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*Comment Received From: Eduardo Oviedo
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**The ZONARIDA path for geothermal brine integrally exploitation
and the restoration of the Salton Sea**

Additional submitted attachment is included below.

From: [Eduardo Oviedo](#)
To: [Energy - Docket Optical System](#)
Subject: The ZONARIDA path for geothermal brine integrally exploitation and the restoration of the Salton Sea.
Date: Friday, October 28, 2022 7:43:16 PM

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My name is Eduardo Oviedo. I own the mining rights for the exploitation of the geothermal brine in the Cerro Prieto Geothermal power plant in Mexicali, Mexico.

The Geothermal brine for Cerro Prieto geothermal camp is similar to the brine flooring in Salton Sea geothermal power facilities and I want to share the process we design for our project for your consideration.

Our idea is to make an integrally sustainable process and for that we want to exploit all the minerals dissolved in the geothermal brine and the water that is largely appreciated in the California water crisis.

For our approach we first want to build large thermo solar farms to transfer the solar heat to the hot and pressurized brine that is coming from the geothermal wells. With that heat the geothermal power plants will increase the amount and quality of vapor to be used in existing power plants that already have all the infrastructure and the equipment to facilitate the implementation without big investment for them.

Geothermal power plants only need to receive and pay for the solar heat that is generated in the solar farms and sell the water that is condensed before vapor turbines they use to generate electricity.

That way the Agro Voltaic farms generate the heat and receive water needed for agro farming.

The Thermo Solar Forms we design for this proposes, cover the Vitro Greenhouses, Taking advantage of the infrastructure. It means the Solar Farm is the roof of the greenhouses that are made with glass (Vitrogreenhouse)

Inside de Vitrogreenhouses, which is below the Thermo Solar Farm, we design the multilayer farm, first the Agro farm that use the solar irradiation is let for the solar farm, below the agro farm the livestock farm that taking advantage of the shadow for the solar and agro farm, and below al is an aquatic farm that practically do not net light but use the floor.

With this design we use the infrastructure for multiple uses, generating heat and food in the production of high tech food closed facilities.

The solar farm shares the cost of the infrastructure with the food production and the Imperial Valley, securing its future here in Imperial Valle creating thousands of good jobs and a lot of infrastructure for new companies, because each farm is a potential new startup for infinity of new products and increase the Imperial Valle needed economic activity.

The Geothermal plants have an extra heat to transform it into electricity and the brine will be more concentrated in the win, win situation.

In the case of water needs for the stability of the geothermal camp it will be easy to interchange mineral rich geothermal brine for Salton Sea poor value deep brine, and in the case the heat needed for the same proposes the heat exchange is a simple solution. So the total of the geothermal brine is floored will be integrally exploited (Water and value minerals)

The approach will not need extra water and will produce a large amount of distilled water. For each m³/s of geothermal brine will produce 30 million m³ annually of pure water.

In our case for 2m³/s we are thinking in 400 hectares of Multimodal Farms (Agro-Voltaic Farms)

The Multimodal Farms investment is recovered in a short time of operation, it means the construction of the large park will be growing rapidly, transforming the reality of the Imperial Valley in a few years to come.

The solar farms easily accumulate the heat and help to produce vapor for the brine all day long, helping the stability of the existing power plants and in the future will supply the energy needed to compensate for the natural decay of the geothermal camps.

We want to create a multimodal farms park and offer thermal power to the geothermal plants and interchange for concentrated brine to exploit all the minerals and distilled water for the agro farming.

The Thermal power for US\$ 15.00 MWH and take the distilled water for \$0.40/m³ and share the profits for the minerals

And we want to offer Seawater for the Salton Sea restoration Plan.

The seawater for US\$ 100,000/cubic hectometer (1,000,000 m³)

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Director General

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