records within the In-Ko-Pah Gorge, Jacumba, Live Oak Springs, or	Low potential to occur because this species would have been observed during surveys. No CNDDDB records within Mount Laguna, Sombrero Peak, Live Oak Springs, or Jacumba	Low potential to occur because this species would have been observed during surveys. No CNDDDB records within the In-Ko-Pah Gorge quadrangle.

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					Tierra del Sol quadrangles.	quadrangles.	
<i>Calochortus dunnii</i>	Dunn's mariposa lily	None/SR/List A	1B.2	Closed-cone conifer forest, chaparral; gabbroic or metavolcanic/bulbiferous herb/April–June/ 1,200–6,000 ft.	Low potential to occur. Marginal habitat present. Not observed during the 2008–2010 surveys. No CNDDDB records within the In-Ko-Pah Gorge, Jacumba, Live Oak Springs, or Tierra del Sol quadrangles.	Low potential to occur. Not observed during surveys. One CNDDDB record within Mount Laguna quadrangle.	Low potential to occur. Not observed during surveys. No CNDDDB records within the In-Ko-Pah Gorge quadrangle.
<i>Caulanthus simulans</i>	Payson's jewelflower	None/None/ List D	4.2	Chaparral, coastal scrub; sandy, granitic substrate/annual herb/(Feb) Mar–May (June)/295–7,282 ft.	Low potential to occur. Marginal habitat present. Not observed during the 2008–2010 surveys. No CNDDDB records within the In-Ko-Pah Gorge, Jacumba, Live Oak Springs, or Tierra del Sol quadrangles.	Observed. No CNDDDB records within Mount Laguna, Sombrero Peak, Live Oak Springs, or Jacumba quadrangles.	Not expected to occur. Not observed during surveys. No CNDDDB records within the In-Ko-Pah Gorge quadrangle.

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<i>Ceanothus verrucosus</i>	Wart-stemmed ceanothus	None/None/ List B	2.2	Chaparral/evergreen shrub/Dec–May/< 1,250 ft.	Not expected to occur; outside of known elevation range. Not observed during the 2008–2010 surveys. No CNDDDB records within the In-Ko-Pah Gorge, Jacumba, Live Oak Springs, or Tierra del Sol quadrangles.	Not expected to occur. Not observed during surveys and outside known elevation range. No CNDDDB records within Mount Laguna, Sombrero Peak, Live Oak Springs, or Jacumba quadrangles.	Not expected to occur. Not observed during surveys and outside the known elevation range. No CNDDDB records within the In-Ko-Pah Gorge quadrangle.
<i>Chamaesyce platysperma</i>	Flat-seeded spurge	None/None/BLM, List A	1B.2	Sonoran desert, desert dunes; sandy soils/annual herb/Feb–Sept/208–320 ft.	Not expected to occur; outside elevation range. Closest CNDDDB record is in Coachella Valley. Not observed during the 2008–2010 surveys. No CNDDDB records within the In-Ko-Pah Gorge, Jacumba, Live Oak Springs, or Tierra del Sol quadrangles.	Not expected to occur; outside elevation range. Closest CNDDDB record is in Coachella Valley. No CNDDDB records within Mount Laguna, Sombrero Peak, Live Oak Springs, or Jacumba quadrangles.	Not expected to occur; outside elevation range. Closest CNDDDB record is in Coachella Valley. Not observed during surveys. No CNDDDB records within the In-Ko-Pah Gorge quadrangle.

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<i>Clarkia delicata</i>	Delicate clarkia	None/None/ List A	1B.2	Chaparral, cismontane woodland; gabbroic soil/annual herb/April–June/770–3,280 ft.	Low potential to occur. Marginal habitat present. Not observed during the 2008–2010 surveys. No CNDDDB records within the In-Ko-Pah Gorge, Jacumba, Live Oak Springs, or Tierra del Sol quadrangles.	Low potential to occur. Marginal habitat present. Not observed during surveys. No CNDDDB records within Mount Laguna, Sombrero Peak, Live Oak Springs, or Jacumba quadrangles.	Low potential to occur. Not observed during surveys and no CNDDDB records within the In-Ko-Pah Gorge quadrangle.
<i>Croton wigginsii</i>	Wiggin's croton	None/SR/BLM	2.2	Sonoran desert scrub, desert dunes/shrub/Mar–May/160–320 ft.	Not expected to occur; outside elevation range. Closest CNDDDB record is in Coachella Valley. Not observed during the 2008–2010 surveys. No CNDDDB records within the In-Ko-Pah Gorge, Jacumba, Live Oak Springs, or Tierra del Sol quadrangles.	Not expected to occur; outside elevation range. Closest CNDDDB record is in Coachella Valley. No CNDDDB records within Mount Laguna, Sombrero Peak, Live Oak Springs, or Jacumba quadrangles.	Not expected to occur; outside elevation range. Closest CNDDDB record is in Coachella Valley. Not observed during surveys. No CNDDDB records within the In-Ko-Pah Gorge quadrangle.

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<i>Cylindropuntia wolfii</i>	Wolf's cholla	None/None/ List D	4.3	Sonoran desert scrub/succulent stem/Mar–May/320–3,840 ft.	Low potential to occur because this species would have been observed during 2008–2010 surveys. No CNDDDB records within the In-Ko-Pah Gorge, Jacumba, Live Oak Springs, or Tierra del Sol quadrangles.	Low potential to occur because this species would have been observed during surveys. No CNDDDB records within Mount Laguna, Sombrero Peak, Live Oak Springs, or Jacumba quadrangles.	Low potential to occur because this species would have been observed during surveys. No CNDDDB records within the In-Ko-Pah Gorge quadrangle.
<i>Cynanchum utahense</i>	Utah vine milkweed	None/None/ List D	4.2	Mojavean desert scrub, Sonoran desert scrub; sandy, gravelly/perennial herb/Apr–June/492–4,707 ft.	Moderate potential to occur. Not observed during the 2008–2010 surveys. No CNDDDB records within the In-Ko-Pah Gorge, Jacumba, Live Oak Springs, or Tierra del Sol quadrangles.	Moderate potential to occur. Not observed during surveys. No CNDDDB records within Mount Laguna, Sombrero Peak, Live Oak Springs, or Jacumba quadrangles.	Moderate potential to occur based on suitable habitat. Not observed during spring surveys. No CNDDDB records within the In-Ko-Pah Gorge quadrangle.
<i>Deinandra [Hemizonia] floribunda</i>	Tecate tarplant	None/None/ List A	1B.2	Chaparral, coastal scrub/annual herb/Aug–Oct/230–4,000 ft.	High potential to occur. Suitable habitat present.	Observed during 2010 surveys. Multiple CNDDDB	Moderate potential to occur due to lack of

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					Not observed during 2008–2010 survey. Multiple CNDDDB records within Jacumba, Live Oak Springs, and Tierra del Sol quadrangles.	records within Jacumba, Live Oak Springs, and Sombrero Peak quadrangles.	suitable habitat. Not observed during surveys. No CNDDDB records within the In-Ko-Pah Gorge quadrangle.
<i>Delphinium hesperium</i> ssp. <i>cuyamaca</i>	Cuyamaca larkspur	None/SR/List A	1B.2	Lower montane conifer forest, meadows and seeps, mesic areas/perennial herb/June–July/3,700–5,000 ft.	Not expected to occur; outside of known elevation range. Not observed during the 2008–2010 surveys. No CNDDDB records within the In-Ko-Pah Gorge, Jacumba, Live Oak Springs, or Tierra del Sol quadrangles.	Not expected to occur based on lack of suitable habitat; outside of known elevation range. Not observed during surveys. One CNDDDB record in Mount Laguna quadrangle.	Not expected to occur. Not observed during surveys. No CNDDDB records within the In-Ko-Pah Gorge quadrangle.
<i>Delphinium parishii</i> ssp. <i>subglobosum</i>	Colorado desert (oceanblue) larkspur	None/None/ List D	4.3	Chaparral, cismontane woodland, pinyon and juniper woodland, Sonoran desert scrub/perennial herb/Mar–June/1,968–5,904 ft.	Observed during 2009–2010 surveys throughout project area. No CNDDDB records within the In-Ko-Pah Gorge,	Observed during 2010 surveys. No CNDDDB records within Mount Laguna, Sombrero Peak, Live Oak Springs, or	Moderate potential to occur. Not observed during surveys. No CNDDDB records within the In-Ko-Pah Gorge

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					Jacumba, Live Oak Springs, or Tierra del Sol quadrangles.	Jacumba quadrangles.	quadrangle.
<i>Dieteria [Machaeranthera] asteroides</i> var. <i>lagunensis</i>	Mount Laguna Aster	None/SR/List B	2.1	Cismontane woodland, lower montane coniferous forest/perennial herb/July–Aug/2,600–7,900 ft.	Low potential to occur. Some suitable habitat present. Not observed during the 2008–2010 surveys. One CNDDDB record within the Jacumba quadrangle.	Low potential to occur. Some suitable habitat present. Not observed during surveys. Two CNDDDB records within the Jacumba and Mount Laguna quadrangles.	Not expected to occur due to lack of suitable habitat. Not observed during surveys. No CNDDDB records within the In-Ko-Pah Gorge quadrangle.
<i>Ericameria cuneata</i> var. <i>macrocephala</i>	Laguna Mountains goldenbush	None/None/ List A	1B.3	Chaparral (granitic outcrops)/shrub/Sept–Dec/3,600–5,600 ft.	Not expected to occur; outside of known elevation range. Not observed during the 2008–2010 surveys. No CNDDDB records within the In-Ko-Pah Gorge, Jacumba, Live Oak Springs, or Tierra del Sol quadrangles.	Not expected to occur; outside of known elevation range. Not observed during surveys. One CNDDDB record within the Mount Laguna quadrangle.	Not expected to occur due to lack of suitable habitat. Not observed during surveys. No CNDDDB records within the In-Ko-Pah Gorge quadrangle.

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<i>Eryngium aristulatum</i> var. <i>parishii</i>	San Diego button-celery	FE/SE/List A	1B.1	Coastal scrub, valley and foothill grassland, vernal pools, mesic/annual-perennial herb/April–June/50–2,000 ft.	Not expected to occur; outside of known elevation range. Not observed during the 2008–2010 surveys. One CNDDDB record within the In-Ko-Pah Gorge quadrangle.	Not expected to occur; outside of known elevation range. Not observed during surveys. No CNDDDB records within Mount Laguna, Sombrero Peak, Live Oak Springs, or Jacumba quadrangles.	Not expected to occur due to lack of suitable habitat. Not observed during surveys. One CNDDDB record within the In-Ko-Pah Gorge quadrangle.
<i>Euclide rupestris</i>	Annual rock nettle	None/None/ List B	2.2	Sonoran desert scrub/annual herb/Dec–April/1,500–1,900 ft.	Not expected to occur; outside of known elevation range. Not observed during the 2008–2010 surveys. One CNDDDB record within the In-Ko-Pah Gorge quadrangle.	Not expected to occur; outside of known elevation range. Not observed during surveys. No CNDDDB records within Mount Laguna, Sombrero Peak, Live Oak Springs, or Jacumba quadrangles.	Not expected to occur; outside of known elevation range. One CNDDDB record within the In-Ko-Pah Gorge quadrangle.
<i>Geraea viscida</i>	Sticky geraea	None/None/ List B	2.3	Chaparral (often in disturbed areas)/perennial herb May–June/1,500–5,600 ft.	Observed during 2009–2010 surveys. Multiple	Observed during 2010 surveys. Multiple CNDDDB	High potential to occur. Not observed during

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					CNDDDB records within the In-Ko-Pah Gorge, Jacumba, Live Oak Springs, and Tierra del Sol quadrangles.	record within Jacumba, Live Oak Springs, Mount Laguna, and Sombrero Peak quadrangles.	surveys. Two CNDDDB records within the In-Ko-Pah Gorge quadrangle.
<i>Grindelia hirsutula</i> var. <i>hallii</i>	San Diego gumplant	None/None/ List A	1B.2	Chaparral, lower montane conifer forest, meadows and seeps, valley and foothill grassland/perennial herb/July–Oct/570–5,000 ft.	Low potential to occur. Marginal habitat present. Not observed during the 2008–2010 surveys. No CNDDDB records within the In-Ko-Pah Gorge, Jacumba, Live Oak Springs, or Tierra del Sol quadrangles.	Low potential to occur. Some suitable habitat present. Not observed during surveys. Four CNDDDB records within the Mount Laguna quadrangle.	Not expected to occur due to lack of suitable habitat. Not observed during surveys and. No CNDDDB records within the In-Ko-Pah Gorge quadrangle.
<i>Harpagonella palmeri</i>	Palmer's grappling hook	None/None/ List D	4.2	Chaparral, coastal scrub, valley and foothill grassland; clay substrate/annual herb Mar–May/65–3,132 ft.	Observed during 2009–2010 surveys. No CNDDDB records within the In-Ko-Pah Gorge, Jacumba, Live Oak Springs, or Tierra del Sol	Low potential to occur. Marginal habitat present due to lack of suitable soils. Not observed during surveys. No CNDDDB records within Mount	Low potential to occur due to lack of suitable soils. Not observed during surveys and. No CNDDDB records within the In-Ko-Pah Gorge quadrangle.

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					quadrangles.	Laguna, Sombrero Peak, Live Oak Springs, or Jacumba quadrangles.	
<i>Helianthus niveus</i> ssp. <i>tephrodes</i>	Algodones Dunes sunflower	None/SE/BLM	1B.2	Desert dunes/perennial herb/Sept–May/160–320 ft.	Not expected to occur; outside of known elevation range. Not observed during the 2008–2010 surveys. No CNDDDB records within the In-Ko-Pah Gorge, Jacumba, Live Oak Springs, or Tierra del Sol quadrangles.	Not expected to occur; outside of known elevation range. Not observed during surveys. No CNDDDB records within Mount Laguna, Sombrero Peak, Live Oak Springs, or Jacumba quadrangles.	Not expected to occur; outside of known elevation range. Not observed during surveys. No CNDDDB records within the In-Ko-Pah Gorge quadrangle.
<i>Herissantia crispa</i>	Curly herissantia	None/None/ List B	2.3	Sonoran desert scrub/annual or perennial herb/Aug–Sept/2,200–2,400 ft.	Moderate potential to occur. Marginal habitat present. Not observed during the 2008–2010 surveys. One CNDDDB record within the In-Ko-Pah Gorge quadrangle.	Moderate potential to occur based on suitable habitat. Not observed during surveys. No CNDDDB records within Mount Laguna, Sombrero Peak, Live Oak Springs,	Moderate potential to occur based on habitat; however, the project site is outside of the known elevation range. One CNDDDB record within the In-Ko-

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						or Jacumba quadrangles.	Pah Gorge quadrangle.
<i>Heuchera brevistaminea</i>	Laguna Mountains alumroot	None/None/ List A	1B.3	Broad-leaved upland forest, chaparral, cismontane woodland, riparian forest; rocky/perennial rhizomatous herb/April–July (Sept)/4,400–6,500 ft.	Not expected to occur; outside of known elevation range. Not observed during the 2008–2010 surveys. No CNDDDB records within the In-Ko-Pah Gorge, Jacumba, Live Oak Springs, or Tierra del Sol quadrangles.	Observed during 2010 surveys. One CNDDDB record in Mount Laguna quadrangle.	Not expected to occur due to lack of suitable habitat and outside known elevation range. Not observed during surveys. No CNDDDB records within the In-Ko-Pah Gorge quadrangle.
<i>Hulsea californica</i>	San Diego sunflower	None/None/ List A	1B.3	Chaparral, lower montane conifer forest, upper montane conifer forest; openings and burned areas/perennial herb/April–June/3,000–9,600 ft.	Low potential to occur. Marginal habitat present. Not observed during the 2008–2010 surveys. No CNDDDB records within the In-Ko-Pah Gorge, Jacumba, Live Oak Springs, or Tierra del Sol quadrangles.	Observed during 2010 surveys. Six CNDDDB records within Mount Laguna and Sombrero Peak quadrangles.	Not expected to occur due to lack of suitable habitat. One CNDDDB record within the In-Ko-Pah Gorge quadrangle.

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<i>Hulsea mexicana</i>	Mexican hulsea	None/None/ List B	2.3	Chaparral (volcanic, often on burns or disturbed areas)/annual-perennial herb/April–June/1,800–3,800 ft.	Low potential to occur. Marginal habitat present. Not observed during the 2008–2010 surveys. Multiple CNDDB records within the In-Ko-Pah Gorge and Jacumba quadrangles.	Low potential to occur. One CNDDB record within Jacumba quadrangle.	Low potential to occur. One CNDDB record within the In-Ko-Pah Gorge quadrangle.
<i>Ipomopsis tenuifolia</i>	Slender-leaved ipomopsis	None/None/ List B	2.3	Chaparral, pinyon and juniper woodland, Sonoran desert scrub; gravelly or rocky/perennial herb/Mar–May/330–4,000 ft.	Observed during 2009–2010 surveys. Multiple CNDDB records within the In-Ko-Pah Gorge and Jacumba quadrangles.	High potential to occur based on suitable habitat. Multiple CNDDB records within the Jacumba quadrangle.	High potential to occur based on suitable habitat. Five CNDDB records within the In-Ko-Pah Gorge quadrangle.
<i>Lathyrus splendens</i>	Pride-of-California	None/None/None	4.3	Chaparral; perennial herb/Mar–June/642–4,892 ft.	Observed during 2009–2010 surveys. No CNDDB records within the In-Ko-Pah Gorge, Jacumba, Live Oak Springs, or Tierra del Sol quadrangles.	Low potential to occur. Marginal habitat present. Not observed during surveys. No CNDDB records within Jacumba, Live Oak Springs, Mount Laguna,	Low potential to occur due to lack of suitable habitat. No CNDDB records within the In-Ko-Pah Gorge quadrangle.

East County Substation/Tule Wind/Energia Sierra Juarez Gen-Tie Projects
APPENDIX 1 – SPECIAL-STATUS SPECIES DETECTED OR POTENTIALLY OCCURRING ON THE PROJECT SITE

Table 1-1 (Continued)

Scientific Name	Common Name	Status (Federal/ State/ Other)	CNPS List	Primary Habitat Associations/ Life Form/Blooming Period/ Elevation Range	Status On Site or Potential to Occur on ECO Substation Project Site	Status On Site or Potential to Occur on Tule Project Site	Status On Site or Potential to Occur on ESJ Gen-Tie Project Site
						and Sombrero Peak quadrangles.	
<i>Lepidium virginicum</i> var. <i>robinsonii</i>	Robinson's pepper-grass	None/None/ List A	1B.2	Chaparral, coastal scrub/annual herb/Jan–July/< 2,900 ft.	Low potential to occur. Marginal habitat present. Not observed during the 2008–2010 surveys. No CNDDDB records within the In-Ko-Pah Gorge, Jacumba, Live Oak Springs, or Tierra del Sol quadrangles.	Low potential to occur. Marginal habitat present. No CNDDDB records within Jacumba, Live Oak Springs, Mount Laguna, and Sombrero Peak quadrangles.	Low potential to occur. Not observed during surveys. No CNDDDB records within the In-Ko-Pah Gorge quadrangle.
<i>Limnanthes gracilis</i> ssp. <i>parishii</i>	Parish's meadowfoam	None/SE/ List A	1B.2	Lower montane coniferous forest, meadows and seeps, vernal pools; vernal mesic/annual herb/April–June/1,900–6,500 ft.	Not expected to occur based on lack of suitable habitat. Not observed during the 2008–2010 surveys. No CNDDDB records within the In-Ko-Pah Gorge, Jacumba, Live Oak Springs, or Tierra del Sol quadrangles.	Not expected to occur based on lack of suitable habitat. One CNDDDB record in Mount Laguna quadrangle.	Not expected to occur due to lack of suitable habitat. Not observed during surveys. No CNDDDB records within the In-Ko-Pah Gorge quadrangle.

East County Substation/Tule Wind/Energia Sierra Juarez Gen-Tie Projects
APPENDIX 1 – SPECIAL-STATUS SPECIES DETECTED OR POTENTIALLY OCCURRING ON THE PROJECT SITE

Table 1-1 (Continued)

Scientific Name	Common Name	Status (Federal/ State/ Other)	CNPS List	Primary Habitat Associations/ Life Form/Blooming Period/ Elevation Range	Status On Site or Potential to Occur on ECO Substation Project Site	Status On Site or Potential to Occur on Tule Project Site	Status On Site or Potential to Occur on ESJ Gen-Tie Project Site
<i>Linanthus bellus</i>	Desert beauty	None/None/ List B	2.3	Chaparral; sandy/annual herb/April–May/3,280–4,600 ft.	Observed during 2009–2010 surveys. Multiple CNDDB records within Jacumba, Live Oak Springs, and Tierra del Sol quadrangles.	Observed during 2010 surveys. Multiple CNDDB records within Jacumba, Live Oak Springs, and Sombrero Peak quadrangles.	High potential to occur based on nearby records of species. No CNDDB records within the In-Ko-Pah Gorge quadrangle.
<i>Lotus haydonii</i>	Pygmy lotus	None/None/ List A	1B.3	Pinyon and juniper woodland; Sonoran desert scrub; rocky/perennial herb/Jan–June/1,700–3,950 ft.	Moderate potential to occur. Suitable habitat present. Not observed during 2008–2010 surveys. Two CNDDB records within the In-Ko-Pah Gorge and Jacumba quadrangles.	Moderate potential to occur based on suitable habitat. One CNDDB record within Jacumba quadrangle.	Moderate potential to occur based on suitable habitat. One CNDDB record within the In-Ko-Pah Gorge quadrangle.
<i>Lupinus excubitus</i> var. <i>medius</i>	Mountain Springs bush lupine	None/None/BLM, List A	1B.3	Pinyon and juniper woodland; Sonoran desert scrub/shrub/Mar–May/1,350–4,500 ft.	Moderate potential to occur. Suitable habitat present. Not observed during 2008–2010 surveys. Multiple CNDDB records within the In-Ko-Pah Gorge	Observed during 2010 surveys. Multiple CNDDB records within Jacumba and Sombrero Peak quadrangles.	Moderate potential to occur based on suitable habitat. Four CNDDB records within the In-Ko-Pah Gorge quadrangle.

East County Substation/Tule Wind/Energia Sierra Juarez Gen-Tie Projects
APPENDIX 1 – SPECIAL-STATUS SPECIES DETECTED OR POTENTIALLY OCCURRING ON THE PROJECT SITE

Table 1-1 (Continued)

Scientific Name	Common Name	Status (Federal/ State/ Other)	CNPS List	Primary Habitat Associations/ Life Form/Blooming Period/ Elevation Range	Status On Site or Potential to Occur on ECO Substation Project Site	Status On Site or Potential to Occur on Tule Project Site	Status On Site or Potential to Occur on ESJ Gen-Tie Project Site
					and Jacumba quadrangles.		
<i>Lycium parishii</i>	Parish's desert-thorn	None/None/ List B	2.3	Desert and coastal scrub/shrub/Mar–April/950–3,000 ft.	Moderate potential to occur, not observed during 2008–2010 surveys. Suitable habitat present. No CNDDDB records within the In-Ko-Pah Gorge, Jacumba, Live Oak Springs, or Tierra del Sol quadrangles.	Moderate potential to occur based on suitable habitat. Not observed during surveys. No CNDDDB records within Mount Laguna, Sombrero Peak, Live Oak Springs, or Jacumba quadrangles.	Low potential to occur. Not observed during surveys. No CNDDDB records within the In-Ko-Pah Gorge quadrangle.
<i>Malacothamnus aboriginum</i>	Indian Valley bushmallow	None/None/ List A	1B.2	Found in rocky places in the Laguna Mountains/deciduous shrub/May–Aug/> 4,291 ft.	Not expected to occur, not observed during 2008–2010 surveys. Suitable habitat present. Outside elevation range. No CNDDDB records within the In-Ko-Pah Gorge, Jacumba, Live Oak Springs, or Tierra del Sol quadrangles.	Low potential to occur based on suitable habitat. Not observed during surveys. No CNDDDB records within Mount Laguna, Sombrero Peak, Live Oak Springs, or Jacumba quadrangles.	Not expected to occur. Outside elevation range. Not observed during surveys. No CNDDDB records within the In-Ko-Pah Gorge quadrangle.

East County Substation/Tule Wind/Energia Sierra Juarez Gen-Tie Projects
APPENDIX 1 – SPECIAL-STATUS SPECIES DETECTED OR POTENTIALLY OCCURRING ON THE PROJECT SITE

Table 1-1 (Continued)

Scientific Name	Common Name	Status (Federal/ State/ Other)	CNPS List	Primary Habitat Associations/ Life Form/Blooming Period/ Elevation Range	Status On Site or Potential to Occur on ECO Substation Project Site	Status On Site or Potential to Occur on Tule Project Site	Status On Site or Potential to Occur on ESJ Gen-Tie Project Site
<i>Matelea parvifolia</i>	Spearleaf	None/None/ List B	2.3	Sonoran desert scrub and Mojavean desert scrub on arid plains and near arroyos/perennial herb/Mar–May/1,400–3,500 ft.	Low potential to occur, not observed during 2008–2010 surveys. Suitable habitat present. Outside elevation range. No CNDDDB records within the In-Ko-Pah Gorge, Jacumba, Live Oak Springs, or Tierra del Sol quadrangles.	Low potential to occur. Not observed during surveys. Suitable habitat present. No CNDDDB records within Mount Laguna, Sombrero Peak, Live Oak Springs, or Jacumba quadrangles.	Low potential to occur. Outside elevation range. Not observed during surveys. No CNDDDB records within the In-Ko-Pah Gorge quadrangle.
<i>Mentzelia hirsutissima</i>	Hairy stickleaf	None/None/ List B	2.3	Sonoran desert scrub; rocky/annual herb/Mar–May/< 2,450 ft.	Moderate potential to occur. Marginal habitat present. Not observed during the 2008–2010 surveys. One CNDDDB record within the In-Ko-Pah Gorge quadrangle.	Moderate potential to occur based on suitable habitat. Not observed during surveys. No CNDDDB records within Mount Laguna, Sombrero Peak, Live Oak Springs, or Jacumba quadrangles.	Moderate potential to occur based on suitable habitat. Not observed during surveys and. No CNDDDB records within the In-Ko-Pah Gorge quadrangle.
<i>Mentzelia tridentata</i>	Creamy blazing star	None/None/None	1B.3	Mojave desert scrub; rocky, gravelly, sandy/annual herb/Mar–May/2,300–3,300 ft.	Moderate potential to occur. Suitable habitat present.	Moderate potential to occur based on suitable habitat.	Moderate potential to occur. Not observed

East County Substation/Tule Wind/Energia Sierra Juarez Gen-Tie Projects
APPENDIX 1 – SPECIAL-STATUS SPECIES DETECTED OR POTENTIALLY OCCURRING ON THE PROJECT SITE

Table 1-1 (Continued)

Scientific Name	Common Name	Status (Federal/ State/ Other)	CNPS List	Primary Habitat Associations/ Life Form/Blooming Period/ Elevation Range	Status On Site or Potential to Occur on ECO Substation Project Site	Status On Site or Potential to Occur on Tule Project Site	Status On Site or Potential to Occur on ESJ Gen-Tie Project Site
					Not observed during 2008–2010 surveys. One CNDDDB record within the In-Ko-Pah Gorge quadrangle.	Not observed during surveys. No CNDDDB records within Mount Laguna, Sombrero Peak, Live Oak Springs, or Jacumba quadrangles.	during surveys. One CNDDDB record within the In-Ko-Pah Gorge quadrangle.
<i>Mimulus aridus</i>	Jacumba monkeyflower	None/None/ List D	4.3	Chaparral; rocky/evergreen shrub/April–June/2,400–3,530 ft.	Observed during 2009 surveys. No CNDDDB records within the In-Ko-Pah Gorge, Jacumba, Live Oak Springs, or Tierra del Sol quadrangles.	Observed during 2010 surveys. No CNDDDB records within Mount Laguna, Sombrero Peak, Live Oak Springs, or Jacumba quadrangles.	Low potential to occur based on lack of suitable habitat. Not observed during surveys. No CNDDDB records within the In-Ko-Pah Gorge quadrangle.
<i>Mimulus palmeri</i>	Palomar monkeyflower	None/None/ List D	None	Lower montane coniferous forest and chaparral, sandy soils, often disturbed/annual herb/Mar–June/< 6,740 ft.	Moderate potential to occur. Not observed during the 2008–2010 surveys. No CNDDDB records within the In-Ko-Pah Gorge, Jacumba, Live Oak Springs, or	Observed during 2010 surveys. No CNDDDB records within Mount Laguna, Sombrero Peak, Live Oak Springs, or Jacumba quadrangles.	Low potential to occur based on lack of suitable habitat. Not observed during surveys. No CNDDDB records within the In-Ko-Pah Gorge quadrangle.

East County Substation/Tule Wind/Energia Sierra Juarez Gen-Tie Projects
APPENDIX 1 – SPECIAL-STATUS SPECIES DETECTED OR POTENTIALLY OCCURRING ON THE PROJECT SITE

Table 1-1 (Continued)

Scientific Name	Common Name	Status (Federal/ State/ Other)	CNPS List	Primary Habitat Associations/ Life Form/Blooming Period/ Elevation Range	Status On Site or Potential to Occur on ECO Substation Project Site	Status On Site or Potential to Occur on Tule Project Site	Status On Site or Potential to Occur on ESJ Gen-Tie Project Site
					Tierra del Sol quadrangles.		
<i>Nemacaulis denudata</i> var. <i>gracilis</i>	Slender woolly-heads	None/None/ List B	2.2	Coastal dunes, desert dunes, Sonoran desert scrub/annual herb/(Mar)April–May/<1,283 ft.	Not expected to occur; outside of known elevation range. Not observed during the 2008–2010 surveys. No CNDDDB records within the In-Ko-Pah Gorge, Jacumba, Live Oak Springs, or Tierra del Sol quadrangles.	Not expected to occur; outside of known elevation range. Not observed during surveys. No CNDDDB records within Mount Laguna, Sombrero Peak, Live Oak Springs, or Jacumba quadrangles.	Not expected to occur; outside of known elevation range. Four CNDDDB records within the In-Ko-Pah Gorge quadrangle.
<i>Opuntia munzii</i>	Munz's cholla	None/ None/ BLM	1B.3	Sonoran desert scrub/sandy, gravelly/stem succulent/May/480–1,920 ft.	Not expected to occur; would have been detected during 2008–2010 surveys. No CNDDDB records within the In-Ko-Pah Gorge, Jacumba, Live Oak Springs, or Tierra del Sol quadrangles.	Not expected to occur; would have been observed during surveys. No CNDDDB records within Mount Laguna, Sombrero Peak, Live Oak Springs, or Jacumba quadrangles.	Not expected to occur; outside of known elevation range. Not observed during surveys. No CNDDDB records within the In-Ko-Pah Gorge quadrangle.

East County Substation/Tule Wind/Energia Sierra Juarez Gen-Tie Projects
APPENDIX 1 – SPECIAL-STATUS SPECIES DETECTED OR POTENTIALLY OCCURRING ON THE PROJECT SITE

Table 1-1 (Continued)

Scientific Name	Common Name	Status (Federal/ State/ Other)	CNPS List	Primary Habitat Associations/ Life Form/Blooming Period/ Elevation Range	Status On Site or Potential to Occur on ECO Substation Project Site	Status On Site or Potential to Occur on Tule Project Site	Status On Site or Potential to Occur on ESJ Gen-Tie Project Site
<i>Penstemon thurberi</i>	Thurber's beardtongue	None/None/ List D	4.2	Joshua Tree woodland, pinyon and juniper woodland, Sonoran desert scrub, chaparral/perennial herb/May–July/1,600–3,913 ft.	Moderate potential to occur. Suitable habitat present. Not observed during 2008–2010 surveys. No CNDDDB records within the In-Ko-Pah Gorge, Jacumba, Live Oak Springs, or Tierra del Sol quadrangles.	Moderate potential to occur based on suitable habitat. Not observed during surveys. No CNDDDB records within Mount Laguna, Sombrero Peak, Live Oak Springs, or Jacumba quadrangles.	Moderate potential to occur based on suitable habitat. Not observed during surveys. No CNDDDB records within the In-Ko-Pah Gorge quadrangle.
<i>Rhus trilobata</i> var. <i>simplicifolia</i>	Single-leaved skunkbush	None/None/ List B	2.3	Pinyon and juniper woodland/deciduous shrub/Mar–April/3,913–4,394 ft.	Not expected to occur; would have been detected during 2008–2010 surveys. No CNDDDB records within the In-Ko-Pah Gorge, Jacumba, Live Oak Springs, or Tierra del Sol quadrangles.	Not expected to occur; would have been observed during surveys. No CNDDDB records within Mount Laguna, Sombrero Peak, Live Oak Springs, or Jacumba quadrangles.	Low potential to occur; outside of known elevation range. Not observed during surveys. No CNDDDB records within the In-Ko-Pah Gorge quadrangle.
<i>Ribes canthariforme</i>	Moreno currant	None/None/ List A	1B.3	Chaparral in areas of acid igneous rock with massive exposed boulders/deciduous shrub/Feb–April/1,080-3,840 ft.	Not expected to occur; would have been detected during 2008–2010	Not expected to occur; would have been observed during surveys.	Not expected to occur; would have been observed during surveys.

East County Substation/Tule Wind/Energia Sierra Juarez Gen-Tie Projects
APPENDIX 1 – SPECIAL-STATUS SPECIES DETECTED OR POTENTIALLY OCCURRING ON THE PROJECT SITE

Table 1-1 (Continued)

Scientific Name	Common Name	Status (Federal/ State/ Other)	CNPS List	Primary Habitat Associations/ Life Form/Blooming Period/ Elevation Range	Status On Site or Potential to Occur on ECO Substation Project Site	Status On Site or Potential to Occur on Tule Project Site	Status On Site or Potential to Occur on ESJ Gen-Tie Project Site
					surveys. No CNDDDB records within the In-Ko-Pah Gorge, Jacumba, Live Oak Springs, or Tierra del Sol quadrangles.	No CNDDDB records within Mount Laguna, Sombrero Peak, Live Oak Springs, or Jacumba quadrangles.	Not observed during surveys and no CNDDDB records within the In-Ko-Pah Gorge quadrangle.
<i>Scutellaria bolanderi</i> ssp. <i>austroriparia</i>	Southern mountains skullcap	None/None/ List A	1B.2	Chaparral, cismontane woodland, lower montane coniferous forest; mesic/rhizomatous herb/June–Aug/1,970–6,560 ft.	Low potential to occur. Marginal habitat present. Not observed during the 2008–2010 surveys. No CNDDDB records within the In-Ko-Pah Gorge, Jacumba, Live Oak Springs, or Tierra del Sol quadrangles.	Low potential to occur. Not observed during surveys. No CNDDDB records within Mount Laguna, Sombrero Peak, Live Oak Springs, or Jacumba quadrangles.	Not expected to occur due to lack of suitable habitat. Not observed during surveys. No CNDDDB records within the In-Ko-Pah Gorge quadrangle.
<i>Selaginella eremophila</i>	Desert spike moss	None/None/ List B	2.2	Sonoran desert scrub; gravelly, rocky/rhizomatous herb/660–2,960 ft.	Moderate potential to occur. Suitable habitat present. Not observed during 2008–2010 surveys. One CNDDDB record within the In-Ko-	Moderate potential to occur based on suitable habitat. Not observed during surveys. No CNDDDB records within Mount Laguna,	Moderate potential to occur based on suitable habitat. Not observed during surveys. No CNDDDB records within the In-Ko-

East County Substation/Tule Wind/Energia Sierra Juarez Gen-Tie Projects
APPENDIX 1 – SPECIAL-STATUS SPECIES DETECTED OR POTENTIALLY OCCURRING ON THE PROJECT SITE

Table 1-1 (Continued)

Scientific Name	Common Name	Status (Federal/ State/ Other)	CNPS List	Primary Habitat Associations/ Life Form/Blooming Period/ Elevation Range	Status On Site or Potential to Occur on ECO Substation Project Site	Status On Site or Potential to Occur on Tule Project Site	Status On Site or Potential to Occur on ESJ Gen-Tie Project Site
					Pah Gorge quadrangle.	Sombrero Peak, Live Oak Springs, or Jacumba quadrangles.	Pah Gorge quadrangle.
<i>Senecio aphanactis</i>	Chaparral ragwort	None/None/ List B	2.2	Chaparral, cismontane woodland, coastal scrub; sometimes alkaline/annual herb/Jan–April/50–2,630 ft.	Moderate potential to occur. Suitable habitat present. Not observed during 2008–2010 surveys. One CNDDDB record within the Jacumba quadrangle.	Moderate potential to occur. Suitable habitat present. Not observed during surveys. One CNDDDB record within the Jacumba quadrangle.	Low potential to occur based on lack of suitable habitat. No CNDDDB records within the In-Ko-Pah Gorge quadrangle.
<i>Senna covesii</i>	Cove's cassia	None/None/ List B	2.2	Sonoran desert scrub/perennial herb/Mar–June/978–3,432 ft.	Moderate potential to occur. Marginal habitat present. Not observed during the 2008–2010 surveys. No CNDDDB records no within the In-Ko-Pah Gorge, Jacumba, Live Oak Springs, or Tierra del Sol quadrangles.	Moderate potential to occur based on suitable habitat. Not observed during surveys. No CNDDDB records within Mount Laguna, Sombrero Peak, Live Oak Springs, or Jacumba quadrangles.	Moderate potential to occur based on suitable habitat. No CNDDDB records within the In-Ko-Pah Gorge quadrangle.
<i>Streptanthus campestris</i>	Southern jewel-flower	None/None/ List A	1B.3	Chaparral, lower montane coniferous forest, pinyon and	Moderate potential to occur. Suitable	Observed during 2010 surveys.	Moderate potential to occur

East County Substation/Tule Wind/Energia Sierra Juarez Gen-Tie Projects
APPENDIX 1 – SPECIAL-STATUS SPECIES DETECTED OR POTENTIALLY OCCURRING ON THE PROJECT SITE

Table 1-1 (Continued)

Scientific Name	Common Name	Status (Federal/ State/ Other)	CNPS List	Primary Habitat Associations/ Life Form/Blooming Period/ Elevation Range	Status On Site or Potential to Occur on ECO Substation Project Site	Status On Site or Potential to Occur on Tule Project Site	Status On Site or Potential to Occur on ESJ Gen-Tie Project Site
				juniper woodland; rocky/perennial herb/May–July/2,950–7,550 ft.	habitat present. Not observed during 2008–2010 surveys. One CNDDDB record within the Live Oak Springs quadrangle.	Three CNDDDB records within the Live Oak Springs and Mount Laguna quadrangles.	based on suitable habitat. No CNDDDB records within the In-Ko-Pah Gorge quadrangle.
<i>Symphotrichum defoliatum</i>	San Bernardino aster	None/None/None	1B.2	Cismontane woodland, coastal scrub, lower montane coniferous forest, dry open grasslands and meadows near springs/rhizomatous herb/July–Nov/< 6,530 ft.	Not expected to occur. Marginal habitat present. Not observed during the 2008–2010 surveys. No CNDDDB records within the In-Ko-Pah Gorge, Jacumba, Live Oak Springs, or Tierra del Sol quadrangles.	Not expected to occur. Marginal habitat present. No CNDDDB records within Jacumba, Live Oak Springs, Mount Laguna, and Sombrero Peak quadrangles.	Not expected to occur. No habitat present. Not observed during surveys. No CNDDDB records within the In-Ko-Pah Gorge quadrangle.
<i>Tetracoccus dioicus</i>	Parry's tetracoccus	None/None/List A	1B.2	Chaparral, coastal scrub/deciduous shrub/April–May/540–3,280 ft.	Low potential to occur. Suitable habitat present, but would have been observed during surveys. Not observed during 2008–2010	Low potential to occur. Suitable habitat present, but would have been observed during surveys. Not observed during surveys.	Low potential to occur. Some suitable habitat present, but would have been observed during surveys. No CNDDDB records

East County Substation/Tule Wind/Energia Sierra Juarez Gen-Tie Projects
APPENDIX 1 – SPECIAL-STATUS SPECIES DETECTED OR POTENTIALLY OCCURRING ON THE PROJECT SITE

Table 1-1 (Continued)

Scientific Name	Common Name	Status (Federal/ State/ Other)	CNPS List	Primary Habitat Associations/ Life Form/Blooming Period/ Elevation Range	Status On Site or Potential to Occur on ECO Substation Project Site	Status On Site or Potential to Occur on Tule Project Site	Status On Site or Potential to Occur on ESJ Gen-Tie Project Site
					surveys. One CNDDDB record within the Jacumba quadrangle.	One CNDDDB record within the Jacumba quadrangle.	within the In-Ko-Pah Gorge quadrangle.

Notes:

Federal Designations:

FE Federally listed as Endangered
 FT Federally listed as Threatened

State Designations:

SE State listed as Endangered
 ST State listed as Threatened
 SR State listed as Rare

Other:

BLM Bureau of Land Management Sensitive
 List A-D County of San Diego

East County Substation/Tule Wind/Energia Sierra Juarez Gen-Tie Projects
APPENDIX 1 – SPECIAL-STATUS SPECIES DETECTED OR POTENTIALLY OCCURRING ON THE PROJECT SITE

Table 1-2
Special-Status Wildlife Species Detected or Potentially Occurring in Project Area

Scientific Name	Common Name	Status (Federal/ State/ Other) ¹	Primary Habitat Associations	Status On Site or Potential to Occur on ECO Substation Project Site	Status On Site or Potential to Occur on Tule Project Site	Status On Site or Potential to Occur on ESJ Gen-Tie Project Site
<i>Invertebrates</i>						
<i>Euphydryas editha quino</i>	Quino checkerspot butterfly	FE/None/Group 1	Sparsely vegetated hilltops, ridgelines, occasionally rocky outcrops; host plant <i>Plantago erecta</i> and/or other nectar plants or habitat features must be present.	Observed near proposed SP 75 during 2009–2010 protocol-level surveys. Portions of the 500/230/138 kV transmission line corridor is within USFWS critical habitat. Several populations are known from CNDDDB records within the project corridor.	One individual was observed on site during 2010 surveys. One CNDDDB record within the Jacumba quadrangle.	Moderate potential to occur based on suitable habitat. Not observed during 2008 and 2009 focused surveys. No CNDDDB records in In-Ko-Pah Gorge quadrangle.
<i>Pseudocopaeodes eunus</i>	Alkali skipper	None/None/ Group 1	Grassy spots on alkali flats; needs desert salt grass (<i>Distichlis spicata</i> var. <i>stricta</i>) as host plant.	Not expected to occur based on lack of suitable habitat and soils. Not observed during 2008 surveys. No CNDDDB records within the In-Ko-Pah Gorge, Jacumba, Live Oak Springs, and Tierra del Sol quadrangles.	Low potential to occur based on marginal habitat. Not observed during surveys. No CNDDDB records within Jacumba, Live Oak Springs, Mount Laguna, and Sombrero Peak quadrangles.	Not expected to occur due to lack of suitable habitat. Not observed during surveys. No CNDDDB records within the In-Ko-Pah Gorge quadrangle.

¹ The federal and state status of species is based on the CDFG Special Animals List (2009).

East County Substation/Tule Wind/Energia Sierra Juarez Gen-Tie Projects
APPENDIX 1 – SPECIAL-STATUS SPECIES DETECTED OR POTENTIALLY OCCURRING ON THE PROJECT SITE

Table 1-2 (Continued)

Scientific Name	Common Name	Status (Federal/ State/ Other) ¹	Primary Habitat Associations	Status On Site or Potential to Occur on ECO Substation Project Site	Status On Site or Potential to Occur on Tule Project Site	Status On Site or Potential to Occur on ESJ Gen-Tie Project Site
<i>Amphibians and Reptiles</i>						
<i>Anaxyrus californicus</i> (formerly <i>Bufo californicus</i>)	Arroyo toad	FE/CSC/None	Stream channels for breeding; adjacent stream terraces and uplands for foraging and wintering.	Low potential to occur. Marginal habitat and conditions present (Tetra Tech EC 2008b). Not observed during 2008 surveys; species was observed approximately 10 miles west of the project area.	Low potential to occur. Marginal habitat and conditions present (Tetra Tech EC 2008b). Not observed during surveys. No CNDDDB records within Jacumba, Live Oak Springs, Mount Laguna, and Sombrero Peak quadrangles.	Not expected to occur due to lack of suitable habitat. Not observed during surveys. No CNDDDB records within the In-Ko-Pah Gorge quadrangle.
<i>Aspidoscelis hyperythra</i>	Orange-throated whiptail	None/CSC/ Group 2	Coastal sage scrub, chaparral, grassland, juniper and oak woodland.	Observed during surveys of the project components. Observed throughout the project area in 2008.	High potential to occur based on suitable habitat. Not observed during surveys. No CNDDDB records within Jacumba, Live Oak Springs, Mount Laguna, and Sombrero Peak quadrangles.	High potential to occur based on suitable habitat. Not observed during surveys. No CNDDDB records in In-Ko-Pah Gorge quadrangle.
<i>Aspidoscelis tigris stejnegeri</i>	Coastal western whiptail	None/None/ Group 2	Shrub or grassland habitats in open, often rocky areas.	High potential to occur based on suitable habitat. Not observed during 2008 surveys. No CNDDDB	High potential to occur based on suitable habitat and found 1 mile outside of site (HDR 2010a).	High potential to occur based on suitable habitat. Not observed during surveys. No CNDDDB records in In-

East County Substation/Tule Wind/Energia Sierra Juarez Gen-Tie Projects
APPENDIX 1 – SPECIAL-STATUS SPECIES DETECTED OR POTENTIALLY OCCURRING ON THE PROJECT SITE

Table 1-2 (Continued)

Scientific Name	Common Name	Status (Federal/ State/ Other) ¹	Primary Habitat Associations	Status On Site or Potential to Occur on ECO Substation Project Site	Status On Site or Potential to Occur on Tule Project Site	Status On Site or Potential to Occur on ESJ Gen-Tie Project Site
				records within the In-Ko-Pah Gorge, Jacumba, Live Oak Springs, and Tierra del Sol quadrangles.	Not observed during surveys. One CNDDDB records within Live Oak Springs quadrangle.	Ko-Pah Gorge quadrangle.
<i>Coleonyx switaki</i>	Barefoot banded gecko	None/ST/Group 2	Rock cracks and crevices found in massive rocks and rock outcrops at head of canyons; elevation range < 2,200 ft. (Nafis 2010).	Low potential to occur, although the project, at 2,800–2,900 ft., is outside of known elevation range. Not observed during 2008 surveys. No CNDDDB records within the In-Ko-Pah Gorge, Jacumba, Live Oak Springs, and Tierra del Sol quadrangles.	Low potential to occur, although the project, at 3,600–6,400 ft., is outside of known elevation range. Not observed during surveys. No CNDDDB records within Jacumba, Live Oak Springs, Mount Laguna, and Sombrero Peak quadrangles.	Low potential to occur, although the project lacks suitable massive rocks and rock outcrop habitat and, at 3,300–3,400 ft., is outside of known elevation range. There are some rocky areas within the project area and rocky areas are located just east of the project. Not observed during surveys. No CNDDDB records within the In-Ko-Pah Gorge quadrangle.
<i>Crotalus ruber ruber</i>	Northern red-diamond rattlesnake	None/CSC/Group 2	Variety of shrub habitats where there is heavy brush, large rocks, or boulders.	High potential to occur. Suitable habitat present. Not observed during 2008 surveys. No CNDDDB records within the In-Ko-Pah Gorge, Jacumba, Live Oak	Observed during in spring 2010. No CNDDDB records within Jacumba, Live Oak Springs, Mount Laguna, and Sombrero Peak quadrangles.	High potential to occur based on suitable habitat. Not observed during surveys. No CNDDDB records within the In-Ko-Pah Gorge quadrangle.

East County Substation/Tule Wind/Energia Sierra Juarez Gen-Tie Projects
APPENDIX 1 – SPECIAL-STATUS SPECIES DETECTED OR POTENTIALLY OCCURRING ON THE PROJECT SITE

Table 1-2 (Continued)

Scientific Name	Common Name	Status (Federal/ State/ Other) ¹	Primary Habitat Associations	Status On Site or Potential to Occur on ECO Substation Project Site	Status On Site or Potential to Occur on Tule Project Site	Status On Site or Potential to Occur on ESJ Gen-Tie Project Site
				Springs, and Tierra del Sol quadrangles.		
<i>Eumeces skiltonianus interparietalis</i>	Coronado skink	None/CSC/BLM, Group 2	Grassland, woodland, and forests near sunny areas, clearings, or edges from sea level to 8,300 ft.	Low potential to occur due to lack of suitable habitat. Not observed during 2008 surveys. No CNDDDB records within the In-Ko-Pah Gorge, Jacumba, Live Oak Springs, and Tierra del Sol quadrangles.	Low potential to occur. Marginal habitat present. Not observed during surveys. No CNDDDB records within Jacumba, Live Oak Springs, Mount Laguna, and Sombrero Peak quadrangles.	Not expected to occur due to lack of suitable habitat. Not observed during surveys. No CNDDDB records within the In-Ko-Pah Gorge quadrangle.
<i>Lichanura trivirgata</i>	Rosy boa	FS/None/Group 2	Rocky chaparral, coastal sage scrub, oak woodlands, desert and semi-desert scrub.	Moderate potential to occur. Suitable habitat present. Not observed during 2008 surveys. One CNDDDB record within the Live Oak Springs quadrangle.	Observed on site. One CNDDDB record within Live Oak Springs quadrangle.	Moderate potential to occur. Not observed during surveys. No CNDDDB records within the In-Ko-Pah Gorge quadrangle.
<i>Phrynosoma blainvillii</i>	Blainville's horned lizard	FS/CSC/Group 2	Coastal sage scrub, annual grassland, chaparral, oak and riparian woodland, coniferous forest.	High potential to occur. Suitable habitat present. Not observed during 2008 surveys. Several CNDDDB records within the Jacumba, Live Oak Springs, and Tierra del Sol quadrangles.	Observed on site during 2008–2009 surveys. Several CNDDDB records within the Jacumba, Live Oak Springs, and Mount Laguna quadrangles.	High potential to occur. Not observed during surveys. No CNDDDB records within the In-Ko-Pah Gorge quadrangle.

East County Substation/Tule Wind/Energia Sierra Juarez Gen-Tie Projects
APPENDIX 1 – SPECIAL-STATUS SPECIES DETECTED OR POTENTIALLY OCCURRING ON THE PROJECT SITE

Table 1-2 (Continued)

Scientific Name	Common Name	Status (Federal/ State/ Other) ¹	Primary Habitat Associations	Status On Site or Potential to Occur on ECO Substation Project Site	Status On Site or Potential to Occur on Tule Project Site	Status On Site or Potential to Occur on ESJ Gen-Tie Project Site
<i>Phrynosoma mcallii</i>	Flat-tailed horned lizard	FS/CSC/BLM, Group 1	Fine sand and sparse vegetation in desert washes and desert flats. It is probably most abundant in areas of creosote bush and is found in desert scrub, wash, succulent shrub, and alkali scrub habitats. This species has very limited distribution; it is found in SE California, SW Arizona, and portions of Sonora and Baja California, Mexico.	Not expected to occur. Marginal habitat present, but outside of species' known range (Zeiner, et al. 1988). Not observed during 2008 surveys. No CNDDDB records within the In-Ko-Pah Gorge, Jacumba, Live Oak Springs, and Tierra del Sol quadrangles.	Not expected to occur due to lack of suitable habitat and outside of species' known range (Zeiner et al. 1988). Not observed during surveys. No CNDDDB records within Jacumba, Live Oak Springs, Mount Laguna, and Sombrero Peak quadrangles.	Not expected to occur due to lack of suitable habitat and outside of species' known range (Zeiner, et al. 1988). Not observed during surveys. No CNDDDB records within the In-Ko-Pah Gorge quadrangle.
<i>Salvadora hexalepis virgultea</i>	Coast patch-nosed snake	None/CSC/ Group 2	Chaparral, washes, sandy flats, rocky areas. Elevation range <7,000 ft. (Zeiner, et al. 1988).	Moderate potential to occur. Marginal habitat present. Not observed during 2008 surveys. No CNDDDB records within the In-Ko-Pah Gorge, Jacumba, Live Oak Springs, and Tierra del Sol quadrangles.	Observed on site in spring 2010. No CNDDDB records within Jacumba, Live Oak Springs, Mount Laguna, and Sombrero Peak quadrangles.	Moderate potential to occur. Not observed during surveys. No CNDDDB records within the In-Ko-Pah Gorge quadrangle.
<i>Sauromalus ater</i>	Common chuckwalla	None/None/ Group 2	Rocky deserts and outcrops in southern California at elevations from sea level to 4,500 ft.	High potential to occur. Suitable habitat present. Not observed during 2008 surveys. No CNDDDB records within the In-Ko-Pah Gorge,	Observed on site. No CNDDDB records within Jacumba, Live Oak Springs, Mount Laguna, and Sombrero Peak quadrangles.	High potential to occur. Suitable habitat present. Not observed during surveys. No CNDDDB records within the In-Ko-Pah Gorge quadrangle.

East County Substation/Tule Wind/Energia Sierra Juarez Gen-Tie Projects
APPENDIX 1 – SPECIAL-STATUS SPECIES DETECTED OR POTENTIALLY OCCURRING ON THE PROJECT SITE

Table 1-2 (Continued)

Scientific Name	Common Name	Status (Federal/ State/ Other) ¹	Primary Habitat Associations	Status On Site or Potential to Occur on ECO Substation Project Site	Status On Site or Potential to Occur on Tule Project Site	Status On Site or Potential to Occur on ESJ Gen-Tie Project Site
				Jacumba, Live Oak Springs, and Tierra del Sol quadrangles.		
<i>Spea hammondi</i>	Western spadefoot toad	None/CSC/BLM, Group 2	Prefers open areas with sandy or gravelly soils in a variety of habitats including mixed woodlands, grasslands, chaparral, sandy washes, lowlands, river floodplains, alluvial fans, playas, alkali flats, foothills, and mountains.	Not expected to occur. Marginal habitat present. Not observed during 2008 surveys. No CNDDDB records within the In-Ko-Pah Gorge, Jacumba, Live Oak Springs, and Tierra del Sol quadrangles.	Tadpoles observed on site in a man-made ephemeral pond in spring 2010. No CNDDDB records within Jacumba, Live Oak Springs, Mount Laguna, and Sombrero Peak quadrangles.	No expected to occur. Marginal habitat present. Not observed during surveys. No CNDDDB records within the In-Ko-Pah Gorge quadrangle.
<i>Thamnophis hammondi</i>	Two-striped garter snake	FS/CSC/BLM, Group 1	Streams, creeks, pools, streams with rocky beds, ponds, lakes, vernal pools. Elevation range < 8,000 ft. (Zeiner, et al. 1988).	Low potential to occur. Marginal habitat present. Not observed during 2008 surveys. No CNDDDB records within the In-Ko-Pah Gorge, Jacumba, Live Oak Springs, and Tierra del Sol quadrangles.	Low potential to occur. Marginal habitat present. Not observed during surveys. No CNDDDB records within Jacumba, Live Oak Springs, Mount Laguna, and Sombrero Peak quadrangles.	Not expected to occur due to lack of suitable habitat. Not observed during surveys. No CNDDDB records within the In-Ko-Pah Gorge quadrangle.
<i>Uma notata notata</i>	Colorado Desert fringe-toed lizard	None/CSC/BLM, Group 1	Fine, loose, wind-blown sand dunes, dry lakebeds, sandy beaches or riverbanks, desert washes, and sparse desert scrub. Elevation range < 1,600 ft. and is found in Imperial County and	Not expected to occur. Outside of known elevation and range for this species. Not observed during 2008	Not expected to occur. Outside of known elevation and range for this species. Not observed during	Not expected to occur. Outside of known elevation and range for this species. Not observed during surveys. No CNDDDB

East County Substation/Tule Wind/Energia Sierra Juarez Gen-Tie Projects
APPENDIX 1 – SPECIAL-STATUS SPECIES DETECTED OR POTENTIALLY OCCURRING ON THE PROJECT SITE

Table 1-2 (Continued)

Scientific Name	Common Name	Status (Federal/ State/ Other) ¹	Primary Habitat Associations	Status On Site or Potential to Occur on ECO Substation Project Site	Status On Site or Potential to Occur on Tule Project Site	Status On Site or Potential to Occur on ESJ Gen-Tie Project Site
			northeast San Diego County (Nafis 2010).	surveys. No CNDDDB records within the In-Ko-Pah Gorge, Jacumba, Live Oak Springs, and Tierra del Sol quadrangles.	surveys. No CNDDDB records within Jacumba, Live Oak Springs, Mount Laguna, and Sombrero Peak quadrangles.	records within the In-Ko-Pah Gorge quadrangle.
Birds						
<i>Accipiter cooperii</i> (nesting)	Cooper's hawk	None/WL/ Group 1	Riparian and oak woodlands, montane canyons.	Observed. Suitable habitat present for nesting and foraging. A pair was observed during 2008 surveys. One CNDDDB record within the Jacumba quadrangle.	Observed nesting on site (Tetra Tech EC, Inc. 2009). Suitable habitat present for nesting and foraging. One CNDDDB record within the Jacumba quadrangle.	High potential to forage on site; not expected to nest. Not observed during surveys. No CNDDDB records within the In-Ko-Pah Gorge quadrangle.
<i>Agelaius tricolor</i> (nesting colony)	Tricolored blackbird	BCC/CSC/BLM, Group 1	Nests near fresh water, emergent wetland with cattails or tules; forages in grasslands, woodland, agriculture.	Moderate potential to occur. Suitable foraging habitat present but suitable nesting habitat is not likely to be present. Not observed during 2008 surveys. One CNDDDB record within the Jacumba quadrangle.	Moderate potential to occur. Suitable foraging habitat present but suitable nesting habitat is not likely to be present. Not observed during surveys. One CNDDDB record within the Jacumba quadrangle.	Not expected to occur due to lack of suitable habitat. Not observed during surveys. No CNDDDB records within the In-Ko-Pah Gorge quadrangle.
<i>Aimophila ruficeps canescens</i>	Southern California rufous-crowned sparrow	None/WL/ Group 1	Grass-covered hillsides, coastal sage scrub, chaparral with boulders and outcrops.	Moderate potential to occur. Some potential habitat present and	Observed on site. Some potential habitat present, and	Moderate potential to occur. Some potential habitat present and

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APPENDIX 1 – SPECIAL-STATUS SPECIES DETECTED OR POTENTIALLY OCCURRING ON THE PROJECT SITE

Table 1-2 (Continued)

Scientific Name	Common Name	Status (Federal/ State/ Other) ¹	Primary Habitat Associations	Status On Site or Potential to Occur on ECO Substation Project Site	Status On Site or Potential to Occur on Tule Project Site	Status On Site or Potential to Occur on ESJ Gen-Tie Project Site
				confirmed, and probable breeding locations within area (Unitt 2004). Not observed during 2008 surveys. No CNDDDB records within the In-Ko-Pah Gorge, Jacumba, Live Oak Springs, and Tierra del Sol quadrangles.	known breeding locations within area (Unitt 2004). No CNDDDB records within Jacumba, Live Oak Springs, Mount Laguna, and Sombrero Peak quadrangles.	known breeding locations within area (Unitt 2004). Not observed during surveys. No CNDDDB records within the In-Ko-Pah Gorge quadrangle.
<i>Amphispiza belli belli</i>	Bell's sage sparrow	BCC/WL/Group 1	Coastal sage scrub and dry chaparral along coastal lowlands and inland valleys.	Moderate potential to occur on site based on known occurrences nearby (Unitt 2004). Suitable foraging habitat present. Not observed during 2008 surveys. No CNDDDB records within the In-Ko-Pah Gorge, Jacumba, Live Oak Springs, and Tierra del Sol quadrangles.	High potential to occur based on confirmed breeding locations within area (Unitt 2004). Not observed during surveys. No CNDDDB records within Jacumba, Live Oak Springs, Mount Laguna, and Sombrero Peak quadrangles.	Moderate potential to occur on site based on known occurrences nearby (Unitt 2004). Not observed during surveys. No CNDDDB records within the In-Ko-Pah Gorge quadrangle.
<i>Aquila chrysaetos</i> (nesting and wintering)	Golden eagle	BCC/WL, P/BLM, Group 1	Open country, especially hilly and mountainous; grassland, coastal sage scrub, chaparral, oak savannas, open coniferous forest.	High potential for foraging. There is no suitable nesting habitat in the immediate project	Observed during helicopter surveys to be nesting within the project vicinity (WRI 2010). Observed	High potential for foraging. There is no suitable nesting habitat in the immediate project area; however,

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APPENDIX 1 – SPECIAL-STATUS SPECIES DETECTED OR POTENTIALLY OCCURRING ON THE PROJECT SITE

Table 1-2 (Continued)

Scientific Name	Common Name	Status (Federal/ State/ Other) ¹	Primary Habitat Associations	Status On Site or Potential to Occur on ECO Substation Project Site	Status On Site or Potential to Occur on Tule Project Site	Status On Site or Potential to Occur on ESJ Gen-Tie Project Site
				area; however, eagle territories are located within the project vicinity and although inactive in 2010, the territories were active within the past 2–3 years (WRI 2010). Not observed during 2008 surveys. No CNDDDB records within the In-Ko-Pah Gorge, Jacumba, Live Oak Springs, and Tierra del Sol quadrangles.	three times between fall 2007 and spring 2008 surveys (Tetra Tech EC, Inc. 2009). No CNDDDB records within Jacumba, Live Oak Springs, Mount Laguna, and Sombrero Peak quadrangles.	eagle territories are located within the project vicinity and although inactive in 2010, the territories were active within the past 2–3 years (WRI 2010). Not observed during surveys. No CNDDDB records within the In-Ko-Pah Gorge quadrangle.
<i>Asio otus</i> (nesting)	Long-eared owl	None/CSC/ Group 1	Riparian, live oak thickets, other dense stands of trees, edges of coniferous forest.	Moderate potential to occur. A small amount of potential habitat present. Not observed during 2008 surveys. No CNDDDB records within the In-Ko-Pah Gorge, Jacumba, Live Oak Springs, and Tierra del Sol quadrangles. This species may occur in the winter (Unitt 2004).	Observed once in winter 2007 (Tetra Tech EC, Inc. 2009). An occupied nest was observed outside the project corridor (HDR 2010a). No CNDDDB records within Jacumba, Live Oak Springs, Mount Laguna, and Sombrero Peak quadrangles. This species may occur in the winter (Unitt 2004).	Low potential to occur. Not observed during surveys. No CNDDDB records within the In-Ko-Pah Gorge quadrangle. This species may occur in the winter (Unitt 2004).

East County Substation/Tule Wind/Energia Sierra Juarez Gen-Tie Projects
APPENDIX 1 – SPECIAL-STATUS SPECIES DETECTED OR POTENTIALLY OCCURRING ON THE PROJECT SITE

Table 1-2 (Continued)

Scientific Name	Common Name	Status (Federal/ State/ Other) ¹	Primary Habitat Associations	Status On Site or Potential to Occur on ECO Substation Project Site	Status On Site or Potential to Occur on Tule Project Site	Status On Site or Potential to Occur on ESJ Gen-Tie Project Site
<i>Athene cunicularia</i>	Burrowing owl	BCC/CSC/BLM, Group 1	Grassland, lowland scrub, agriculture, coastal dunes and other artificial open areas.	Observed during focused burrowing owl survey in 2010 (Insignia Environmental 2010). There are no CNDDDB records within the In-Ko-Pah Gorge, Jacumba, Live Oak Springs, and Tierra del Sol quadrangles.	High potential to occur based on recent observations of this species in the ECO project area. No CNDDDB records within Jacumba, Live Oak Springs, Mount Laguna, and Sombrero Peak quadrangles.	High potential to occur based on recent observations of this species in the ECO project area. Not observed during surveys. No CNDDDB records within the In-Ko-Pah Gorge quadrangle.
<i>Cathartes aura meridionalis</i>	Turkey vulture	None/None/ Group 1	Forage over a variety of open habitats. Nest in crevices or caves on rocky slopes and cliffs (Unitt 2004). May nest in large trees.	Observed. Not expected to nest on site due to lack of suitable nesting habitat.	Observed frequently over project area. There are potential suitable nesting areas in the In-Ko-Pah Mountains.	High potential to forage over site. Not expected to nest on site due to lack of suitable nesting habitat.
<i>Chaetura vauxi</i>	Vaux's swift	None/CSC/None	Nests in tall, large hollow trees and snags in the northwestern U.S.	Moderate potential to occur during migration. Not observed during 2008 surveys. No CNDDDB records within the In-Ko-Pah Gorge, Jacumba, Live Oak Springs, and Tierra del Sol quadrangles.	Observed in fall 2007 (Tetra Tech EC, Inc. 2009) and spring 2008 (HDR 2010a). No CNDDDB records within Jacumba, Live Oak Springs, Mount Laguna, and Sombrero Peak quadrangles.	Moderate potential to occur during migration. Not observed during surveys. No CNDDDB records within the In-Ko-Pah Gorge quadrangle.
<i>Circus cyaneus</i> (nesting)	Northern harrier	None/CSC/ Group 1	Open wetlands (nesting), pasture, old fields, dry uplands, grasslands, rangelands, coastal sage scrub.	High potential to forage on site. Some suitable habitat	Observed in fall 2007 and winter and spring 2008 (Tetra Tech EC,	High potential for foraging. Not expected to nest due to lack of

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APPENDIX 1 – SPECIAL-STATUS SPECIES DETECTED OR POTENTIALLY OCCURRING ON THE PROJECT SITE

Table 1-2 (Continued)

Scientific Name	Common Name	Status (Federal/ State/ Other) ¹	Primary Habitat Associations	Status On Site or Potential to Occur on ECO Substation Project Site	Status On Site or Potential to Occur on Tule Project Site	Status On Site or Potential to Occur on ESJ Gen-Tie Project Site
				present. Potential breeding locations within area (Unitt 2004). Not observed during 2008 surveys. No CNDDDB records within the In-Ko-Pah Gorge, Jacumba, Live Oak Springs, and Tierra del Sol quadrangles.	Inc. 2009). No CNDDDB records within Jacumba, Live Oak Springs, Mount Laguna, and Sombrero Peak quadrangles.	suitable habitat. Not observed during surveys. No CNDDDB records within the In-Ko-Pah Gorge quadrangle.
<i>Contopus cooperi</i>	Olive-sided flycatcher	BCC/CSC/ Group 2	Variety of forest and woodland habitats; preferred nesting habitats include mixed conifer, montane hardwood-conifer, Douglas-fir, redwood, red fir, and lodgepole pine.	Low potential to occur based on lack of suitable habitat. Not observed during 2008 surveys. No CNDDDB records within the In-Ko-Pah Gorge, Jacumba, Live Oak Springs, and Tierra del Sol quadrangles.	Observed on site in fall 2007 and spring 2008 (HDR 2010a) and summer 2008 (Tetra Tech EC, Inc. 2009). No CNDDDB records within Jacumba, Live Oak Springs, Mount Laguna, and Sombrero Peak quadrangles.	Low potential to occur. Not observed during surveys. No CNDDDB records within the In-Ko-Pah Gorge quadrangle.
<i>Dendroica petechia brewsteri</i> (nesting)	Yellow warbler	None/CSC/ Group 2	Nests in lowland and foothill riparian woodlands dominated by cottonwoods, alders and willows; winters in a variety of habitats.	Moderate potential to occur. Some potential habitat present. Not observed during 2008 surveys. No CNDDDB records within the In-Ko-Pah Gorge,	Observed during surveys in the project corridor in fall 2007 and spring 2008 (HDR 2010a) and once in summer 2008 (Tetra Tech EC, Inc.	Not expected to occur due to lack of suitable habitat. Not observed during surveys. No CNDDDB records within the In-Ko-Pah Gorge quadrangle.

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APPENDIX 1 – SPECIAL-STATUS SPECIES DETECTED OR POTENTIALLY OCCURRING ON THE PROJECT SITE

Table 1-2 (Continued)

Scientific Name	Common Name	Status (Federal/ State/ Other) ¹	Primary Habitat Associations	Status On Site or Potential to Occur on ECO Substation Project Site	Status On Site or Potential to Occur on Tule Project Site	Status On Site or Potential to Occur on ESJ Gen-Tie Project Site
				Jacumba, Live Oak Springs, and Tierra del Sol quadrangles.	2009). This project area supports presumed migrants only (Unitt 2004). No CNDDDB records within Jacumba, Live Oak Springs, Mount Laguna, and Sombrero Peak quadrangles.	
<i>Elanus leucurus</i> (nesting)	White-tailed kite	None/P/Group 1	Open grasslands, savanna-like habitats, agriculture, wetlands, oak woodlands, riparian.	Low potential to occur. Limited habitat present. Not observed during 2008 surveys. No CNDDDB records within the In-Ko-Pah Gorge, Jacumba, Live Oak Springs, and Tierra del Sol quadrangles.	Low potential to occur based on lack of suitable habitat. Not observed during surveys. No CNDDDB records within Jacumba, Live Oak Springs, Mount Laguna, and Sombrero Peak quadrangles.	Low potential to occur based on lack of suitable habitat. Not observed during surveys. No CNDDDB records within the In-Ko-Pah Gorge quadrangle.
<i>Empidonax traillii</i> <i>extimus</i> (nesting)	Southwestern willow flycatcher	FE/SE/Group 1	Riparian woodlands along streams and rivers with mature, dense stands of willows or alders; may nest in thickets dominated by tamarisk.	Low potential to occur. Limited habitat present and there are no breeding records in the area (Unitt 2004). Not observed during 2008 surveys. No CNDDDB records within the In-Ko-Pah	Low potential to occur based on lack of suitable habitat. A willow flycatcher was observed in fall 2007 and spring 2008 moving through Thing Valley west of the project area (Tetra	Not expected to occur due to lack of suitable habitat and there are no breeding records in the area (Unitt 2004). Not observed during surveys. No CNDDDB records within the In-Ko-Pah Gorge

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APPENDIX 1 – SPECIAL-STATUS SPECIES DETECTED OR POTENTIALLY OCCURRING ON THE PROJECT SITE

Table 1-2 (Continued)

Scientific Name	Common Name	Status (Federal/ State/ Other) ¹	Primary Habitat Associations	Status On Site or Potential to Occur on ECO Substation Project Site	Status On Site or Potential to Occur on Tule Project Site	Status On Site or Potential to Occur on ESJ Gen-Tie Project Site
				Gorge, Jacumba, Live Oak Springs, and Tierra del Sol quadrangles.	Tech EC, Inc. 2009). No CNDDDB records within Jacumba, Live Oak Springs, Mount Laguna, and Sombrero Peak quadrangles.	quadrangle.
<i>Eremophila alpestris actia</i>	California horned lark	None/WL/ Group 2	Open habitats, grassland, rangeland, shortgrass prairie, montane meadows, coastal plains, fallow grain fields.	Observed throughout the project area in 2008. No CNDDDB records within the In-Ko-Pah Gorge, Jacumba, Live Oak Springs, and Tierra del Sol quadrangles.	Observed during spring 2008 (Tetra Tech EC, Inc. 2009). No CNDDDB records within Jacumba, Live Oak Springs, Mount Laguna, and Sombrero Peak quadrangles.	Observed during 2008 and 2009 surveys west of the ESJ 230 kV transmission route alternative. No CNDDDB records within the In-Ko-Pah Gorge quadrangle.
<i>Falco mexicanus</i>	Prairie falcon	BCC/WL/Group 1	Grassland, savannas, rangeland, agriculture, desert scrub, alpine meadows; nest on cliffs or bluffs.	Moderate potential to occur for foraging. Suitable nesting locations do not seem to be present but are likely within the vicinity. Not observed during 2008 surveys. One CNDDDB record within the project area for nesting; the location is not reported (SDG&E 2009).	Observed once in spring 2008 (Tetra Tech EC, Inc. 2009). There are potential suitable nesting areas in the In-Ko-Pah Mountains. No CNDDDB records within Jacumba, Live Oak Springs, Mount Laguna, and Sombrero Peak quadrangles.	Moderate potential to forage on site; not expected to nest due to lack of habitat. Not observed during surveys. No CNDDDB records in In-Ko-Pah Gorge quadrangle.

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APPENDIX 1 – SPECIAL-STATUS SPECIES DETECTED OR POTENTIALLY OCCURRING ON THE PROJECT SITE

Table 1-2 (Continued)

Scientific Name	Common Name	Status (Federal/ State/ Other) ¹	Primary Habitat Associations	Status On Site or Potential to Occur on ECO Substation Project Site	Status On Site or Potential to Occur on Tule Project Site	Status On Site or Potential to Occur on ESJ Gen-Tie Project Site
<i>Falco peregrinus anatum</i>	American peregrine falcon	FD, FS, BCC/SE, P/Group 1	Open country, especially along rivers, lakes, and coasts; also nests in cities.	Not expected to occur based on lack of suitable habitat, and this species is not known within the area (Unitt 2004). No CNDDDB records within the In-Ko-Pah Gorge, Jacumba, Live Oak Springs, and Tierra del Sol quadrangles.	Not expected to occur based on lack of suitable habitat, and this species is not known within the area (Unitt 2004). No CNDDDB records within Jacumba, Live Oak Springs, Mount Laguna, and Sombrero Peak quadrangles.	Low potential for foraging. Not expected to nest due to lack of suitable habitat and this species is not known within the area (Unitt 2004). Not observed during surveys. No CNDDDB records within the In-Ko-Pah Gorge quadrangle.
<i>Icteria virens</i> (nesting)	Yellow-breasted chat	None/CSC/ Group 1	Dense, relatively wide riparian woodlands and thickets of willows, vine tangles, and dense brush.	Low potential to occur. Probable breeding locations within the area; however, there is limited suitable nesting habitat present. Not observed during 2008 surveys. No CNDDDB records within the In-Ko-Pah Gorge, Jacumba, Live Oak Springs, and Tierra del Sol quadrangles.	Low potential to occur based on lack of suitable habitat. Not observed during surveys. No CNDDDB records within Jacumba, Live Oak Springs, Mount Laguna, and Sombrero Peak quadrangles.	Low potential to occur. Probable breeding locations within the area; however, there is limited suitable nesting habitat present. Not observed during surveys. No CNDDDB records within the In-Ko-Pah Gorge quadrangle.
<i>Lanius ludovicianus</i>	Loggerhead shrike	BCC/CSC/ Group 1	Open ground including grassland, coastal sage scrub, broken chaparral, agriculture, riparian,	High potential to occur. Suitable habitat present and	Observed in fall 2007 (Tetra Tech EC, Inc. 2009). Suitable	High potential to occur. Suitable habitat present and breeding

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APPENDIX 1 – SPECIAL-STATUS SPECIES DETECTED OR POTENTIALLY OCCURRING ON THE PROJECT SITE

Table 1-2 (Continued)

Scientific Name	Common Name	Status (Federal/ State/ Other) ¹	Primary Habitat Associations	Status On Site or Potential to Occur on ECO Substation Project Site	Status On Site or Potential to Occur on Tule Project Site	Status On Site or Potential to Occur on ESJ Gen-Tie Project Site
			open woodland.	breeding confirmed in area (Unitt 2004). Not observed during 2008 surveys. No CNDDDB records within the In-Ko-Pah Gorge, Jacumba, Live Oak Springs, and Tierra del Sol quadrangles.	habitat present and breeding confirmed in area (Unitt 2004). No CNDDDB records within Jacumba, Live Oak Springs, Mount Laguna, and Sombrero Peak quadrangles.	confirmed in area (Unitt 2004). Not observed during surveys. No CNDDDB records within the In-Ko-Pah Gorge quadrangle.
<i>Parabuteo unicinctus</i>	Harris' hawk	None/WL/None	River woods, mesquite, brush, and cactus deserts.	Low to occur based on lack of suitable habitat. A pair nested in McCain Valley, but has not been observed since 2002 (Unitt 2004). No CNDDDB records within the In-Ko-Pah Gorge, Jacumba, Live Oak Springs, and Tierra del Sol quadrangles.	Low potential to occur based on lack of suitable habitat. A pair nested in McCain Valley, but has not been observed since 2002 (Unitt 2004). No CNDDDB records within Jacumba, Live Oak Springs, Mount Laguna, and Sombrero Peak quadrangles.	Low potential to occur based on lack of suitable habitat. A pair nested in McCain Valley, but has not been observed since 2002 (Unitt 2004). Not observed during surveys. No CNDDDB records within the In-Ko-Pah Gorge quadrangle.
<i>Piranga rubra</i>	Summer tanager	None/CSC/ Group 2	Desert riparian habitat dominated by cottonwood and willow.	Not expected to occur based on lack of suitable habitat, and this species is not known within the area (Unitt 2004). No CNDDDB records within the In-Ko-Pah	Not expected to occur based on lack of suitable habitat, and this species is not known within the area (Unitt 2004). No CNDDDB records within Jacumba, Live	Not expected to occur due to lack of suitable habitat, and this species is not known within the area (Unitt 2004). Not observed during surveys. No CNDDDB records within

East County Substation/Tule Wind/Energia Sierra Juarez Gen-Tie Projects
APPENDIX 1 – SPECIAL-STATUS SPECIES DETECTED OR POTENTIALLY OCCURRING ON THE PROJECT SITE

Table 1-2 (Continued)

Scientific Name	Common Name	Status (Federal/ State/ Other) ¹	Primary Habitat Associations	Status On Site or Potential to Occur on ECO Substation Project Site	Status On Site or Potential to Occur on Tule Project Site	Status On Site or Potential to Occur on ESJ Gen-Tie Project Site
				Gorge, Jacumba, Live Oak Springs, and Tierra del Sol quadrangles.	Oak Springs, Mount Laguna, and Sombrero Peak quadrangles.	the In-Ko-Pah Gorge quadrangle.
<i>Progne subis</i>	Purple martin	None/CSC/ Group 1	Forests and woodlands at lower to intermediate elevations; nests near wetlands or other large bodies of water. Require an abundance of nesting cavities, open air space, and aerial insect prey.	Not expected to occur based on lack of suitable habitat. Not observed during 2008 surveys. No CNDDDB records within the In-Ko-Pah Gorge, Jacumba, Live Oak Springs, and Tierra del Sol quadrangles.	Not expected to occur based on lack of suitable habitat. No CNDDDB records within Jacumba, Live Oak Springs, Mount Laguna, and Sombrero Peak quadrangles.	Not expected to occur due to lack of suitable habitat. Not observed during surveys. No CNDDDB records within the In-Ko-Pah Gorge quadrangle.
<i>Pyrocephalus rubinus flammeus</i>	Vermilion flycatcher	None/CSC/ Group 1	Riparian woodland and thickets in desert habitats, especially near open, mesic habitats.	Low potential to occur based on lack of suitable habitat. Not observed during 2008 surveys. No CNDDDB records within the In-Ko-Pah Gorge, Jacumba, Live Oak Springs, and Tierra del Sol quadrangles.	Low potential to occur based on lack of suitable habitat. No CNDDDB records within Jacumba, Live Oak Springs, Mount Laguna, and Sombrero Peak quadrangles.	Low potential to occur due to lack of suitable habitat. Not observed during surveys. No CNDDDB records within the In-Ko-Pah Gorge quadrangle.
<i>Toxostoma crissale</i>	Crissal thrasher	BCC/CSC/ Group 1	Dense thickets of shrubs or low trees in desert riparian and desert wash habitats. In San Diego County, it occurs only in the northeast (Unitt 2004; Zeiner, et al. 1990a).	Not expected to occur because it is outside of the known range of this species. No CNDDDB records within the In-Ko-Pah	Not expected to occur because it is outside of the known range of this species. No CNDDDB records within Jacumba, Live	Not expected to occur because it is outside of the known range of this species. No CNDDDB records within the In-Ko-Pah Gorge

East County Substation/Tule Wind/Energia Sierra Juarez Gen-Tie Projects
APPENDIX 1 – SPECIAL-STATUS SPECIES DETECTED OR POTENTIALLY OCCURRING ON THE PROJECT SITE

Table 1-2 (Continued)

Scientific Name	Common Name	Status (Federal/ State/ Other) ¹	Primary Habitat Associations	Status On Site or Potential to Occur on ECO Substation Project Site	Status On Site or Potential to Occur on Tule Project Site	Status On Site or Potential to Occur on ESJ Gen-Tie Project Site
				Gorge, Jacumba, Live Oak Springs, and Tierra del Sol quadrangles.	Oak Springs, Mount Laguna, and Sombrero Peak quadrangles.	quadrangle.
<i>Toxostoma lecontei</i>	Le Conte's thrasher	BCC/CSC/BLM, Group 2	Open desert wash, creosote scrub, alkali desert scrub, desert succulent scrub.	Low potential to occur. Suitable habitat is not present, but outside of known range of species (Unitt 2004). Not observed during 2008 surveys. No CNDDDB records within the In-Ko-Pah Gorge, Jacumba, Live Oak Springs, and Tierra del Sol quadrangles.	Low potential to occur. Limited habitat present and outside of known range of species (Unitt 2004). No CNDDDB records within Jacumba, Live Oak Springs, Mount Laguna, and Sombrero Peak quadrangles.	Low potential to occur. Limited habitat present and outside of known range of species (Unitt 2004). Not observed during surveys. No CNDDDB records in In-Ko-Pah Gorge quadrangle.
<i>Vireo bellii pusillus</i> (nesting)	Least Bell's vireo	FE, BCC/SE/ Group 1	Nests in southern willow scrub with dense cover within 1–2 meters (3–7 ft.) of the ground; habitat includes willows, cottonwoods, baccharis, wild blackberry, or mesquite on desert areas.	Low potential to occur. Limited habitat present and no breeding records of this species in the project area (Unitt 2004). Not observed during 2008 surveys. No CNDDDB records within the In-Ko-Pah Gorge, Jacumba, Live Oak Springs, and Tierra del Sol quadrangles.	Low potential to occur. Limited habitat present; confirmed and probably breeding records in northern part of project area (Unitt 2004). Not observed during surveys. Two CNDDDB records within the Mount Laguna quadrangle.	Not expected to nest due to lack of suitable habitat and no breeding records of this species in the project area (Unitt 2004). Not observed during surveys. No CNDDDB records within the In-Ko-Pah Gorge quadrangle.

East County Substation/Tule Wind/Energia Sierra Juarez Gen-Tie Projects
APPENDIX 1 – SPECIAL-STATUS SPECIES DETECTED OR POTENTIALLY OCCURRING ON THE PROJECT SITE

Table 1-2 (Continued)

Scientific Name	Common Name	Status (Federal/ State/ Other) ¹	Primary Habitat Associations	Status On Site or Potential to Occur on ECO Substation Project Site	Status On Site or Potential to Occur on Tule Project Site	Status On Site or Potential to Occur on ESJ Gen-Tie Project Site
Vireo vicinior	Gray vireo	BCC/CSC/BLM, Group 1	Summer resident in arid pinyon-juniper, juniper, and chamise-redshank chaparral habitats.	Moderate potential to occur. Suitable habitat present and possible breeding records in eastern portion of project area (Unitt 2004). Not observed during 2008 surveys. No CNDDDB records within the In-Ko-Pah Gorge, Jacumba, Live Oak Springs, and Tierra del Sol quadrangles.	Moderate potential to occur. Suitable habitat present and possible breeding records in portions of project area (Unitt 2004). No CNDDDB records within Jacumba, Live Oak Springs, Mount Laguna, and Sombrero Peak quadrangles.	Moderate potential to occur. Suitable habitat present and possible breeding records in eastern portion of project area (Unitt 2004). Not observed during surveys. No CNDDDB records within the In-Ko-Pah Gorge quadrangle.
Mammals						
<i>Antrozous pallidus</i>	Pallid bat	FS/CSC/BLM, WBWG, Group 2	Roosts in rocky outcrops, cliffs, and crevices with access to open habitats for foraging.	Moderate potential to forage over the project area. No roosting habitat present; however, potential roosting habitat is available nearby. Not observed during 2008 surveys. No CNDDDB records within the In-Ko-Pah Gorge, Jacumba, Live Oak Springs, and Tierra del Sol quadrangles.	Moderate potential to forage over the project area. Some roosting areas may be available in the In-Ko-Pah Mountains. No CNDDDB records within Jacumba, Live Oak Springs, Mount Laguna, and Sombrero Peak quadrangles.	Moderate potential to forage. No roosting habitat present however, potential roosting habitat is available nearby. Not observed during surveys. No CNDDDB records in In-Ko-Pah Gorge quadrangle.

East County Substation/Tule Wind/Energia Sierra Juarez Gen-Tie Projects
APPENDIX 1 – SPECIAL-STATUS SPECIES DETECTED OR POTENTIALLY OCCURRING ON THE PROJECT SITE

Table 1-2 (Continued)

Scientific Name	Common Name	Status (Federal/ State/ Other) ¹	Primary Habitat Associations	Status On Site or Potential to Occur on ECO Substation Project Site	Status On Site or Potential to Occur on Tule Project Site	Status On Site or Potential to Occur on ESJ Gen-Tie Project Site
<i>Bassariscus astutus</i>	Ringtail	None/P/Group 2	Mixed forests and shrublands near rocky areas or riparian habitats.	Low potential to occur. Marginal habitat present. Not observed during 2008 surveys. No CNDDDB records within the In-Ko-Pah Gorge, Jacumba, Live Oak Springs, and Tierra del Sol quadrangles.	Low potential to occur. Marginal habitat present. No CNDDDB records within Jacumba, Live Oak Springs, Mount Laguna, and Sombrero Peak quadrangles.	Low potential to occur. Not observed during surveys. No CNDDDB records within the In-Ko-Pah Gorge quadrangle.
<i>Chaetodipus californicus femoralis</i>	Dulzura (California) pocket mouse	None/CSC/ Group 2	Coastal sage scrub, chaparral, riparian-scrub ecotone; more mesic areas.	Moderate potential to occur. Marginal habitat present. Not observed during 2008 surveys. One CNDDDB record within the Live Oak Springs quadrangle.	Moderate potential to occur. Marginal habitat present. Not observed during 2008 surveys. Three CNDDDB records within the Live Oak Springs, Mount Laguna, and Sombrero Peak quadrangles.	Moderate potential to occur. Not observed during surveys. No CNDDDB records within the In-Ko-Pah Gorge quadrangle.
<i>Chaetodipus fallax pallidus</i>	Pallid San Diego pocket mouse	None/CSC/ Group 2	Coastal scrub, chamise-redshank chaparral, mixed chaparral, sagebrush, desert wash, desert scrub, desert succulent shrub, pinyon-juniper, and annual grassland.	Moderate potential to occur. Suitable habitat present. Not observed during 2008 surveys. Two CNDDDB records within the In-Ko-Pah Gorge quadrangle.	Moderate potential to occur. Suitable habitat present. No CNDDDB records within Jacumba, Live Oak Springs, Mount Laguna, and Sombrero Peak quadrangles.	Moderate potential to occur. Not observed during surveys. One CNDDDB record within the In-Ko-Pah Gorge quadrangle.

East County Substation/Tule Wind/Energia Sierra Juarez Gen-Tie Projects
APPENDIX 1 – SPECIAL-STATUS SPECIES DETECTED OR POTENTIALLY OCCURRING ON THE PROJECT SITE

Table 1-2 (Continued)

Scientific Name	Common Name	Status (Federal/ State/ Other) ¹	Primary Habitat Associations	Status On Site or Potential to Occur on ECO Substation Project Site	Status On Site or Potential to Occur on Tule Project Site	Status On Site or Potential to Occur on ESJ Gen-Tie Project Site
<i>Coryorhinus townsendii</i>	Townsend's big-eared bat	FS/CSC/BLM, WBWG, Group 2	Mesic habitats, gleans from brush or trees or feeds along habitat edges.	Low potential to forage. Marginal foraging habitat present, but no roosting habitat present. Not observed during 2008 surveys. No CNDDDB records within the In-Ko-Pah Gorge, Jacumba, Live Oak Springs, and Tierra del Sol quadrangles.	Low potential to forage. Marginal foraging habitat present, but no roosting habitat present. Not observed during surveys. One CNDDDB record within Mount Laguna quadrangle.	Low potential to forage. Marginal foraging habitat present, but no roosting habitat present. Not observed during surveys. No CNDDDB records within the In-Ko-Pah Gorge quadrangle.
<i>Euderma maculatum</i>	Spotted bat	None/CSC/BLM, WBWG, Group 2	Roosts in rock crevices; forages in riparian forest, woodland, and scrub, ponds, lakes, and grasslands.	Low potential to occur. Marginal foraging habitat present, but no roosting habitat present. Not observed during 2008 surveys. No CNDDDB records within the In-Ko-Pah Gorge, Jacumba, Live Oak Springs, and Tierra del Sol quadrangles.	Low potential to occur. Marginal foraging habitat present, but no roosting habitat present. Not observed during surveys. No CNDDDB records within Jacumba, Live Oak Springs, Mount Laguna, and Sombrero Peak quadrangles.	Low potential to forage. Marginal foraging habitat present, but no roosting habitat present. Not observed during surveys. No CNDDDB records within the In-Ko-Pah Gorge quadrangle.
<i>Eumops perotis californicus</i>	Greater bonneted bat	None/CSC/BLM, WBWG, Group 2	Roosts in small colonies in cracks and small holes, seeming to prefer man-made structures.	Low potential to occur. May forage within the area, but	Low potential to occur. Marginal foraging habitat	Low potential to occur. May forage within the area, but no roosting

East County Substation/Tule Wind/Energia Sierra Juarez Gen-Tie Projects
APPENDIX 1 – SPECIAL-STATUS SPECIES DETECTED OR POTENTIALLY OCCURRING ON THE PROJECT SITE

Table 1-2 (Continued)

Scientific Name	Common Name	Status (Federal/ State/ Other) ¹	Primary Habitat Associations	Status On Site or Potential to Occur on ECO Substation Project Site	Status On Site or Potential to Occur on Tule Project Site	Status On Site or Potential to Occur on ESJ Gen-Tie Project Site
				no roosting habitat present. Not observed during 2008 surveys. No CNDDDB records within the In-Ko-Pah Gorge, Jacumba, Live Oak Springs, and Tierra del Sol quadrangles.	present, but no roosting habitat present. Not observed during surveys. No CNDDDB records within Jacumba, Live Oak Springs, Mount Laguna, and Sombrero Peak quadrangles.	habitat present. Not observed during surveys. No CNDDDB records within the In-Ko-Pah Gorge quadrangle.
<i>Felis concolor</i>	Mountain lion	None/None/ Group 2	Variety of habitats where mule deer are found.	Known to occur in McCain Valley. Wide-ranging species that likely uses entire region.	Observed in 2010. Wide-ranging species that likely uses entire region.	Known to occur in McCain Valley. Wide-ranging species that likely uses entire region.
<i>Lasiurus blossevillii</i>	Western red bat	FS/CSC/WBWW, Group 2	Forests and woodlands from sea level to mixed conifer woodlands. Not found in desert areas.	Not expected to occur. Not observed during 2008 surveys. No CNDDDB records within the In-Ko-Pah Gorge, Jacumba, Live Oak Springs, and Tierra del Sol quadrangles.	Not expected to occur. Not observed during surveys. No CNDDDB records within Jacumba, Live Oak Springs, Mount Laguna, and Sombrero Peak quadrangles.	Not expected to occur due to lack of suitable habitat. Not observed during surveys. No CNDDDB records within the In-Ko-Pah Gorge quadrangle.
<i>Lepus californicus bennettii</i>	San Diego black-tailed jackrabbit	None/CSC/ Group 2	Arid habitats with open ground; grasslands, coastal sage scrub, agriculture, disturbed areas, rangelands.	Observed throughout the project area in 2008. One CNDDDB record within the Live Oak Springs quadrangle.	Observed on site. One CNDDDB record within the Live Oak Springs quadrangle.	Observed in 2008.

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APPENDIX 1 – SPECIAL-STATUS SPECIES DETECTED OR POTENTIALLY OCCURRING ON THE PROJECT SITE

Table 1-2 (Continued)

Scientific Name	Common Name	Status (Federal/ State/ Other) ¹	Primary Habitat Associations	Status On Site or Potential to Occur on ECO Substation Project Site	Status On Site or Potential to Occur on Tule Project Site	Status On Site or Potential to Occur on ESJ Gen-Tie Project Site
<i>Macrotus californicus</i>	California leaf-nosed bat	FS/CSC/BLM, WBWG, Group 2	Desert riparian, desert wash, desert scrub, desert succulent shrub, alkali desert scrub, and palm oasis; roosts in tunnels and caves; in California they are typically found below 2,000 ft. elevation (Zeiner, et al. 1990b).	Low potential to occur based on elevation range. Not observed during 2008 surveys. No CNDDDB records within the In-Ko-Pah Gorge, Jacumba, Live Oak Springs, and Tierra del Sol quadrangles.	Low potential to occur based on elevation range. No CNDDDB records within Jacumba, Live Oak Springs, Mount Laguna, and Sombrero Peak quadrangles.	Low potential to occur based on elevation range. Not observed during surveys. No CNDDDB records within the In-Ko-Pah Gorge quadrangle.
<i>Myotis ciliolabrum</i>	Western small-footed myotis	None/None/BLM, WBWG, Group 2	Roosts in caves, old mines, abandoned buildings; occurs in a wide variety of habitats, primarily in relatively arid wooded and brushy uplands near water.	Low potential to forage. Marginal foraging habitat present, but no roosting habitat present. Not observed during 2008 surveys. No CNDDDB records within the In-Ko-Pah Gorge, Jacumba, Live Oak Springs, and Tierra del Sol quadrangles.	Low potential to forage. Marginal foraging habitat present, but no roosting habitat present. No CNDDDB records within Jacumba, Live Oak Springs, Mount Laguna, and Sombrero Peak quadrangles.	Low potential to forage, but no roosting habitat present. Not observed during surveys. No CNDDDB records within the In-Ko-Pah Gorge quadrangle.
<i>Myotis evotis</i>	Long-eared myotis	None/None/BLM, WBWG, Group 2	Roosts in buildings, crevices, under bark, and snags. Caves used as night roosts. Feeds along habitat edges, in open habitats and over water. Prefers conifer woodlands and forests; found in nearly all brush, woodland, and	Low potential to forage or roost based on lack of suitable habitat. Not observed during 2008 surveys. No CNDDDB records within the In-Ko-Pah	Low potential to forage or roost based on lack of suitable habitat. No CNDDDB records within Jacumba, Live Oak Springs, Mount	Low potential to forage or roost based on lack of suitable habitat. Not observed during surveys. No CNDDDB records within the In-Ko-Pah Gorge

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APPENDIX 1 – SPECIAL-STATUS SPECIES DETECTED OR POTENTIALLY OCCURRING ON THE PROJECT SITE

Table 1-2 (Continued)

Scientific Name	Common Name	Status (Federal/ State/ Other) ¹	Primary Habitat Associations	Status On Site or Potential to Occur on ECO Substation Project Site	Status On Site or Potential to Occur on Tule Project Site	Status On Site or Potential to Occur on ESJ Gen-Tie Project Site
			forest habitats.	Gorge, Jacumba, Live Oak Springs, and Tierra del Sol quadrangles.	Laguna, and Sombrero Peak quadrangles.	quadrangle.
<i>Myotis thysanodes</i>	Fringed myotis	None/None/BLM, WBWG, Group 2	Occurs in a variety of habitats and is widespread in California, occurring in all but the Central Valley and Colorado and Mojave deserts; roosts in caves, mines, buildings, and crevices.	Low potential to forage on site; on the margin of the known range for the species. Not observed during 2008 surveys. No CNDDDB records within the In-Ko-Pah Gorge, Jacumba, Live Oak Springs, and Tierra del Sol quadrangles.	Low potential to forage on site; on the margin of the known range for the species. No CNDDDB records within Jacumba, Live Oak Springs, Mount Laguna, and Sombrero Peak quadrangles.	Low potential to forage on site; on the margin of the known range for the species. Not observed during surveys. No CNDDDB records within the In-Ko-Pah Gorge quadrangle.
<i>Myotis volans</i>	Long-legged myotis	None/None/WB WG, Group 2	Feeds over open water and over open habitats, using denser woodlands and forests for cover and reproduction; most common in woodland and forest habitats above 4,000 ft. (Zeiner, et al. 1990b).	Low potential to forage or roost based on lack of suitable habitat. Outside of preferred elevation range. Not observed during 2008 surveys. No CNDDDB records within the In-Ko-Pah Gorge, Jacumba, Live Oak Springs, and Tierra del Sol quadrangles.	Low potential to forage or roost based on lack of suitable habitat. Outside of preferred elevation range. No CNDDDB records within Jacumba, Live Oak Springs, Mount Laguna, and Sombrero Peak quadrangles.	Low potential to forage or roost based on lack of suitable habitat. Outside of preferred elevation range. Not observed during surveys. No CNDDDB records within the In-Ko-Pah Gorge quadrangle.

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APPENDIX 1 – SPECIAL-STATUS SPECIES DETECTED OR POTENTIALLY OCCURRING ON THE PROJECT SITE

Table 1-2 (Continued)

Scientific Name	Common Name	Status (Federal/ State/ Other) ¹	Primary Habitat Associations	Status On Site or Potential to Occur on ECO Substation Project Site	Status On Site or Potential to Occur on Tule Project Site	Status On Site or Potential to Occur on ESJ Gen-Tie Project Site
<i>Myotis yumanensis</i>	Yuma myotis	None/None/BLM, Group 2	Closely tied to open water, which is used for foraging; open forests and woodlands are optimal habitat.	Low potential to forage or roost based on lack of suitable habitat. Not observed during 2008 surveys. No CNDDDB records within the In-Ko-Pah Gorge, Jacumba, Live Oak Springs, and Tierra del Sol quadrangles.	Low potential to forage or roost based on lack of suitable habitat. No CNDDDB records within Jacumba, Live Oak Springs, Mount Laguna, and Sombrero Peak quadrangles.	Low potential to forage or roost based on lack of suitable habitat. Not observed during surveys. No CNDDDB records within the In-Ko-Pah Gorge quadrangle.
<i>Neotoma lepida intermedia</i>	San Diego desert woodrat	None/CSC/ Group 2	Coastal sage scrub, chaparral, pinyon-juniper woodland with rock outcrops, cactus thickets, dense undergrowth.	High potential to occur. Suitable habitat present and inactive middens were observed. Not observed during 2008 surveys. One CNDDDB record within the Live Oak Springs quadrangle.	High potential to occur based on suitable habitat. Not observed during surveys. One CNDDDB record within the Live Oak Springs quadrangle.	High potential to occur. Not observed during surveys. No CNDDDB records in In-Ko-Pah Gorge quadrangle.
<i>Nyctinomops femorosaccus</i>	Pocketed free-tailed bat	None/CSC/WBW G, Group 2	Roosts in rocky desert areas with high cliff or rock outcrops; pinyon-juniper woodlands, desert scrub, desert succulent shrub, desert riparian, desert wash, alkali desert scrub, Joshua tree, and palm oasis.	Moderate potential to occur. Suitable foraging habitat present. Not observed during 2008 surveys. No CNDDDB records within the In-Ko-Pah Gorge, Jacumba, Live Oak	Moderate potential to occur. Suitable foraging habitat present. Not observed during surveys. One CNDDDB record within the Live Oak Springs quadrangle.	Moderate potential to occur. Suitable foraging habitat present. Not observed during surveys. No CNDDDB records in In-Ko-Pah Gorge quadrangle.

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APPENDIX 1 – SPECIAL-STATUS SPECIES DETECTED OR POTENTIALLY OCCURRING ON THE PROJECT SITE

Table 1-2 (Continued)

Scientific Name	Common Name	Status (Federal/ State/ Other) ¹	Primary Habitat Associations	Status On Site or Potential to Occur on ECO Substation Project Site	Status On Site or Potential to Occur on Tule Project Site	Status On Site or Potential to Occur on ESJ Gen-Tie Project Site
				Springs, and Tierra del Sol quadrangles.		
<i>Nyctinomops macrotis</i>	Big free-tailed bat	None/CSC/WBW G, Group 2	Prefers rugged rocky canyons, buildings, caves and cavities in trees. In San Diego County, it occurs in the southwest portion (Zeiner, et al. 1990b).	Not expected to occur; outside of known range. Not observed during 2008 surveys. No CNDDDB records within the In-Ko-Pah Gorge, Jacumba, Live Oak Springs, and Tierra del Sol quadrangles.	Not expected to occur; outside of known range. Not observed during surveys. One CNDDDB record within the Live Oak Springs quadrangle.	Not expected to occur; outside of known range. Not observed during surveys. No CNDDDB records within the In-Ko-Pah Gorge quadrangle.
<i>Onychomys torridus ramona</i>	Southern grasshopper mouse	None/CSC/ Group 2	Grassland, sparse coastal sage scrub.	High potential to occur. Suitable habitat present. Not observed during 2008 surveys. Multiple CNDDDB records within the In-Ko-Pah Gorge, Jacumba, Live Oak Springs, and Tierra del Sol quadrangles.	High potential to occur. Suitable habitat present. Not observed during 2008 surveys. Multiple CNDDDB records within the Jacumba, Live Oak Springs, and Sombrero Peak quadrangles.	High potential to occur. Not observed during surveys. One CNDDDB record in In-Ko-Pah Gorge quadrangle.
<i>Ovis canadensis nelsoni</i>	Peninsular bighorn sheep	FE/ST, P/ Group 1	Alpine dwarf-shrub, low sage, sagebrush, bitterbrush, pinyon-juniper, palm oasis, desert riparian, desert succulent shrub, desert scrub, subalpine conifer, perennial grassland, montane chaparral, and montane riparian.	Low potential to occur based on known locations of populations and lack of steep, rocky escape terrain.	Moderate potential to occur due to proximity to Carrizo Canyon and designated critical habitat, but generally lacks of steep, rocky escape terrain.	Low potential to occur based on known locations of populations and lack of steep, rocky escape terrain.

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APPENDIX 1 – SPECIAL-STATUS SPECIES DETECTED OR POTENTIALLY OCCURRING ON THE PROJECT SITE

Table 1-2 (Continued)

Scientific Name	Common Name	Status (Federal/ State/ Other) ¹	Primary Habitat Associations	Status On Site or Potential to Occur on ECO Substation Project Site	Status On Site or Potential to Occur on Tule Project Site	Status On Site or Potential to Occur on ESJ Gen-Tie Project Site
<i>Perognathus longimembris bangsi</i>	Palm Springs little pocket mouse	None/CSC/BLM	Desert riparian, desert scrub, desert wash and sagebrush. Most common in creosote-dominated desert scrub; rarely on rocky sites.	Low potential to occur, outside of known range. Not observed during 2008 surveys. No CNDDDB records within the In-Ko-Pah Gorge, Jacumba, Live Oak Springs, and Tierra del Sol quadrangles.	Low potential to occur, outside of known range. Not observed during surveys. No CNDDDB records within Jacumba, Live Oak Springs, Mount Laguna, and Sombrero Peak quadrangles.	Low potential to occur, outside of known range. Not observed during surveys. No CNDDDB records in In-Ko-Pah Gorge quadrangle.
<i>Perognathus longimembris brevinasus</i>	Los Angeles little pocket mouse	None/CSC/FS, Group 2	Grassland, coastal sage scrub, disturbed habitats; fine, sandy soils.	Low potential to occur based on marginal habitat. Not observed during 2008 surveys. No CNDDDB records within the In-Ko-Pah Gorge, Jacumba, Live Oak Springs, and Tierra del Sol quadrangles.	Low potential to occur based on marginal habitat. Not observed during surveys. No CNDDDB records within Jacumba, Live Oak Springs, Mount Laguna, and Sombrero Peak quadrangles.	Low potential to occur based on marginal habitat. Not observed during surveys. No CNDDDB records in In-Ko-Pah Gorge quadrangle.
<i>Perognathus longimembris internationalis</i>	Jacumba pocket mouse	None/CSC/ Group 2	Desert riparian, desert scrub, desert wash, coastal scrub, and sagebrush.	High potential to occur. Suitable habitat present. Not observed during 2008 surveys. No CNDDDB records within the In-Ko-Pah Gorge, Jacumba, Live Oak Springs, and Tierra	High potential to occur. Suitable habitat present. Not observed during surveys. No CNDDDB records within Jacumba, Live Oak Springs, Mount Laguna, and	High potential to occur. Suitable habitat present. Not observed during surveys. No CNDDDB records in In-Ko-Pah Gorge quadrangle.

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APPENDIX 1 – SPECIAL-STATUS SPECIES DETECTED OR POTENTIALLY OCCURRING ON THE PROJECT SITE

Table 1-2 (Continued)

Scientific Name	Common Name	Status (Federal/ State/ Other) ¹	Primary Habitat Associations	Status On Site or Potential to Occur on ECO Substation Project Site	Status On Site or Potential to Occur on Tule Project Site	Status On Site or Potential to Occur on ESJ Gen-Tie Project Site
				del Sol quadrangles.	Sombrero Peak quadrangles.	
<i>Taxidea taxus</i>	American badger	None/CSC/ Group 2	Dry, open treeless areas, grasslands, coastal sage scrub.	Moderate potential to occur. Suitable habitat present. Not observed during 2008 surveys. No CNDDDB records within the In-Ko-Pah Gorge, Jacumba, Live Oak Springs, and Tierra del Sol quadrangles.	Moderate potential to occur. Suitable habitat present. Not observed during surveys. No CNDDDB records within Jacumba, Live Oak Springs, Mount Laguna, and Sombrero Peak quadrangles.	Moderate potential to occur. Marginal habitat present. Not observed during surveys. No CNDDDB records within the In-Ko-Pah Gorge quadrangle.

Notes:

Federal Designations:

- FE Federally Listed as Endangered
- FT Federally Listed as Threatened
- FS U.S. Forest Service (USFS) Sensitive
- BCC U.S. Fish and Wildlife Service (USFWS) Birds of Conservation Concern

State Designations:

- CSC Species of Special Concern
- P California Department of Fish and Game (CDFG) Protected and Fully Protected Species
- SE State Listed as Endangered
- ST State Listed as Threatened
- WL CDFG Watch List

Other:

- BLM Bureau of Land Management Sensitive
- WBWG Western Bat Working Group Sensitive
- Group 1, 2 County of San Diego Sensitive Animal List

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East County Substation/Tule Wind/Energia Sierra Juarez Gen-Tie Projects
APPENDIX 1 – SPECIAL-STATUS SPECIES DETECTED OR POTENTIALLY OCCURRING ON THE PROJECT SITE

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