



Renewable Energy Tours In The Eilat Region

Information and booking:

1-800-225-007

tourism@eilateilat.org

Facility Title	Description
Aora Sun Tower Click to Aora official website	This beautiful floral structure is a working thermo-solar facility. It generated electricity by concentrating the sun's heat. This is world's smallest system of its kind thereby it is suitable from off-grid remote areas.
Off Grid Village Click for more information	The off grid village is a technology demonstration site, a platform to present the newest technologies for water, energy and agriculture. Currently in the village visitors can view one of the worlds smallest waste-to-energy (bio-gas) systems, non electric water heating, cooking solutions and
Ktora Solar Field Click to Arava Power Company Website	Israel's first solar field- 5MW connected to the national grid system. Located in a beautiful desert scenery.
Thermo-Solar Experimental Facility	Sun concentrating troughs generate heat to produce steam. The steam create electricity by powering a turbine.
Waste-to-Energy Bio gas and waste treatment facility in Yotvata	Agricultural waste is transferred to a waste purification facility where the end product is used for agricultural of silage (Cattle Food). The cattle's waste then goes back through this process and a recycle cycle is made. The bio gas generated in this process is used to operate a steamer. This use saves around 30% of the fossil fuels the dairy farm consumes.
Neot-Smadar center for the arts Click to the Neot-Smadar website	Touring Neot-Smadar arts center is a memorable experience. This unique complex is both a work of art and a wonderful demonstration of the cooling tower technology. This vast building located in the middle of the desert in consistently cool without the need for electricity. This is done with the help of an ancient technology the cooling tower. The tour also includes a visit to the local winery and fruit or-
Green Building in Kibbutz Lotan Click to Lotan's Website	Spend from an hour to a full day in Lotan's Eco-Fun activity center. Hear lectures on sustainability, environment and ecology. Experiment hands on with mud houses building, Adobe blocks and passive cooling methods.
Renewable Technology Validation Center	Hear and see the latest of the renewable energy market in our technology validation center, where startup companies can experiment before commercial production. Currently presenting technology by Ecoppia a solar panel
Southern Arava R&D Click to official website	Tour the southern Arava R&D center where the latest technology and solutions for water management, terrain studies and agricultural mechanization are being made.