

Projected Renewable Energy Resources Needed to Meet Doubled Annual Electric Load in 2040

Historical

| Parameter | Units | On-Shore Wind | Utility Solar | Off-Shore Wind | Total | Comment |
|---------------------------|-------|---------------|---------------|----------------|-------|---------|
| 2018 Gold Book Capacity | MW | 1,739 | 32 | | 1,771 | |
| 2018 Gold Book Generation | GWh | 3,985 | 49 | | 4,034 | |
| Capacity Factor | % | 26% | 17% | | | |

Projected

| Parameter | Units | On-Shore Wind | Utility Solar | Off-Shore Wind | Total | Comment |
|-------------------|-------|---------------|---------------|----------------|-------|------------------------------------|
| Annual Capacity | MW | 1,050 | 1,500 | 1,050 | 3,600 | |
| Annual Generation | GWh | 2,406 | 2,288 | 4,599 | 9,293 | 9,214 GWh annual renewables needed |
| Capacity Factor | % | 26% | 17% | 50% | | |

| | | | | | | |
|----------------|----|--------|--------|--------|--------|--|
| Total Capacity | MW | 21,000 | 30,000 | 21,000 | 72,000 | |
|----------------|----|--------|--------|--------|--------|--|