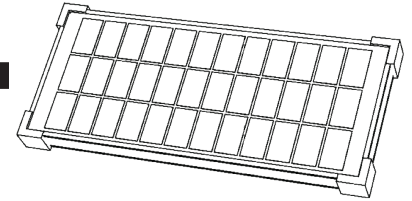


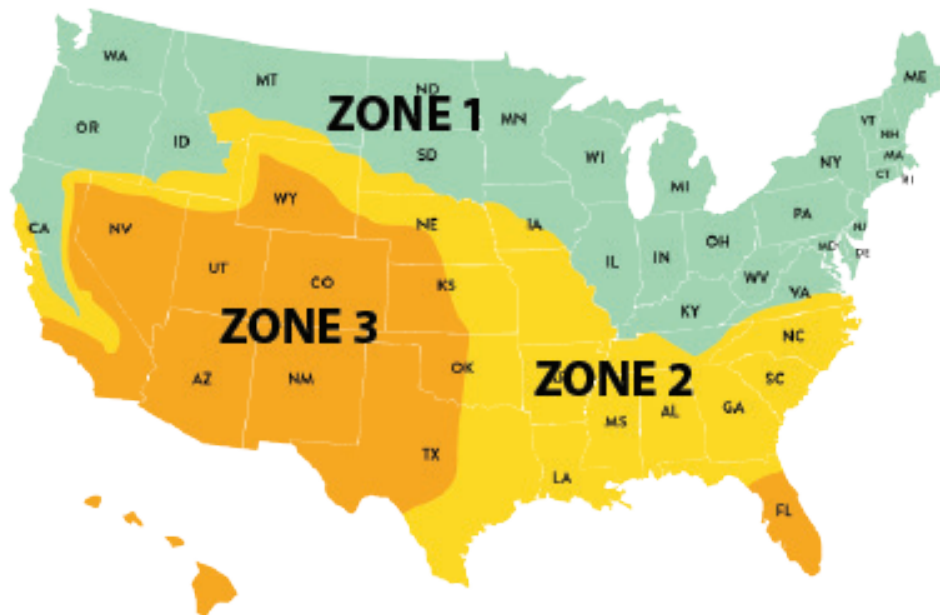
SOLAR PANEL

MAP AND CHART



DETERMINING HOURS OF DIRECT SUNLIGHT

- A. Please check the following for your locations potential solar energy available. <http://energy.gov/maps/solar-energy-potential>
- B. Determine the number of expected winter cycles for a single gate using solar power by reviewing map and chart shown



NUMBER OF 10W PANELS	ZONE 1	ZONE 2	ZONE 3
1=10W SINGLE	8 cycles	16 cycles	24 cycles
1=10W DUAL	4 cycles	8 cycles	12 cycles
2=20W SINGLE	14 cycles	28 cycles	38 cycles
2=20W DUAL	7 cycles	14 cycles	19 cycles
3=30W SINGLE	20 cycles	30 cycles	40 cycles
3=30W DUAL	10 cycles	15 cycles	20 cycles