| Session Information | |
|---|---|
| Saved | 3/2/2022 6:15:06 PM |
| Address | 741 N 3rd St, San Jose, California 95112 |
| Electric utility | PG&E |

| Estimate assumptions | |
|---|---|
| Current annual electric bill | $1596, Time-of-Use (Peak Pricing 4-9 p.m. every day) |
| Installed solar unit price | $3.5 per W-DC |

| Summary | |
|---|---|
| Save on electric bill | |
| First year total savings | $1,430 |
| Incentives available | |
| | $3,003 Solar federal tax credit |
| Reduce carbon | |
| Carbon reduction | 97% Per year |
| Equivalent to either | 14 Trees planted or 0.3 Tons of waste recycled |
| Steps to take | |
| | Install solar |
| | Review your electric rate |
| | Review your key financials |

| Install solar | | | |
|---|---|---|---|
| System size (DC) | 3.300 kW-DC | | |
| System size (AC) | 2.822 kW-AC | | |
| Number of panels | 11 | | |
| System annual electricity production | 4,737 kWh | | |
| Annual energy from solar | 97% | | |
| System configuration: | | | |
| | Array 1 | Array 2 | Array 3 |
| Size | 1.5 kW | 1.5 kW | 0.3 kW |
| Pitch | 2° | 5° | 23° |
| Direction | 234° (Southwest) | 241° (Southwest) | 168° (South) |
| Annual shading | 8% | 2% | 3% |

| Let's review your electric rate | | | |
|---|---|---|---|
| | **Estimated average bill** | **Estimated high bill** | **Estimated low bill** |
| Time-of-Use (Peak Pricing 4-9 p.m. every day) | $13 | $54 | $10 |
| Time-of-Use (Peak Pricing 5-8 p.m. weekdays) E-TOU-D | $16 | $84 | $10 |

| Energy: My electricity sources | | | | |
|---|---|---|---|---|
| | **Electricity use** | **From solar** | **From utility** | **Excess from solar** |
| **Jan** | 536 kWh | 202 kWh | 334 kWh | 0 kWh |
| **Feb** | 458 kWh | 245 kWh | 213 kWh | 0 kWh |
| **Mar** | 413 kWh | 368 kWh | 45 kWh | 0 kWh |
| **Apr** | 393 kWh | 393 kWh | 0 kWh | 78 kWh |
| **May** | 375 kWh | 375 kWh | 0 kWh | 168 kWh |
| **Jun** | 369 kWh | 369 kWh | 0 kWh | 214 kWh |
| **Jul** | 377 kWh | 377 kWh | 0 kWh | 215 kWh |
| **Aug** | 379 kWh | 379 kWh | 0 kWh | 161 kWh |
| **Sep** | 369 kWh | 369 kWh | 0 kWh | 60 kWh |
| **Oct** | 372 kWh | 339 kWh | 33 kWh | 0 kWh |
| **Nov** | 422 kWh | 228 kWh | 194 kWh | 0 kWh |
| **Dec** | 405 kWh | 184 kWh | 221 kWh | 0 kWh |

| Financials | |
|---|---|
| **Upfront cost** | $2,310 |
| **Incentives** | $3,003 |
| **Average monthly expenses** | $75 |
| **Lifetime savings** | $22,108 |
| **Breakeven** | 3 years |
| | |
| **Financial Assumptions** | |
| **Solar financing** | Loan, $11,550, 20 yrs @ 5%, 20% down |

## Important Notice

This tool simplifies the complexity of energy related decisions by making intelligent assumptions, automating the assessment and providing recommendations to get you started. The tool strives for objectivity and reasonable accuracy.

However, there are factors that may alter results, including, specific equipment attributes, complex installation scenarios, unaccounted for building characteristics, credit worthiness, specific tax situations, aesthetic preferences, and potential changes to electric rates and incentives. The charts, graphs and results provided by this tool are for illustrative purposes only and do not constitute a representation as to whether or not you should make any given energy related decision.