

Solar Opportunity Evaluation

Basic Data

- Site address
- Primary contact information
- Evergy account number (Meter number(s) for the site in question are even better. This can all be looked up by Evergy, but clearly identifying the accounts/meters associated with the site up front, makes the process more efficient.)

Property Details

- Type of building (office, warehouse, retail, etc.)
- Square footage of building
- Roof type (flat, sloped, metal, etc.)
- Roof age and condition (It's important to know if they have plans for a new roof.)
- Roof specs (If available, it's helpful to have engineering drawings or other specs that indicate the weight bearing capacity of the roof. Solar panels and racking generally represent a load of 3-4 lbs. per square foot. We like to see a load-bearing capacity of 6 lbs. per square foot. Most roofs meet this requirement.)
- How much ground space do they have available? Do they have parking lots where solar canopies might be an option?
- Electrical plans for site (It's helpful to have basic electrical plans or even a "one-line" drawing of the site's electrical system, noting the locations of electric meters and electrical/utility rooms. If plans aren't available, it's still useful to note the relative locations of these items and the proposed location of the array. For example, if there is a parking lot between the desired array location and the electric meter, that will impact design and cost.)

Energy Usage

Evergy has access to the customer's basic account data such as their electric rate and annual usage patterns. This additional information is a useful supplement to that data:

- Customer's business hours and nature of operation (Are they 24/7? Running two or three shifts?)
- Are there any seasonal variations in operation or electric consumption?
- Do they expect any changes to electric consumption in the future? (Are they making energy efficiency upgrades? Are they planning on adding any significant electric loads?)
- Are they on a renewable electric rate with Evergy?

Financial Considerations

- Preferred method of financing (cash purchase, 20-year Evergy solar service agreement (SSA), third party loan)
- Do they have budget allocated?
- Are they eligible to utilize tax incentives? (If they are tax exempt and ineligible, the 20-year SSA structure can provide a means for them to essentially obtain the benefits of the investment tax credit and accelerated depreciation.)
- What is their target payback period?
- What is their primary motivation for wanting solar? (Is it financial? Are they trying to meet a corporate sustainability goal? Do they want a public-display of their commitment to sustainability? Is it a combination of these? The answer can impact the design and sizing of the array.)

Contact:

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