

Appendix P Substation Siting Areas Data Tables

		Human Settlement: Residences	Land-Based Economies (Agriculture)				Conservation Easements	
	Total Acres	Residences	Agricultural land	Prime Farmland	Center pivot irrigation systems	Center Pivot irrigation systems	RIM	CREP
Substation Siting Area		Count	Area (ac)	Area (ac)	Crossing count	Area (ac)	Area (ac)	Area (ac)
Garvin Substation Siting Area	153	0	152	153	0	0	0	0
Intermediate Substation Siting Area, Option A (Purple Route)	2,511	15	2,296	2,062	0	0	0	0
Intermediate Substation Siting Area, Option B (Purple Route)	5,108	8	4,865	4,894	0	0	0	0
Intermediate Substation Siting Area, Option C (Regional Segment B2)	3,302	8	3,154	3,184	0	0	27	0
Intermediate Substation Siting Area, Option D (Regional Segment B2)	3,694	5	3,420	3,406	0	0	0	0
Intermediate Substation Siting Area, Option E (Regional Segment B2)	715	1	694	715	0	0	0	0
Intermediate Substation Siting Area, Option F (Blue Route)	1,657	5	1,547	1,557	0	0	0	18
Intermediate Substation Siting Area, Option G (Blue Route)	3,775	5	3,584	3,653	0	0	0	6
Support Substation Siting Area, Option A (Purple Route)	2,511	13	1,587	1,688	0	0	0	0
Support Substation Siting Area, Option B (Blue Route)	10,535	15	10,033	9,709	0	0	0	4

Appendix P Substation Siting Areas Data Tables

	Surface Waters and Wetlands				Vegetation		
	Watercourses	Waterbodies	Wetlands	Forested wetlands	Cultivated crops	Hay/pasture	Forested
Substation Siting Area	Length (ft)	Area (ac)	Area (ac)	Area (ac)	Area (ac)	Area (ac)	Area (ac)
Garvin Substation Siting Area	0	0	2	0	152	0	0
Intermediate Substation Siting Area, Option A (Purple Route)	72,868	0	115	21	2,115	181	11
Intermediate Substation Siting Area, Option B (Purple Route)	20,845	1	112	3	4,865	0	2
Intermediate Substation Siting Area, Option C (Regional Segment B2)	18,932	8	36	1	3,154	0	10
Intermediate Substation Siting Area, Option D (Regional Segment B2)	36,746	4	48	0	3,420	1	3
Intermediate Substation Siting Area, Option E (Regional Segment B2)	7,857	0	0	0	694	0	0
Intermediate Substation Siting Area, Option F (Blue Route)	10,814	1	11	0	1,547	0	6
Intermediate Substation Siting Area, Option G (Blue Route)	53,227	0	11	0	3,584	0	16
Support Substation Siting Area, Option A (Purple Route)	17,764	0	28	0	1,569	18	4
Support Substation Siting Area, Option B (Blue Route)	139,031	4	149	9	10,022	11	88

Appendix P Substation Siting Areas Data Tables

	Wildlife						
	Grassland Bird Conservation Areas	Important Bird Areas	Wildlife Management Areas	State Game Refuges	Waterfowl Production Areas	Shallow Wildlife Lakes	Wildlife Action Network Corridors
Substation Siting Area	Area (ac)	Area (ac)	Area (ac)	Area (ac)	Area (ac)	Count	Area (ac)
Garvin Substation Siting Area	95	0	0	0	0	0	153
Intermediate Substation Siting Area, Option A (Purple Route)	342	0	0	0	0	0	1,475
Intermediate Substation Siting Area, Option B (Purple Route)	100	0	43	0	0	0	0
Intermediate Substation Siting Area, Option C (Regional Segment B2)	0	0	0	0	0	0	0
Intermediate Substation Siting Area, Option D (Regional Segment B2)	68	0	0	0	0	0	0
Intermediate Substation Siting Area, Option E (Regional Segment B2)	13	0	0	0	0	0	< 1
Intermediate Substation Siting Area, Option F (Blue Route)	987	0	0	0	0	0	0
Intermediate Substation Siting Area, Option G (Blue Route)	0	0	0	0	0	0	0
Support Substation Siting Area, Option A (Purple Route)	31	0	0	0	0	0	0
Support Substation Siting Area, Option B (Blue Route)	0	0	0	0	72	0	0

Appendix P Substation Siting Areas Data Tables

	Rare and Unique Natural Resources					
	State Threatened or Endangered Species	Sites of Biodiversity Significance	Native Plant Communities	Railroad Rights-of-way Prairie	Prairie Bank Easements	Lakes of Biological Significance
Substation Siting Area	Count	Area (ac)	Area (ac)	Area (ac)	Area (ac)	Crossing count
Garvin Substation Siting Area	0	0	0	0	0	0
Intermediate Substation Siting Area, Option A (Purple Route)	1	149	37	0	0	0
Intermediate Substation Siting Area, Option B (Purple Route)	0	42	0	0	0	0
Intermediate Substation Siting Area, Option C (Regional Segment B2)	0	0	0	0	0	0
Intermediate Substation Siting Area, Option D (Regional Segment B2)	0	< 1	0	0	0	0
Intermediate Substation Siting Area, Option E (Regional Segment B2)	0	0	0	0	0	0
Intermediate Substation Siting Area, Option F (Blue Route)	0	< 1	0	0	0	0
Intermediate Substation Siting Area, Option G (Blue Route)	0	0	0	0	0	0
Support Substation Siting Area, Option A (Purple Route)	0	0	0	0	0	0
Support Substation Siting Area, Option B (Blue Route)	0	0	0	0	0	0