

## PROJECT AUSTRALIA-(40MW)



The Perth Solar Power plant, located on over 195 acres of land in Western Australia, in Vincent district, highlights the immense potential of utility-scale solar in assisting Australia in transitioning to a renewable energy future.

The 40MW<sub>ac</sub> power plant, which is powered by 432,564 of EA-325 advanced thin film solar modules, will generate 81.16 GWh of clean solar electricity per year. That plant generates electricity with zero emissions during the operation, powers 66,500 average Australian homes and displaces over 64,000 metric tons of carbon dioxide equivalent emissions per year.

Commissioned in January of 2015, the construction of the plant was undertaken by EPC, Energy America & Renwatech group out of Poland. The power plant will supply electricity through the grid to Western Power Distribution Company of Perth for a period of 25 years.

## **PROJECT BENIFITS**

- Will displace 64,000 metric tons of CO<sub>2</sub> equivalent emissions per year.
- No water used for electricity generation.
- Independence from fuel imports.
- Development of local supply chain.

## **OWNER:**

Western power Limited

## **EPC CONTRACTOR:**

Energy America Inc & Renewatech (Poland)

## **TYPE:**

FIXED TILT, GROUND MOUNT

## **NUMBER OF MODULES:**

432,564

## **PROJECT SIZE:**

40MW (AC)

## **HOMES POWERED:**

71,500

## **TONS CO<sub>2</sub> DISPLACED ANNUALLY:**

66,000 tons