

Note: The information, links and related content are compiled as a reference and are in no way endorsement by the chapter, its officers or the national organization. Please use the information as you see fit and feel free to contact the author for additional clarification. We strongly suggest that information you reference be cross validated with alternative sources.



The End-to-end reliability forum.

Topic: Power Considerations and Alternatives  
Submitted by: James Staufenberg



We completed an evaluation of a 813.57 Kw DC Solar Parking Canopy Array. Here are some considerations when you are faced with a similar objective:

- This equated to approximately 30% utility save for the site when the system would be at 100% output.
- The site that was evaluated was located in Southeastern PA.
- Upon a detailed financial analysis we found the ROI was close to 5 years.
- Had this site been located in NJ the estimated ROI would have been less than three years.

We are aggressively seeking additional grant sources to make this a financially viable project.

Please contact me at [james.k.staufenbergAT@questdiagnostics.com](mailto:james.k.staufenbergAT@questdiagnostics.com) if you have any more detailed questions