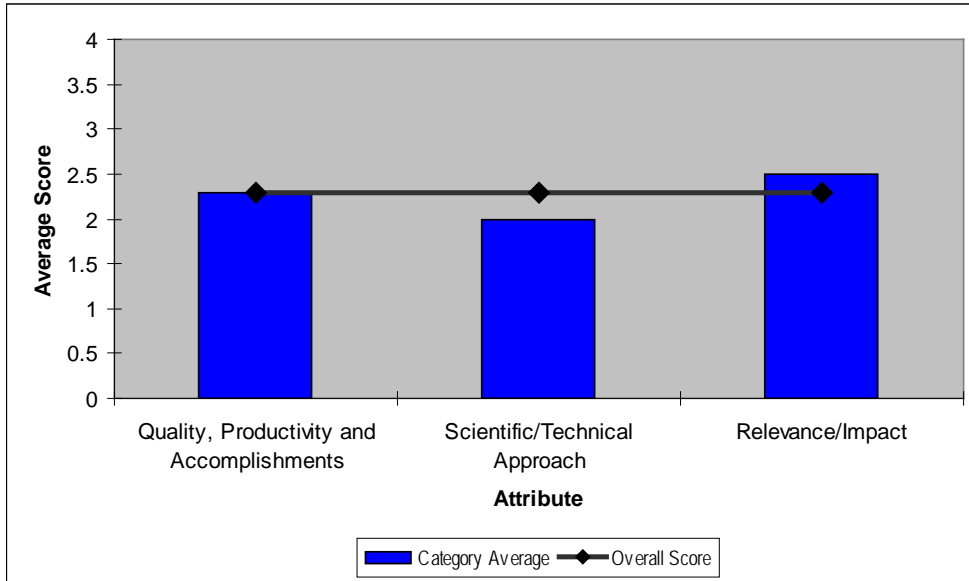


**Solar Consortium of New York Photovoltaic Research and Development Center**  
**Principal Investigator: Vincent Cozzolino, New York Photovoltaic Research and Development Center**



**Quality, Productivity and Accomplishments (Average Rating 2.3)**

**Rating      Comments**

- 2.0      It is not clear what this contract has actually achieved versus what was claimed in the presentation.
  
- 2.0      I see much listed and apparent activity in the spending of funds but am not seeing the results of the efforts. While networking and setting up “shop” is important, I think statements that inferring success in reduction of a PV manufactures cost for a module that appears not to be commercially available may be a stretch. I use this only as an example and perhaps other mentions are wildly successful. There are many connections made and I hope the results going forward are tangible, relevant and achieve the goals of “double the efficiency of photovoltaic systems, to halve the installed cost of solar energy systems, to simplify the installation of solar energy systems, and to develop unique photovoltaic forms for use in urban environments.”
  
- 2.0
  - The Solar Energy Consortium (TSEC) attempts to mobilize resources of New York State to address technical and economic obstacles to widespread use of solar energy in the state.
  - TSEC has mobilized several in-state university and industry partners to work on manufacturing and applications solutions.
  
- 3.0      The team has crafted an ambitious agenda for the region, and is to be applauded for a strong vision on the interplay between the various players. Productivity and accomplishments seem truly exceptional, while quality seems sufficient at this stage of growth.

### **Scientific/Technical Approach (Average Rating 2.0)**

<b>Rating</b>	<b>Comments</b>
2.0	This is an expensive program that does not have any linkages to other MT activities nor do the participants appear to have any strong connections to the PV community. They have been successful in establishing a level of discussion and enthusiasm at the local level in New York State.
1.0	There is a lack of specific task, milestones and path to achieve the desired stated results. While I see a great deal of networking and partners claimed, I would like to see more color on the methodology other than “working together.”
2.0	The project has a minor element on “solar solutions” for a limited set of customer applications but is primarily focused on technology/manufacturing innovation and technology transfer.
3.0	This is another case where the data is more qualitative in nature than quantitative. The intent is to create an active network of interconnected vested bodies who collectively benefit from the economic activity. The desired outcome is sound. The team would benefit from better clarification on the overall approach.

### **Relevance/Impact (Average Rating 2.5)**

<b>Rating</b>	<b>Comments</b>
2.0	The contractor appears to claim credit for many successes but did not articulate their specific role in the projects. It looks like a collection of organizations under a common umbrella but it is difficult to see how they all fit together to achieve a common goal.
3.0	The relevance of the work is well understood but the execution of a detailed plan is what I question.
2.0	This project seems misplaced in the “market transformation” program; it is not clear how many of the activities will help reduce deployment market barriers.
3.0	The transformation of the NY market into a solar friendly market with a strong economic base would greatly benefit the entire North American industry. The players involved in TSEC are significant and have the ability to shape both perception and reality across large bodies of decision makers. The team should consider how they can use their approach as a blueprint for economic development in other states. This would make the impact of their work more applicable to a broader audience.

### **Overall (Average Rating 2.3)**

<b>Rating</b>	<b>Comments</b>
2.0	This is a weak project given the level of funding. It would benefit from the development of clear objectives and measureable milestones.
2.0	Needs a phase-two detailed plan for execution. Otherwise just say you’re great at networking and will hope all collaborate.
2.0	It is not clear how effective this project has been in “transforming” the market for solar energy deployment in New York State, particularly relative to other projects in the DOE market transformation portfolio. Much of the activity relates to R&D and/or attracting manufacturing to the state.

- 3.0 Overall, TSEC brings a technology centric view of the problem to the industry – this itself is a breath of fresh air in an industry that has generally failed to leverage a systems approach. The real opportunity for TSEC is in creating a transferable blueprint for economic development to a broader spectrum of states.