***Salt Lake City Solar Powered Communities Project:***

***Solar Installations for Salt Lake City’s Westside Businesses***

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Business Name** | **Est. Savings** | **Solar PV** | **Battery** | **Install Date** |
| M&K Automotive | $156/mo (9 mos) | 10.5 kW | 0 | Feb 2024 |
| NeighborWorks/SL Barber Co | $70-$80/mo (winter)Summer-TBD | 14.4 kW |  | Sept 2024 |
| NeighborWorks/Culture Coffee | ~$150/mo (winter)Summer-TBD | 14.4 kW | 27 kWh | Sept 2024 |
| Rico Brands | $5,000/year (modeled) | 46.6 kW | 0 | Dec 2024 |
| La Diana Market  | $6,000/year (modeled) | 62.86 kW | 80 kWh | Dec 2024 |
| Mamachari Kombucha  | $4,000/year (modeled) | 45.12 kW | 0 | June 2025 |
| **Total** |  | **193.88 kW** | **107 kWh** |  |

Actual reduction in electrical costs is still outstanding information because most of the business’s solar systems have not been operational for very long. Rough estimates are included in the table above, and described here.

M&K Automotive was the first business to complete installation and had a reduction in energy costs from April – December 2024 of $1,407 relative to April – December 2022. Their solar array is offsetting 100% of their electricity costs with the only residual costs being the monthly customer charge, taxes, and the energy balancing account.

Salt Lake Barber Co. and Culture Coffee are co-located in a building owned by NeighborWorks.

For Salt Lake Barber Company, which has 14.4 kW PV installed, their bills this fall were reduced from $100/month average in the winter to $20-$30/month which is residual costs due to monthly customer charges, taxes, and the energy balancing account. Their summertime bills prior to solar were $230/month average and we will have to see next summer how much these bills are reduced.

For Culture Coffee, the picture is still not perfectly clear. They were only fully operational at the coffee shop in March 2024, so we don’t have a historical record of their electricity use. However, last summer they were paying an average of $458/month in the summer. Their recent bills with 14.4 kW PV and battery storage are between $250/month and $365/month but these are winter months. Once they are operational for a full year we will have more comprehensive cost savings information.

Rico Brands installation was completed in December and is modeled to save the business about $5,000 per year and provide about 25% of their onsite electricity needs.

La Diana’s solar plus storage installation is projected to provide about 30% on their onsite electricity needs. The battery will also provide for shaving of peak demand and resilience. La Diana’s modeled savings amount to about $6,000 per year due to this system.

The solar system at Mamachari Kombucha is projected to save the business about $4,000 per year. Because this business is in a new location with some new equipment, the projected percentage of electricity savings is not yet available. It is scheduled to be installed in June 2025.