

## ROOF SOLAR SYSTEM INSTALLED AT JAFFARI COMMUNITY CENTRE

On June 2011 the EC at JCC signed a FIT contract version 1.5 with IESO with the aim of revenue generation for the JCC. This contract allowed JCC the ability to put up a 200 kW solar system to generate and sell electricity to Ontario's electricity grid at a rate of \$0.713 / kWh over a period of 20 years.

The JFMB team working alongside the DOO explored and presented various options to the EC. After carefully considering the options and taking into account risks as well as legal implications, the EC granted a contract to a solar panel developer which involved leasing the JCC roof space over a 20-year period. The developer took on the cost of procuring, installation and maintenance of the solar panels and committed to providing a guaranteed lease payment of \$50,000 per annum with a total of \$1 Million over the 20-year period.

With the successfully completion of the project in Jan 2015, JCC became the first community among the members of World federation to embark upon a huge project of this size. This initiative has provided a foot print of the future to develop self-sustaining green communities and preservation of this earth. As Allah (swt) says ,in the Quran ,*Sura Furqan verse 63, And the servants of (Allah) Most Gracious are those who walk on the earth in humility, and when the ignorant address them, they say, "Peace!"*

The solar system project saw the installation of over 720 solar panels capable of producing 230MWh electricity per annum. A summary of the benefits for JCC from the implementation are as follows:

- Become a sustainable/green community.
- Produce 230,000 kWh of clean electricity annually, resulting in a carbon offset of 164 tonnes of CO<sub>2</sub> in the atmosphere annually.
- Generate revenue over 20 years to fund community programs at JCC and offset annual operating costs.
- By having solar panels, the life expectancy of the roof has also increased thus offsetting the costs of roof replacement

The funds collected from this project are deposited in special purpose account for future major maintenance projects and roof replacements of ISIJ properties.

Khalil Champsi.

JFMB Chair





# Monthly Energy Production Report for The Mosque

Enphase Energy maximizes your solar energy production and keeps you informed about your system. Your monthly energy report shows how your system performed and how much you contributed to offsetting the global carbon footprint.

For more details on these production results, please visit your [Enphase® system](#).

Week	Peak Power	Energy Produced
12/01/2018 - 12/07/2018	115 kW	1.27 MWh
12/08/2018 - 12/14/2018	110 kW	1.14 MWh
12/15/2018 - 12/21/2018	99.3 kW	1.26 MWh
12/22/2018 - 12/28/2018	86.1 kW	672 kWh
12/29/2018 - 12/31/2018	106 kW	418 kWh
<b>December 2018 Total:</b>		<b>4.77 MWh</b>
<b>Previous Month Total:</b>		<b>5.47 MWh</b>
<b>Year to Date:</b>		<b>230 MWh</b>

Your **Carbon Offset** for this month: 3.29 tons

You have offset the equivalent of: **84 Trees**

