

Dubai Electricity & Water Authority (DEWA)

Introduction to Shams Dubai Program

April 25th, 2018

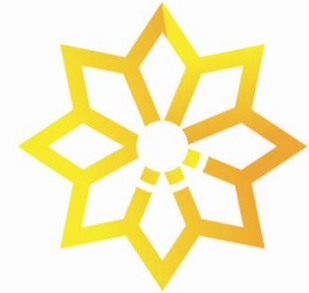


Introduction – Shams Dubai

- Shams Dubai initiative allows customers to install solar panels at their premises and connect to DEWA's grid under a net metering scheme
- It implements the Executive Council Resolution no. (46) of 2014



شمس دبي
Shams Dubai



**CONNECTING SOLAR ENERGY
TO HOUSES AND BUILDINGS**

Benefits for society – Shams Dubai contributes towards multiple objectives for DEWA and Dubai/UAE at large



Objective/initiative

Smart Dubai

Shams Dubai contribution

- Supporting the vision of making Dubai the smartest and happiest city fostering distributed generation/smart houses and enabling bill savings & CSR opportunity for customers



DIES 2030/ DCES 2050/ DSM Strategy

- Diversifies generation mix, saves gas/ Contributes to demand side management (DSM)



Carbon abatement strategy

- Reduces carbon emissions



UAE Agenda 2021

- Sustainable Environment and Infrastructure objectives (share of clean energy, air quality)



Green Economy for Sustainable Development

- Creates green jobs, helps position Dubai and the UAE as a green economy hub for the region

Benefits for customers



Sustainability / CSR



Bill savings



Smart homes

شمس دبي
Shams Dubai

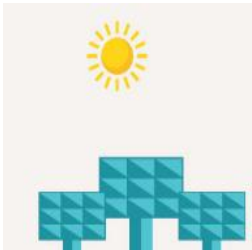


Key Achievements Summary



Shams Dubai Consultants & Contractors

- 13 Shams Dubai Solar PV trainings successfully completed with a total of **460 solar experts certified**
- Total of **87 Consultant and Contractor companies** enrolled (as of March 18th 2018)
 - 10 Consultants
 - 77 Contractors



Shams Dubai Eligible Equipment Manufacturers

- More than 100 Manufacturers registered
- More than 850 Products registered including:
 - Solar panels
 - Solar Inverters
 - Interface Protection Units



Shams Dubai Projects

- **Connected**, (as of 15th April 2018)
 - 40.7 MW,
 - >900 buildings
- **Promising pipeline**

Some of Shams Dubai Connected Projects



**DEWA M Station Potable Water Reservoir,
Jebel Ali, 1500 kWp**



**Awqaf & Minors Affairs
Foundation (Mosque), Al Twar,
6 kWp**



Private Villa, 5 kWp



Unilever, 1001.7 KWp



**Dubai Municipality, Hatta, 120
kWp**



**La Ronda Emirates Chocolate
Factory, 649.6 kWp.**



**City Center Me'aisem,
Tecom, 474 kWp**



**Royal Crown Fisheries
Factory, 60 KWp**

Shams Dubai website (1/2)

All information on Shams Dubai is available at:

www.dewa.gov.ae/shamsdubai



Shams Dubai Customers & Residents

Discover how Shams Dubai impacts your life by connecting solar energy to houses and buildings.



Shams Dubai Consultants & Contractors

Discover how to empower Shams Dubai customers as a Consultant & Contractor



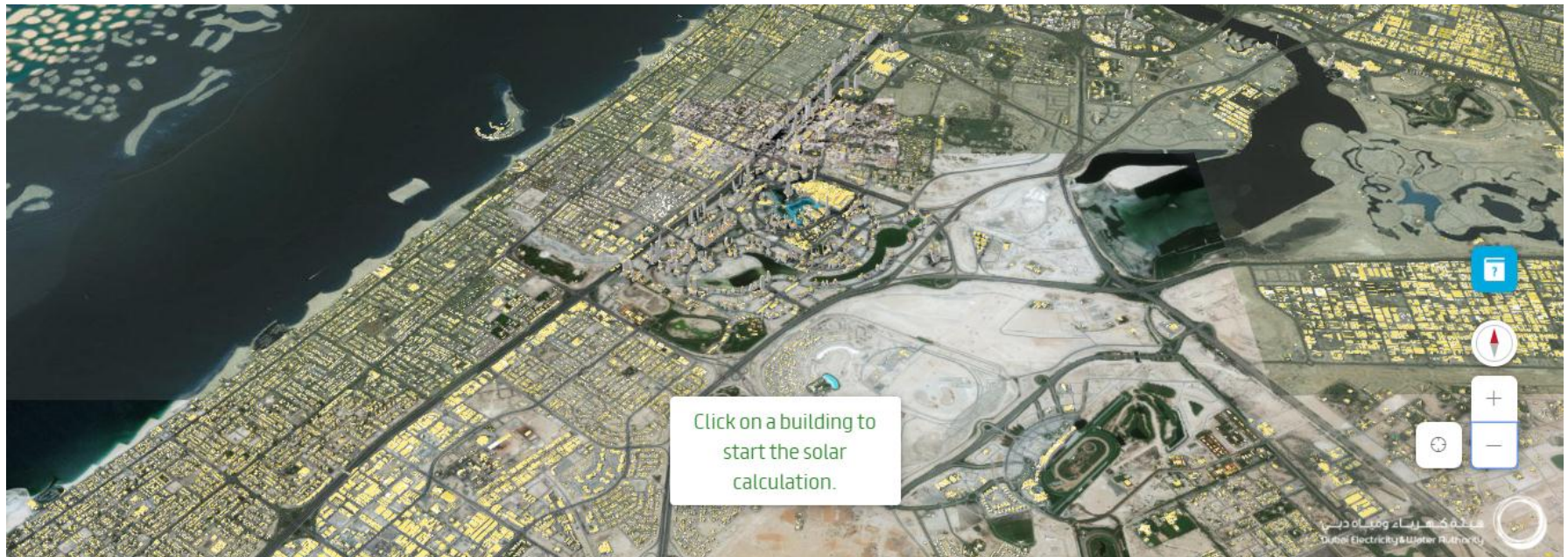
Shams Dubai Suppliers & Manufacturers

Discover how to make your equipment eligible under the Shams Dubai initiative



Shams Dubai website (2/2)

DEWA launched the **Shams Dubai Calculator**, to support customers in deciding on the installation of PV panels on their rooftops, under Shams Dubai initiative



- Customers can easily identify their building's rooftop through the interactive map
- They can measure the usable area, number of panels, expected generation and savings
- Results can also be shared through social media channels

Thank you for your attention

شمس دبي
Shams Dubai

