



Asociación Mexicana de Energía Solar Fotovoltaica

O&M
Distributed Solar in Mexico

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ASOLMEX

Asociación Mexicana de Energía Solar Fotovoltaica



NUESTRO
OBJETIVO



PROMOVER EL DESARROLLO DE LA
ENERGÍA SOLAR FOTOVOLTAICA EN
MÉXICO SIENDO ADEMÁS UN FORO DE
ANÁLISIS Y DIFUSIÓN DE LOS
BENEFICIOS DE LAS ENERGÍAS
RENOVABLES.

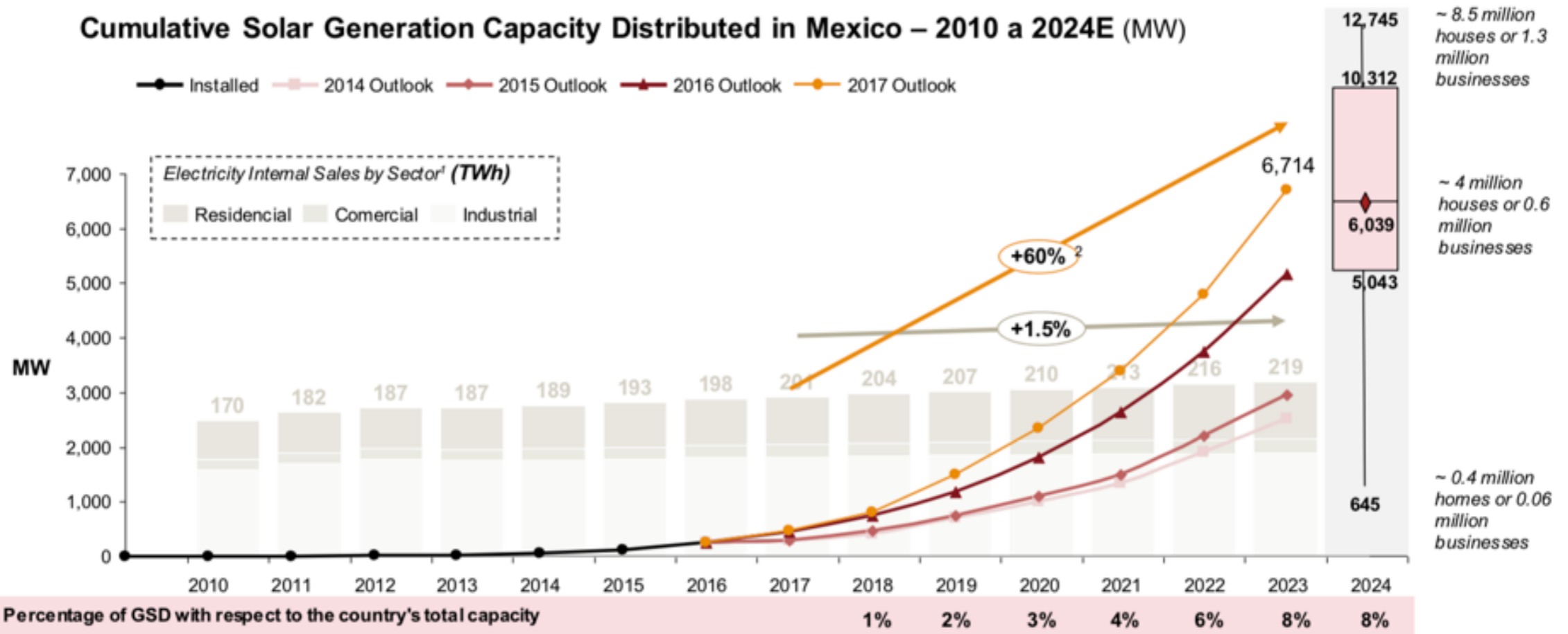
EMPRESAS QUE FORMAN PARTE DE ASOLMEX



Potencial de Generación Solar Distribuida

It is estimated that in Mexico solar distributed generation can reach ~ 6,000 MW in the next 6 years

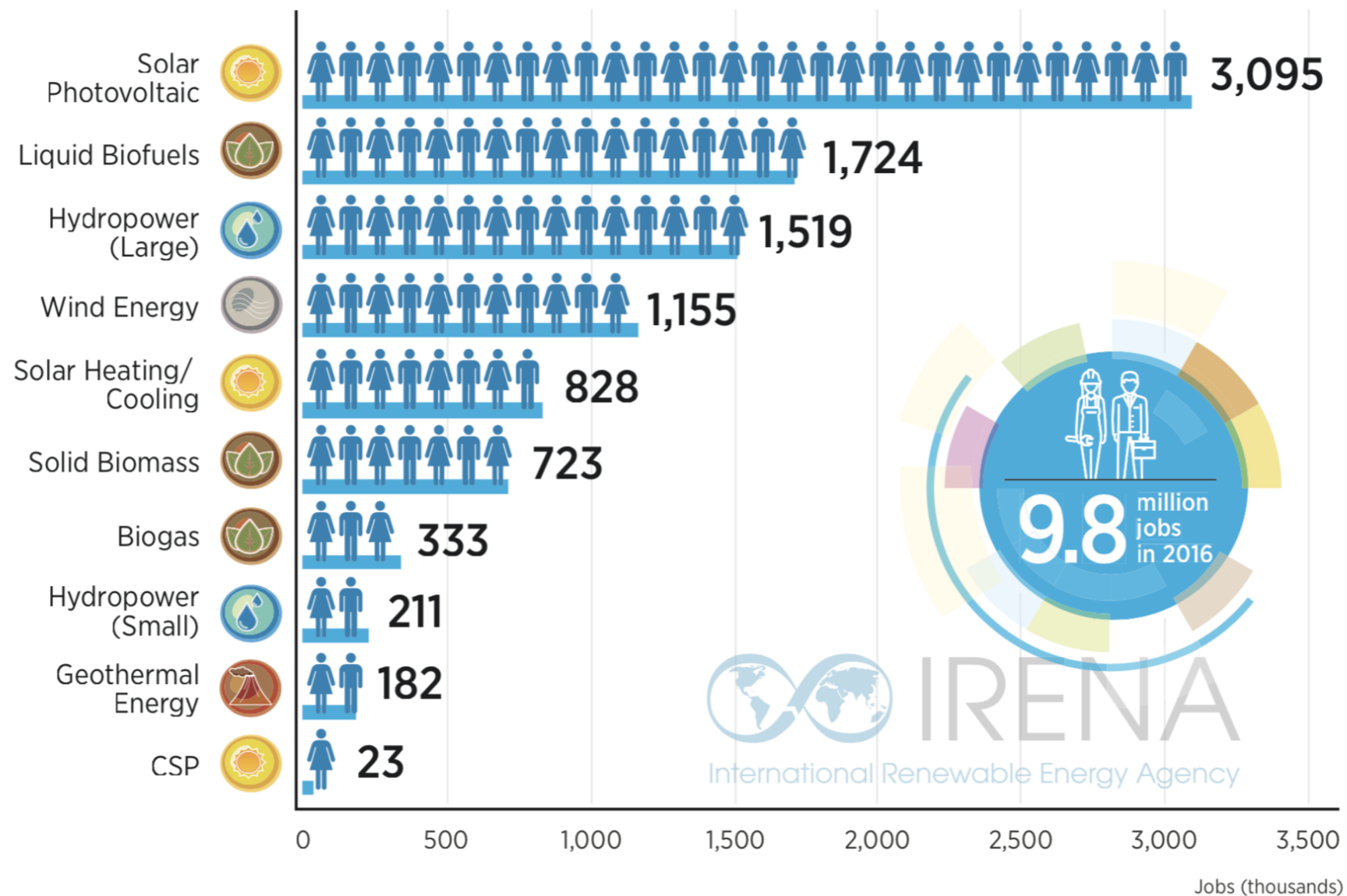
Cumulative Solar Generation Capacity Distributed in Mexico – 2010 a 2024E (MW)



(1) Excludes Agriculture and Services
 (2) Considering an average of 1.5 kW/house and 10kW/business
 CSource: CRE, SIE encuesta

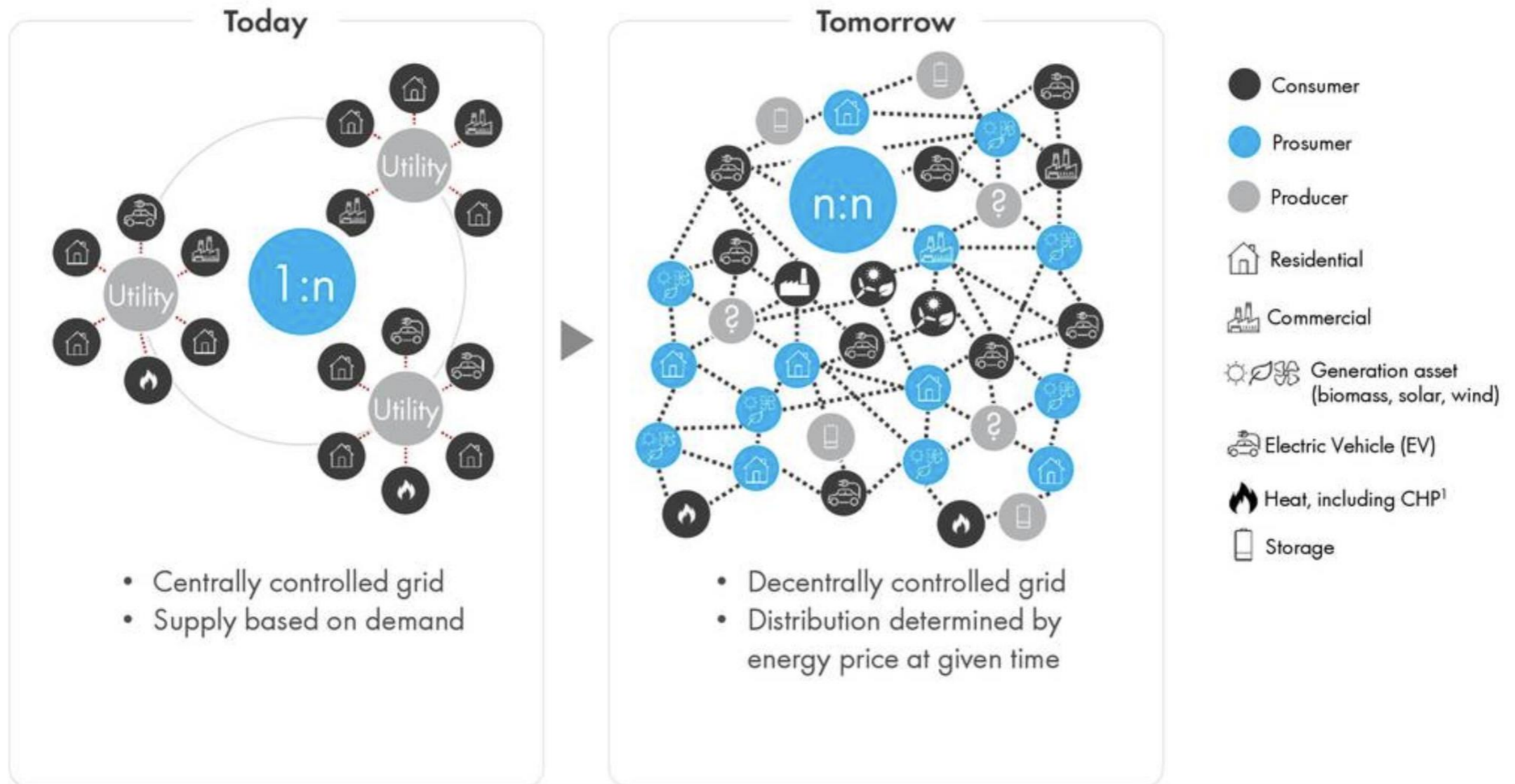
Beneficios en creación de empleos

FIGURE 2: RENEWABLE ENERGY EMPLOYMENT BY TECHNOLOGY



Architecture

Centralized vs Distributed



CENTRALIZED AND DECENTRALIZED PV O&M COMPARISON

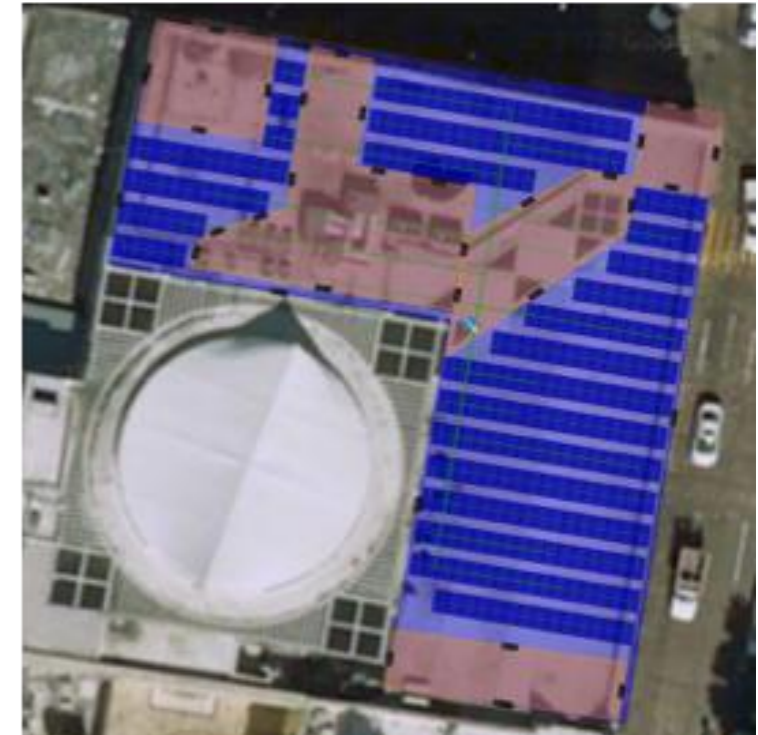
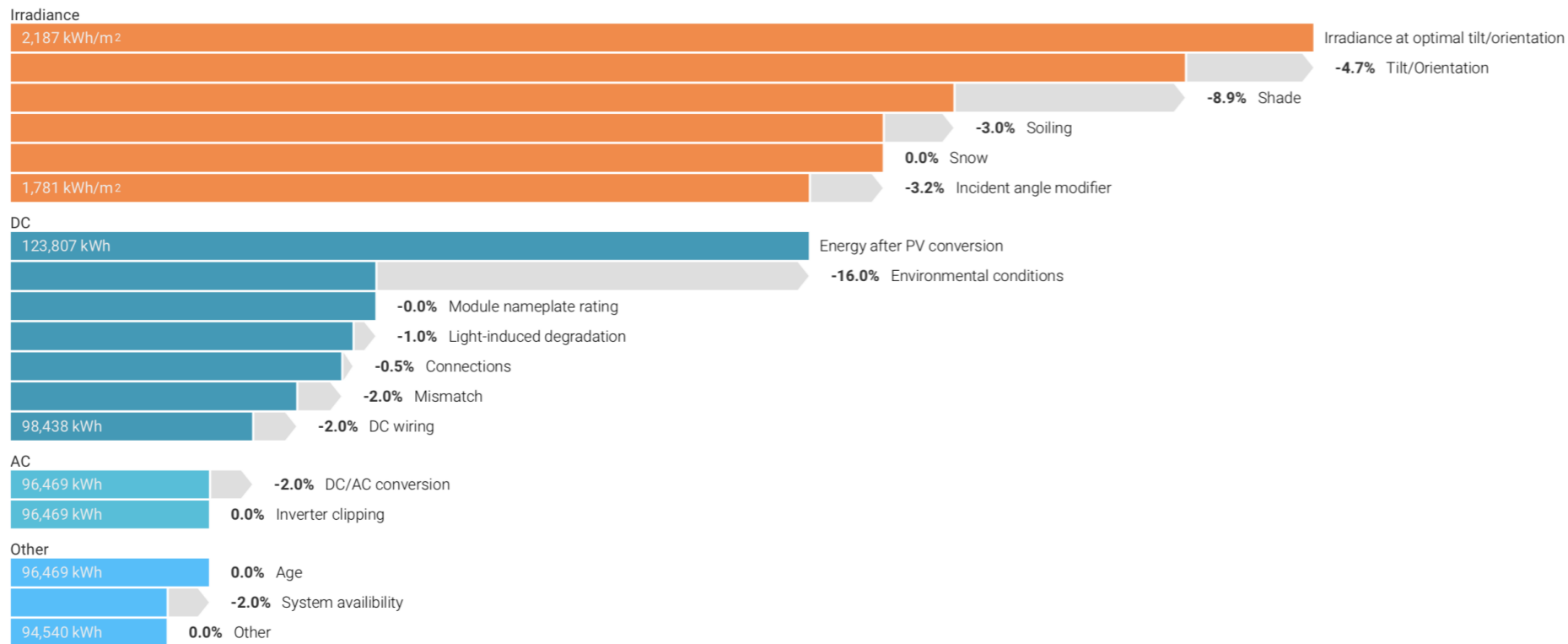
	Centralized	Distributed
Trained Personnel 24/7 in Plant	Yes	No
Monitoring	String Level	Module Level
Security Cameras	Yes	No
Meteorology Station	Yes	Very few
Customer	Investor	Home Owner / Business Owner
Reporting	Energy Generation	Net Energy / Savings
Limpieza de Modulos	Frequent	Not Frequent

OPERATIONS

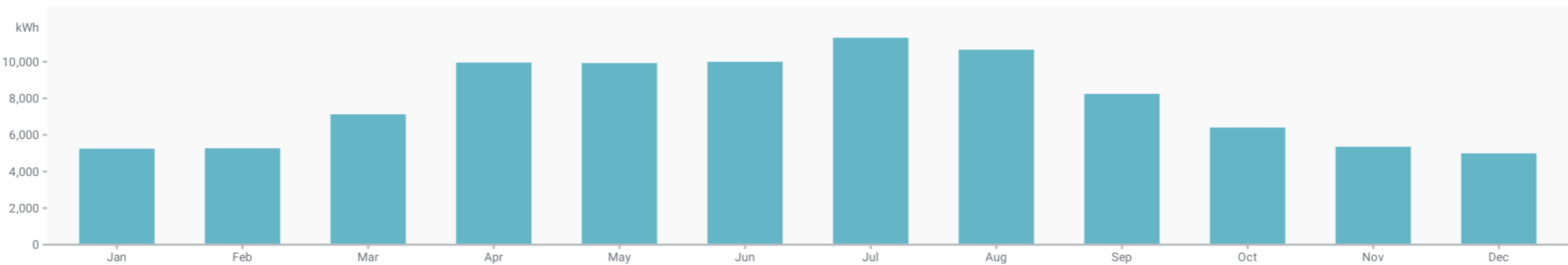


Simulation Data

System Loss Diagram (beta)



Monthly Production



Production (kWh)

94,540

Offset (%)

N/A

Yield (kWh/kWp)

1,368

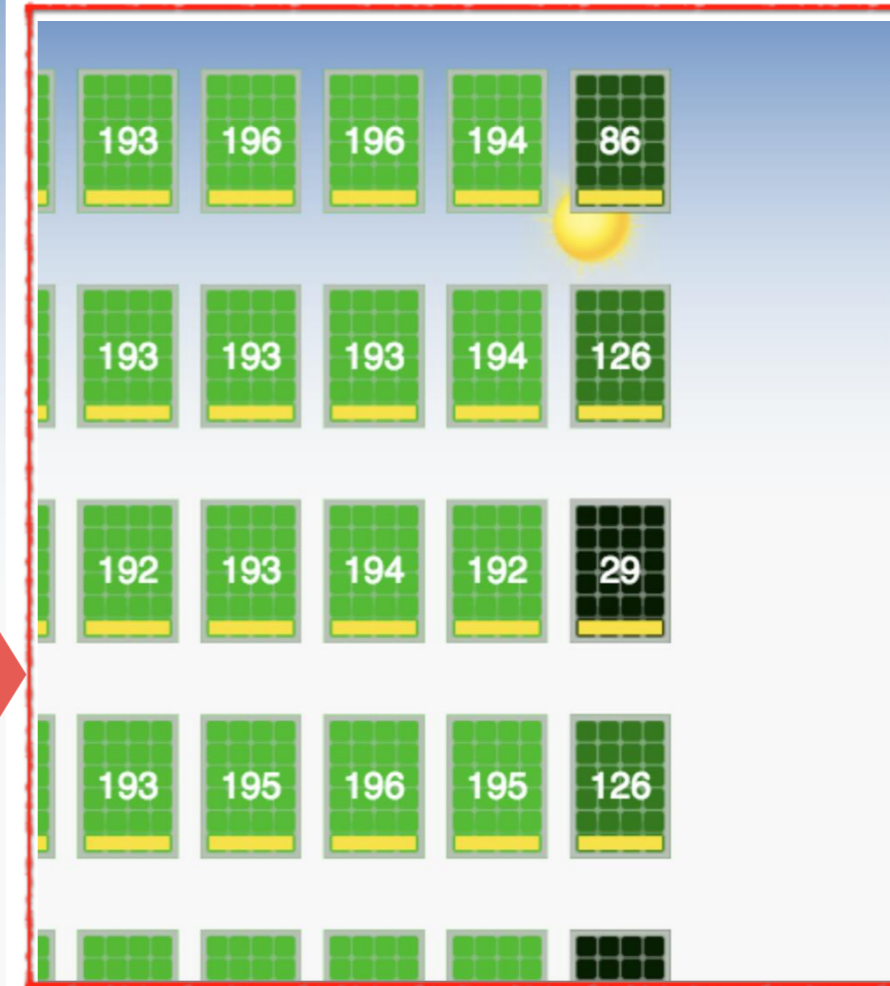
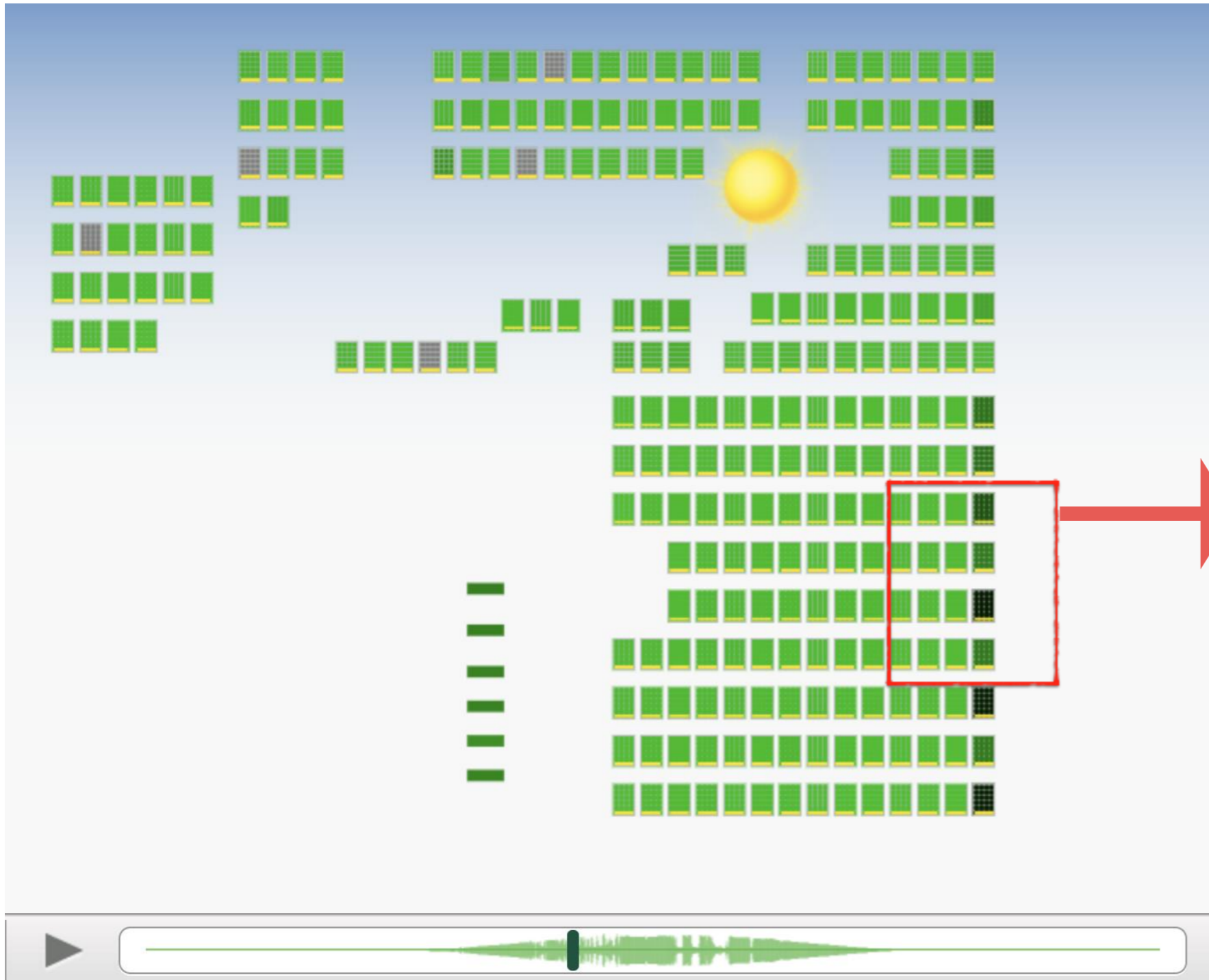
Performance Ratio

0.764

From Design to the Field



Monitoring



GRACIAS



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