



طاقتي
TAQATI
برنامج دبي لكفاءة الطاقة
DUBAI ENERGY EFFICIENCY PROGRAM

الاتحاد
Etihad
لخدمات الطاقة
Energy Services

Schools Conservation Award

November 2016

Who is Etihad ESCO?

DEWA venture established in 2013



Vision

To make Dubai one of the most sustainable cities in the world



Mission

To make Dubai's built environment a leading example of energy efficiency for the region and the world

Goals



Contribute to achieve energy demand reduction targets set by the Dubai Supreme Council of Energy



Create an energy performance contracting (ESCO) market in Dubai



Support local and international ESCOs to grow and thrive

Etihad ESCO - Key Targets



1.7 TWh

of Electricity to be saved annually by 2030



5.6 Billion IG

of Water to be saved annually by 2030



1 Million Tons

of CO₂ to be abated annually by 2030



30,000

Buildings estimated potential for Dubai out of 120,000

How can Etihad ES help you?



How can Etihad ES help schools become more energy efficient?



Retrofits



Solar

What is Retrofitting?

What is
Retrofitting?

Targeting the main components of a building and replacing them with more energy efficient materials and equipment to reduce energy consumption



Cooling Retrofits



Lighting Retrofits



Water Fixture Retrofits



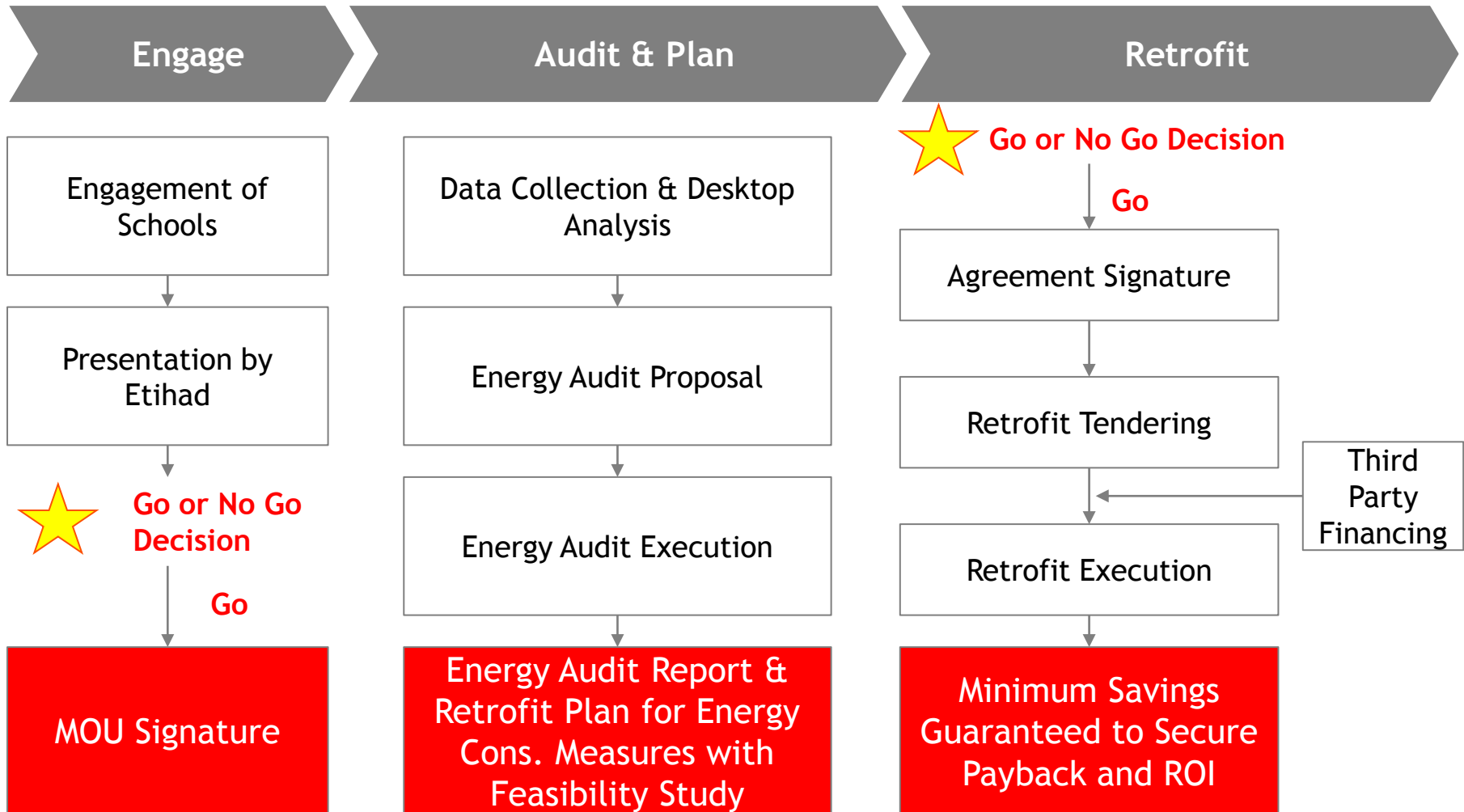
Industrial Process Retrofits



Building Envelope and
Other Retrofits

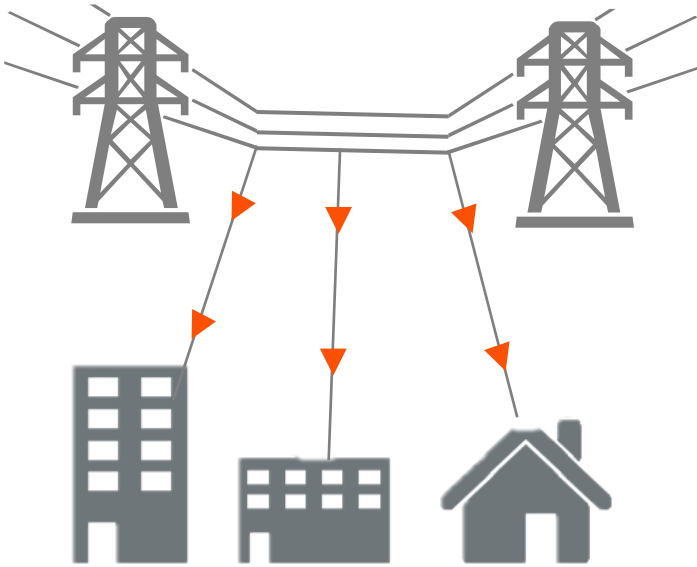
20-60% Potential
Savings on your
electricity and
water bill
(depending on
several factors)

Audit & Retrofit Process



What is Solar Energy?

Conventional Energy

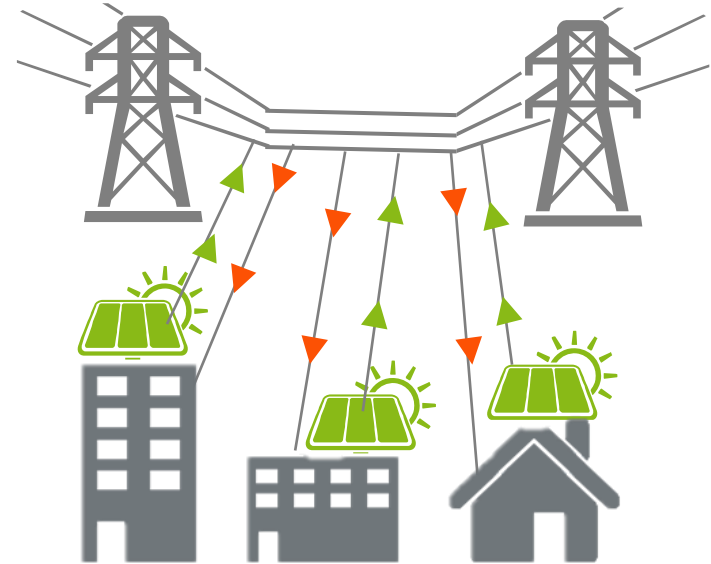


Receive Energy



Pay Your Bill

Conventional and Solar Energy



Receive Energy

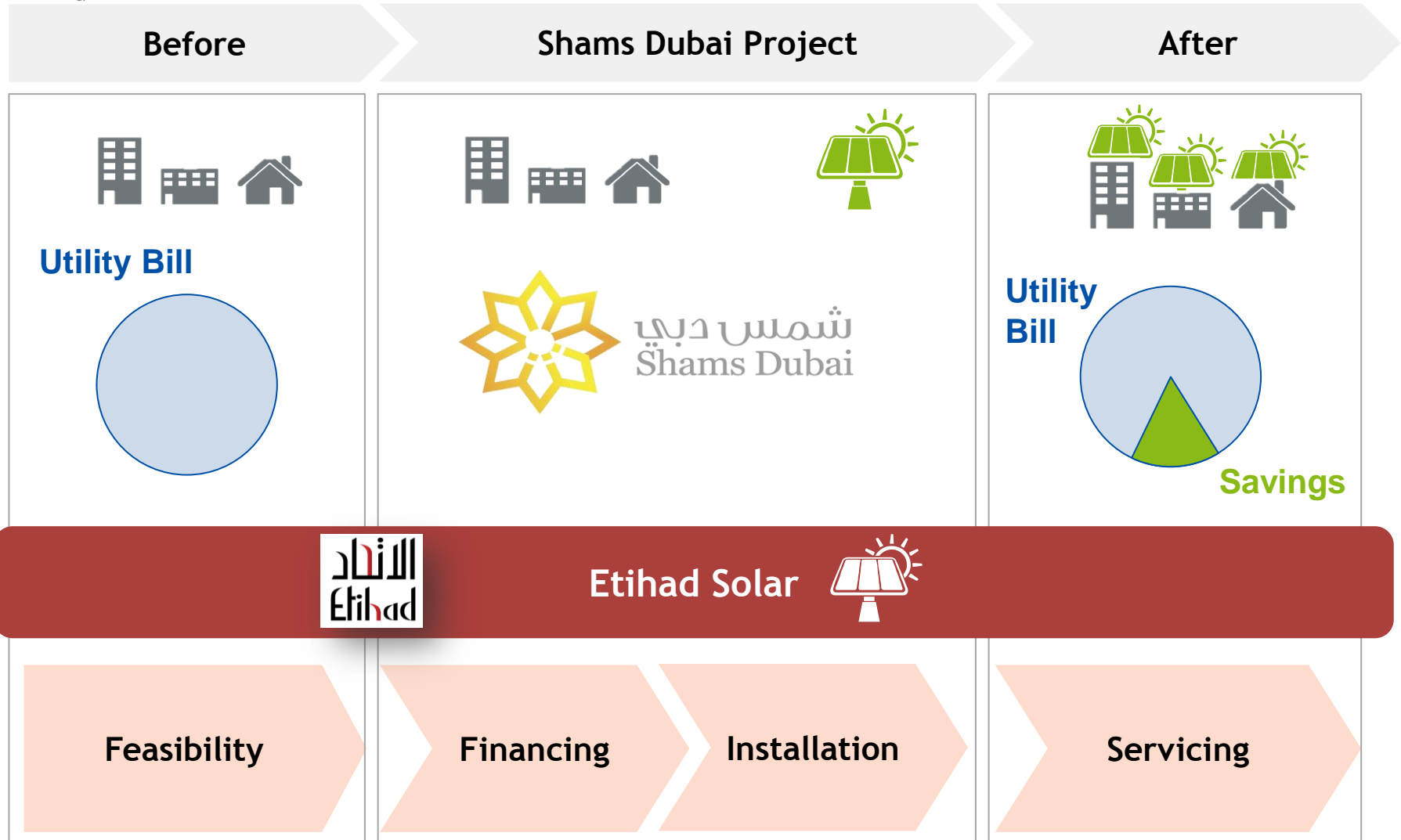


Generate Energy

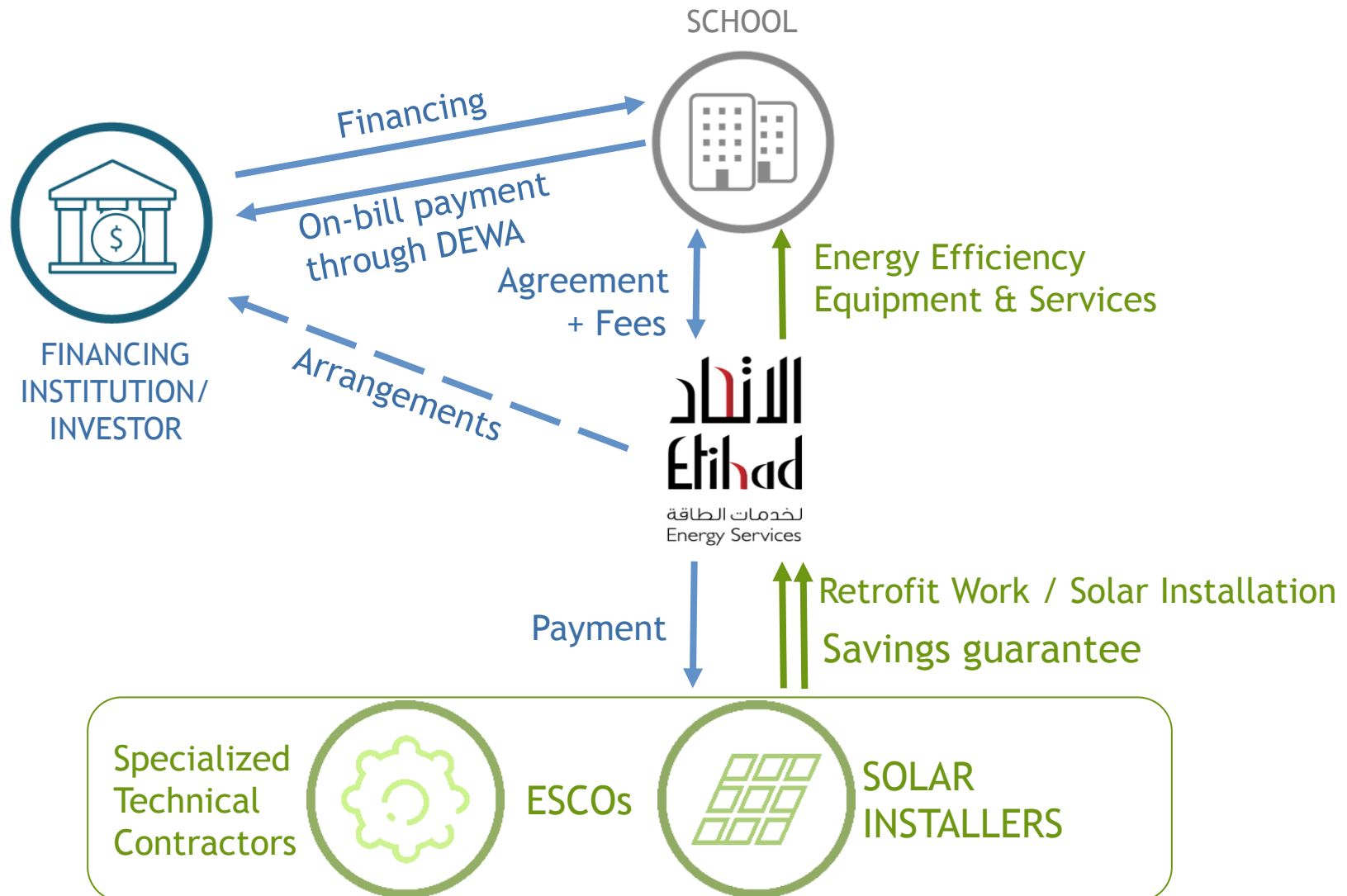


Pay a **LOWER** Bill

How to Go from Conventional to Solar Energy?



Financing & Operations



Key Benefits



Etihad ES as a one stop shop
for full execution and operational maintenance



Access to the best industry capabilities at the best prices
through Etihad ES negotiations and economies of scale



On-bill payment through DEWA
with Payback of 5 years



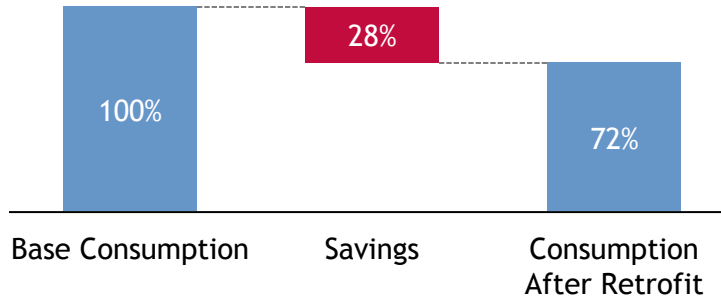
Guaranteed savings agreement ensuring
minimum monthly savings on DEWA bill

Success Story 1: JAFZA

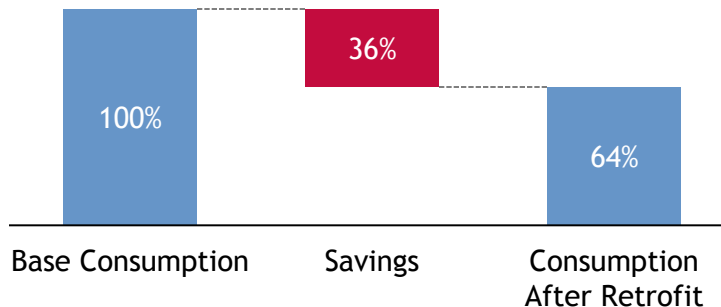
Largest energy retrofit project in the Middle East
First energy retrofit project funded through Sharia-compliant financing

Number of Buildings	157	Start Date	Nov 2015
		Completion Date	Nov 2016

ELECTRICITY



WATER



Annual Savings on
DEWA Bill

AED 22 Million

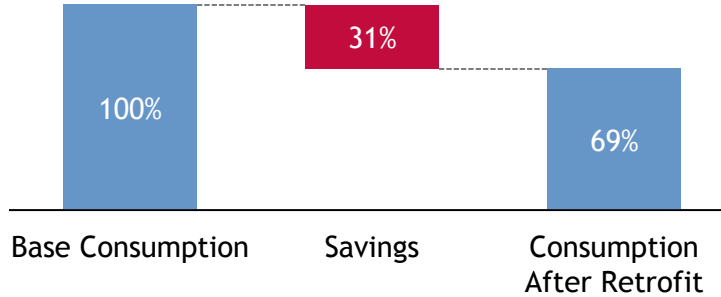


Success Story 2: DEWA

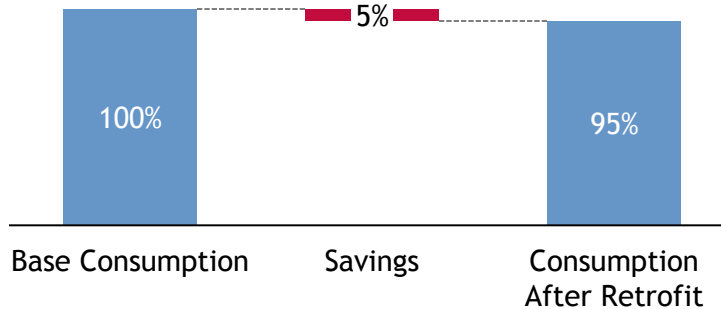
Retrofit of 7 DEWA Buildings

Number of Buildings	7	Start Date	Jan 2015
		Completion Date	Dec 2016

ELECTRICITY



WATER



Annual Savings on
DEWA Bill

AED 2 Million

Get in Touch



Retrofits



Solar

Abdulrahim Sultan

Business Development Director

Etihad ESCO

Abdulrahim.sultan@etihadesco.com

04 322 0383



لخدمات الطاقة
Energy Services

Christos Mimikopoulos

Executive Director

Etihad Solar

christos.mimikopoulos@EtihadEsco.com

04 322 0774



لخدمات الطاقة
Energy Services



Aref Abouzahr

Executive Director

TAQATI

Aref.abouzahr@Taqati.ae

04 322 0388