

DOCKETED	
Docket Number:	07-AFC-05C
Project Title:	Ivanpah Solar Electric Generating System (Compliance)
TN #:	261544
Document Title:	Stuart Rosner Comments - REPLACEMENT of IVANPAH at NO COST
Description:	N/A
Filer:	System
Organization:	Stuart Rosner
Submitter Role:	Applicant Representative
Submission Date:	2/4/2025 12:48:01 PM
Docketed Date:	2/4/2025

*Comment Received From: Stuart Rosner
Submitted On: 2/4/2025
Docket Number: 07-AFC-05C*

REPLACEMENT of IVANPAH at NO COST

This is concerning the proposed closing of the three Ivanpah Solar Thermal Plants.

As per the Ivanpah website: (with a "little editing")

ISEGS is a 386 megawatt (MW) project consisting of three individually certified solar concentrating thermal power plants, based on distributed power tower and heliostat mirror technology, in which heliostat (mirror) fields focus solar energy on power tower receivers near the center of each heliostat array.

ISEGS

Power Plant 1 is a nominal 120 MW plant located on approximately 914 acres and consists of 53,500 heliostats;

Power Plant 2 is a nominal 133 MW plant located on approximately 1,097 acres and consists of 60,000 heliostats; and

Power Plant 3 is a nominal 133 MW plant located on approximately 1,227 acres and contains 60,000 heliostats. Each site has a single receiver and heliostat array.

Since the entire project as described above is for nominal 386 MW, we would propose the following:

Replace Power Plant #1 with a PV field with a proposed generation capacity of a minimum of 386 MW and possibly 2 times that which would in effect replace and double the capacity of ALL three power plants.

The "clean up" prior to replacement of the present Power Plants is up for "negotiation".

We would also do all necessary updating and commissioning AT NO COST.â€¢â€¢,

After that, I would suggest installing an alternative solar thermal system to Plant #2 and Plant #3 that would eliminate most of the defects of the present design of Ivanpah.

No High Temperature Central Tower

Lower temperature Solar thermal Collectors that do not need to focus "constantly" on the sun and can work without "constant" Direct Sunlight: therefore, they do not need to move and will operate at 312F with indirect solar & 400F with direct solar.

We believe that there is a possibility of producing at least double the power of the PV plant and PURE DISTILLED water to the Imperial Valley while also providing high saline concentrated water where needed.

Our goal is to use SEAWATER from the Pacific as a source. We would run a pipe from the pacific coast near the highway to the Power plant.

Our power generation will be at lower temperatures and more thermally efficient. We will also not need to cool with water.

We will also be using a a thermal storage system to aid in generating more power and for longer duration.

My goal is to do all of this within 1-2 years with your help and at NO COST to you.

Your thoughts?

Stuart A. Rosner

646-902-5173 Google Voice

646-210-6092 Cell/ WhatsApp

SKYPE: stuart.rosner (Jersey City)