

## Data in Brief

18% Transmission Medium Utilization	Solar Capacity (MW)	Transmission Distance (mi)	LCOE (\$/MWh)	Peak Load (MW)	Percent of Load Met (%)	Storage Capacity (MWh)
<b>230 kV Power Line</b>	915	100	272-348	337	95	2,180
<b>230 kV Power Line</b>	915	300	312-386	278	95	1,710
<b>230 kV Power Line</b>	915	500	374-447	218	95	1,320
<b>500 kV Power Line</b>	2,115	100	295-380	766	95	5,320
<b>500 kV Power Line</b>	2,115	300	314-397	706	95	4,830
<b>500 kV Power Line</b>	2,115	500	337-418	646	95	4,340
<b>500 kV Power Line</b>	2,115	700	365-445	587	95	3,870
<b>24" Pipeline + FC</b>	430	100	355-438	112	100	110,048
<b>24" Pipeline + FC</b>	430	300	398-482	111	100	107,858
<b>24" Pipeline + FC</b>	510	500	452-538	128	100	126,290
<b>36" Pipeline + FC</b>	1,190	100	321-403	318	100	316,920
<b>36" Pipeline + FC</b>	1,190	300	350-432	316	100	308,555
<b>36" Pipeline + FC</b>	1,410	500	396-480	366	100	356,301
<b>36" Pipeline + FC</b>	1,250	700	424-508	322	100	313,393
<b>24" Pipeline + GT</b>	430	100	309-311	112	100	110,048
<b>24" Pipeline + GT</b>	430	300	352-355	111	100	107,858
<b>24" Pipeline + GT</b>	510	500	405-411	128	100	126,290
<b>36" Pipeline + GT</b>	1,190	100	276-277	318	100	316,920
<b>36" Pipeline + GT</b>	1,190	300	305-306	316	100	308,555
<b>36" Pipeline + GT</b>	1,410	500	351-353	366	100	356,301
<b>36" Pipeline + GT</b>	1,250	700	378-381	322	100	313,393

1200 Peak Demand Scenario	Solar Capacity (MW)	Transmission Distance (mi)	LCOE (\$/MWh)	Peak Load (MW)	Percent of Load Met (%)	Storage Capacity (MWh)
<b>230 kV Power Line</b>	3,280	100	277-356	1,210	95	7,886
<b>230 kV Power Line</b>	4,020	300	312-391	1,210	95	7,907
<b>230 kV Power Line</b>	4,700	500	348-420	1,210	95	7,191
<b>500 kV Power Line</b>	3,340	100	303-390	1,210	95	8,686
<b>500 kV Power Line</b>	3,550	300	320-404	1,210	95	8,392
<b>500 kV Power Line</b>	3,880	500	342-425	1,210	95	8,255
<b>500 kV Power Line</b>	4,390	700	372-455	1,210	95	8,303
<b>230 kV Power Line</b>	3,220	100	15,874-21,818	1,210	100	605,451
<b>230 kV Power Line</b>	3,580	300	15,765-21,655	1,210	100	599,704

<b>230 kV Power Line</b>	4,180	500	15,866-21,777	1,210	100	601,945
<b>500 kV Power Line</b>	3,290	100	15,835-21,761	1,210	100	603,646
<b>500 kV Power Line</b>	3,520	300	15,894-21,834	1,210	100	605,063
<b>500 kV Power Line</b>	3,830	500	15,870-21,792	1,210	100	603,146
<b>500 kV Power Line</b>	4,330	700	15,885-21,802	1,210	100	602,634
<b>24" Pipeline + FC</b>	4,650	100	322-405	1,210	100	1,202,648
<b>24" Pipeline + FC</b>	4,710	300	378-462	1,210	100	1,174,926
<b>24" Pipeline + FC</b>	4,900	500	484-570	1,210	100	1,192,350
<b>36" Pipeline + FC</b>	4,480	100	308-389	1,210	100	1,170,688
<b>36" Pipeline + FC</b>	4,540	300	342-424	1,210	100	1,176,519
<b>36" Pipeline + FC</b>	4,680	500	404-487	1,210	100	1,166,393
<b>36" Pipeline + FC</b>	4,740	700	441-526	1,210	100	1,175,143
<b>24" Pipeline + GT</b>	4,650	100	277-278	1,210	100	1,202,648
<b>24" Pipeline + GT</b>	4,710	300	332-335	1,210	100	1,174,926
<b>24" Pipeline + GT</b>	4,900	500	435-443	1,210	100	1,192,350
<b>36" Pipeline + GT</b>	4,480	100	264-262	1,210	100	1,170,688
<b>36" Pipeline + GT</b>	4,540	300	298-297	1,210	100	1,176,519
<b>36" Pipeline + GT</b>	4,680	500	358-360	1,210	100	1,166,393
<b>36" Pipeline + GT</b>	4,740	700	395-399	1,210	100	1,175,143