

Powering San Marin

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San Marin's Needs

- In 2012, San Marin used 772,712 kwh averaging at 64,392 kwh per month.



Solar Power

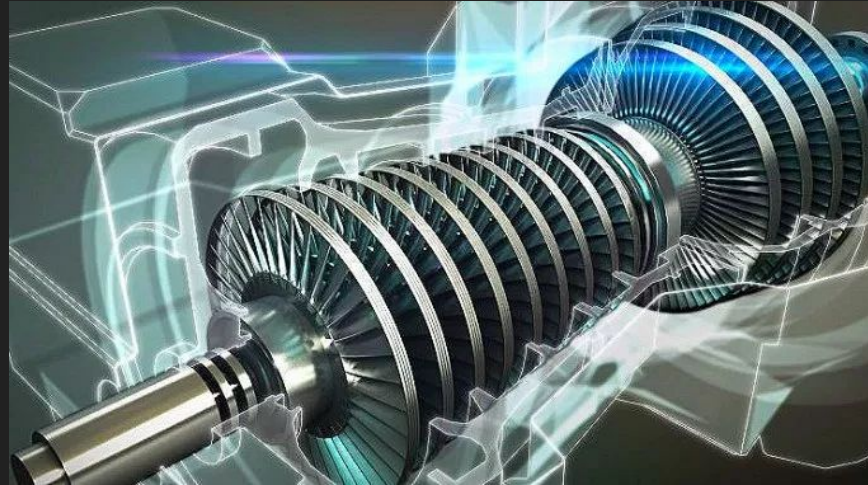
- One 7kw solar panel generates 5,040kwh a month and covers 461 square feet.
- Using 14 7kw solar panels will provide 70,560kwh each month
- Installation will cost roughly \$30,000



Steam turbines

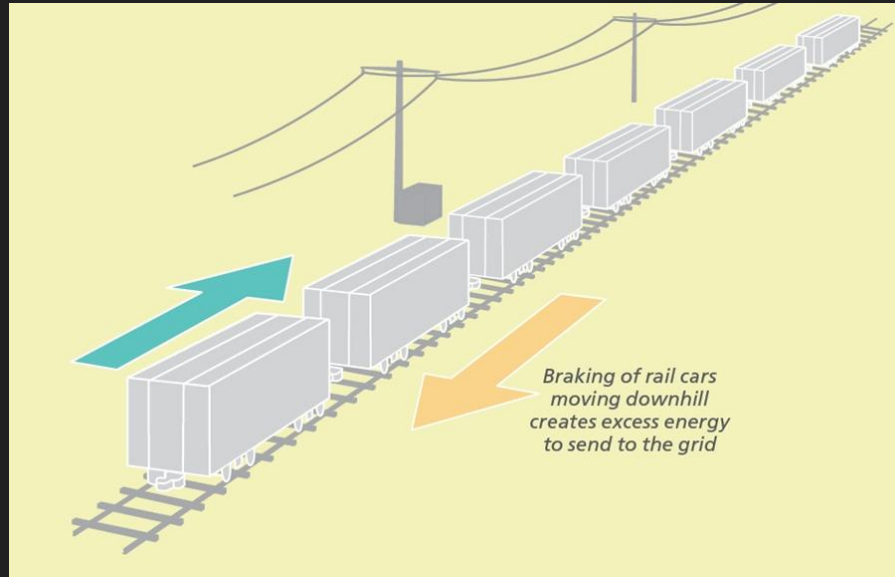
- Generates 500kw-600kw (432,000kwh a month)
- Cost not calculated
- A backup generator will be

stored.



Rail Energy Storage

- Electric trains filled with dirt or rocks travel up a slope.
- When electricity is needed trains travel down slope



Total energy

- Our solar panels and steam engine will generate up to 670,560kwh per month
- Our Rail energy storage will be adjusted as the space to wattage ratio was not listed

Thank You