



Newsletter August 2015

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Off Grid Village Expanding

During August, a new off-grid system was installed in our demonstration site. A solar water desalination system by [SunDwater](#) Company. This village is a joint project with Arava Institute for Environmental Studies and it is a technology center focusing on development of off-grid products and technologies. Lately the village received a new look, thanks to students from the Arava Institute who volunteered to create a traditional African appearance. Visits in the village are extremely recommended and are scheduled in advance.

[For more information about the Off-Grid Village](#)



Timna Tender Published

After (almost) six years of work, Israel's land authority published the much anticipated tender for the construction of a 50-60 MW Solar Station, in the Eilat region. The development will be done by the winner of the tender as detailed in the attached document here. (Currently available only in Hebrew).

[Download PDF](#)

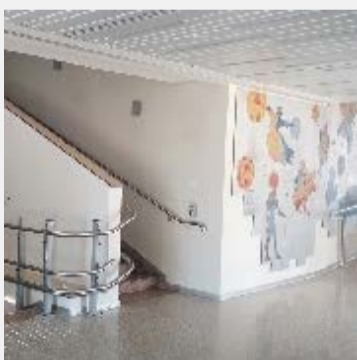


40MW solar electricity to national grid

On July 29th Arava Power Company initiated a new 40MW solar field co-owned by E.D.F Company (part of the French national electricity company). The field is located on the eastern side of route 90, across from Kibbutz Ketura, and it spreads over 500 dunams.

Connecting this field to the national grid, brings the total of clean electricity produced during the day in the Arava to 104MW which are 64% of the total consumption. This is a significant achievement to all the companies and organizations involved and especially to the Eilat regional council.

[For more details](#)



Optical Laboratory For Lease

Come work in the quietness of the desert, with no interruptions and without sharing your work space.

Eilat-Eilat renewable energy invites researches, students and start-ups to use our rare to find equipment available for lease by the hour, day or per project. The laboratory is located in the regional R&D research center, a facility that have 7 laboratories in total, all equipped to the latest standards. This center was just recently renovated and holds all the necessary amenities for a pleasant and productive work environment.

- * Ultra Series Optical Table
- * fsec pulsed laserOlympus microscopy optical system
- * Variety of Thorlab's optomechanical components and optics

For more technical details please see the attached PDF

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