

Green Business Workshop



Forum Agenda

The State of Solar

Inovateus: Midwest Solar

Indiana & Michigan Projects

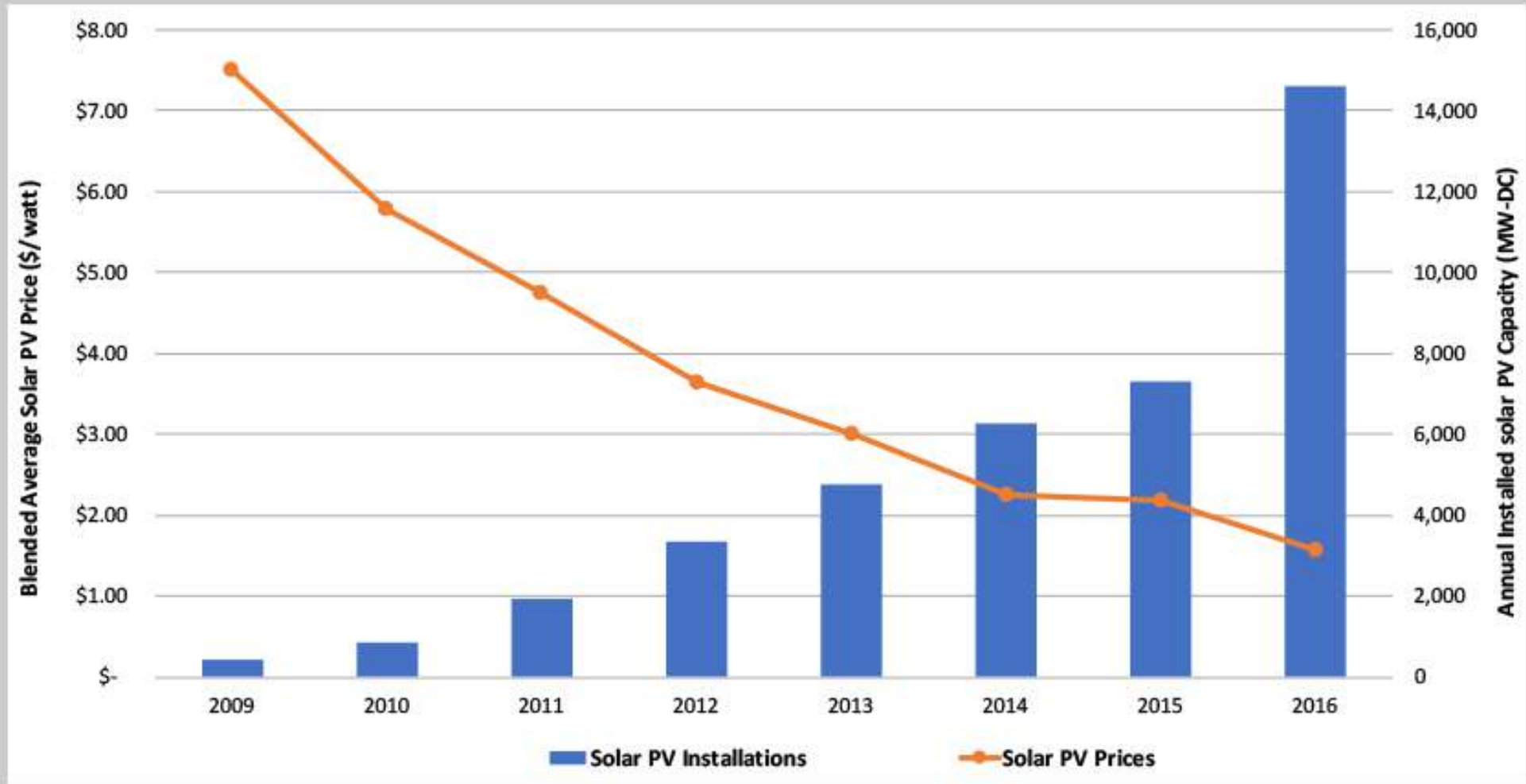
Switching to Solar



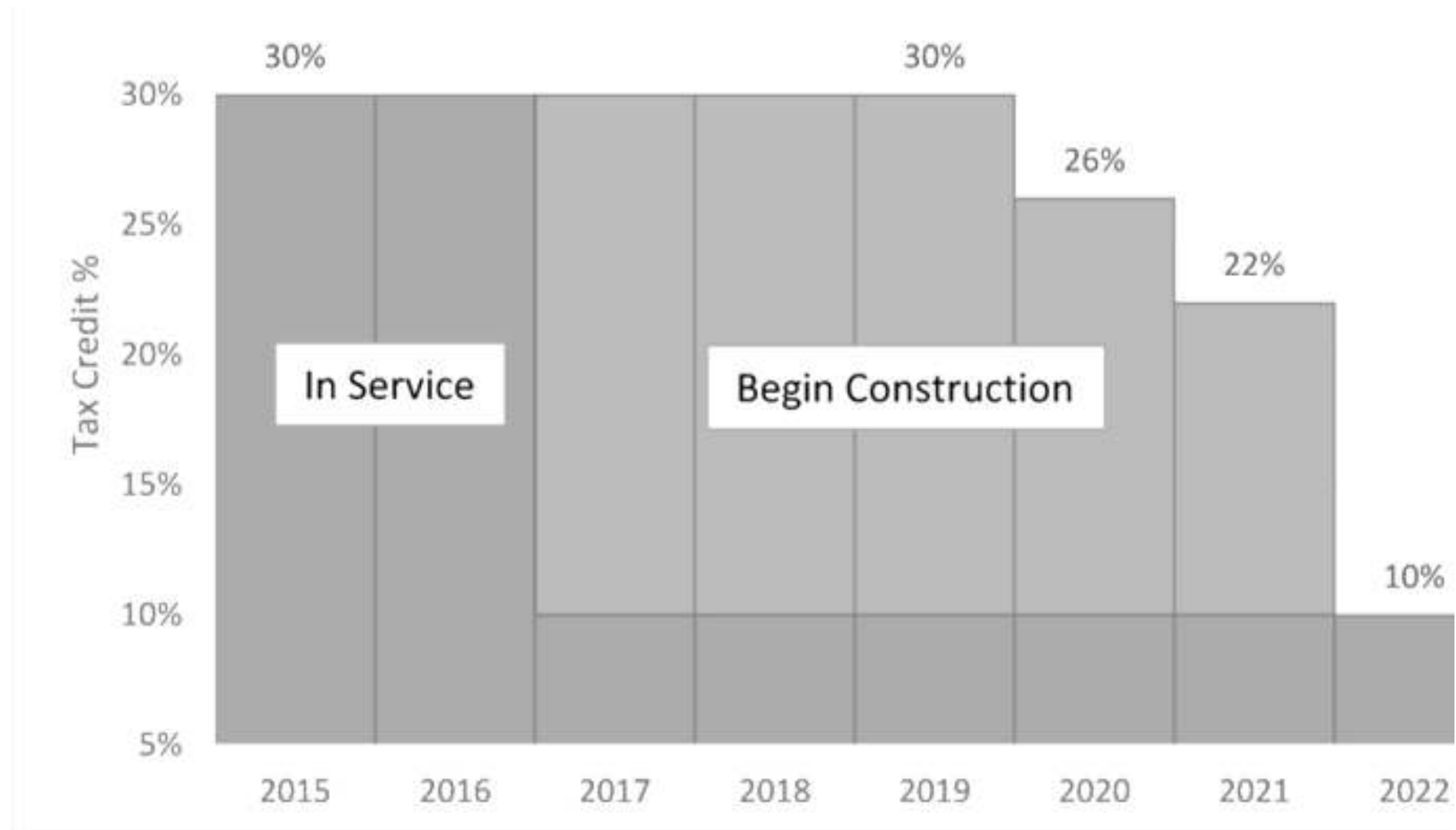
An aerial photograph of a large-scale solar farm. The image shows multiple rows of solar panels, with some appearing as dark blue and others as a reddish-brown hue. A yellow excavator is positioned in the center of the frame, between two rows of panels. A semi-transparent grey banner is overlaid across the middle of the image, containing the text "State of Solar".

State of Solar

Falling Cost of Solar Generates Increased Demand



Investment Tax Credit Reduced After 2019



Increasing Private Solar Procurement

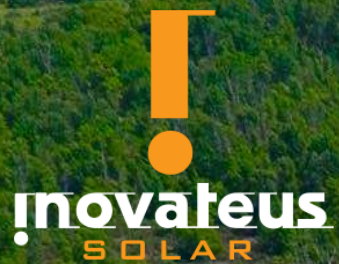
63% of Fortune 100 companies set clean energy targets

Over 330 colleges have solar, with largest at 72 MW

30 Cities committed to 100% renewable energy

14.8 GW of solar installed last year, 97% increase from 2015

Germany has highest solar capacity, despite same latitude as Quebec





Inovateus is an experienced Midwest Solar EPC-Developer
with over 300 MW installed throughout the US

Top 10 Developers 2017 – SolarPowerWorld



Founded in 2005 to develop solar solutions
for the Midwest's growing energy needs

Over 300MW of rooftop, carport, and
ground mount installations

Complete Scope from Engineering to Construction

Over a Decade of Experience In a Broad Range of Projects



An aerial photograph of a large-scale solar farm. The image shows multiple rows of solar panels, with some appearing as dark blue and others as a reddish-brown hue, likely due to different panel types or lighting. A yellow excavator is positioned in the center of the frame, between two rows of panels. A semi-transparent grey banner is overlaid across the middle of the image, containing the text "Project Overviews".

Project Overviews

Project Profile: ND Kemore Solar







Client: **University of Notre Dame**

Location: **South Bend, IN**

Size: **144 kW**

Contract: **Build-Transfer**

Status: **Complete, 2017**

Gasoline Tanker Trucks	Barrels of Oil	Trees	Home Electricity/Year
 723 trucks	 25 barrels	 1,142 trees	 4 homes
Total amount of CO2 avoided is equal to this many gasoline tanker trucks.	Total amount of CO2 avoided is equal to this many barrels of oil consumed.	It would take this many mature trees one year to reduce the total CO2 avoided.	The total amount of energy generated is enough to provide electricity to this many houses for one year.

Project Profile: MSU SPARTAN



Client: Michigan State University

Location: East Lansing, MI

Size: 13.5 MW

Contract: PPA

Status: Under Construction

Project Profile: Kokomo



Client: **Duke Energy**

Location: **Kokomo, IN**

Size: **7 MW**

Contract: **PPA**

Status: **Completed, 2016**

Project Profile: IKEA Perryville



Client:	IKEA
Location:	St. Louis, MO
Size:	1.3 MW
Contract:	Build-Transfer
Status:	Complete, 2014

Project Profile: DTE ENERGY LAPEER



Client:	DTE Energy
Location:	Lapeer, MI
Size:	57.5 MW
Contract:	Build-Transfer
Status:	Complete, 2017

An aerial photograph of a large-scale solar farm. The image shows numerous rows of solar panels, some of which are dark blue and others that appear reddish-brown, possibly due to different technologies or stages of installation. A yellow excavator is positioned in the center-left area, working on the ground between the rows of panels. The panels are laid out in a grid pattern across a green field. A semi-transparent grey banner is overlaid across the middle of the image, containing the text "How To Switch to Solar".

How To Switch to Solar

Deciding If Solar Is Right For You

Analysis

Energy Bill
Review

Solar
Production

Annual
Savings

Location

On- vs. Off-
Site

Organization
Goals

Partner Goals

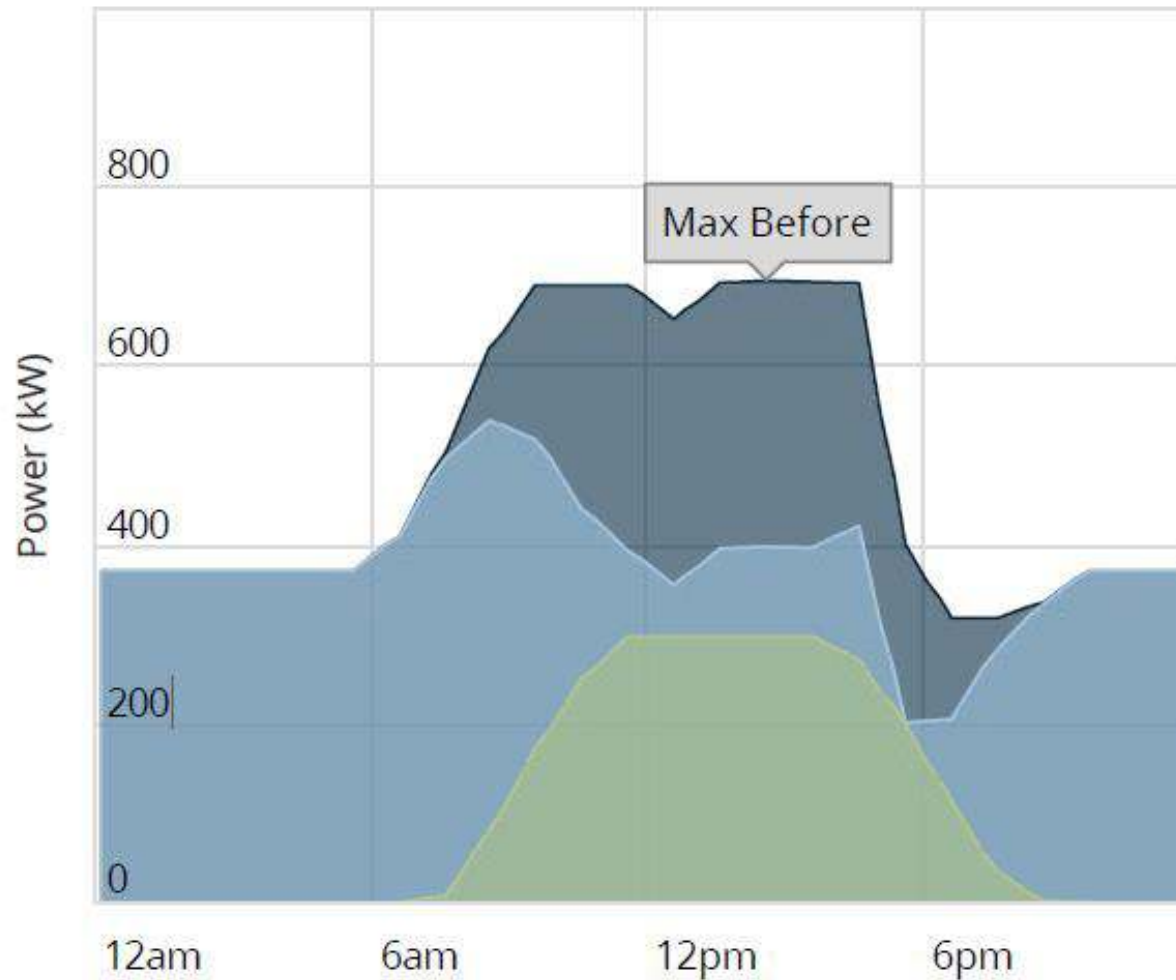
Contract

Own vs. PPA

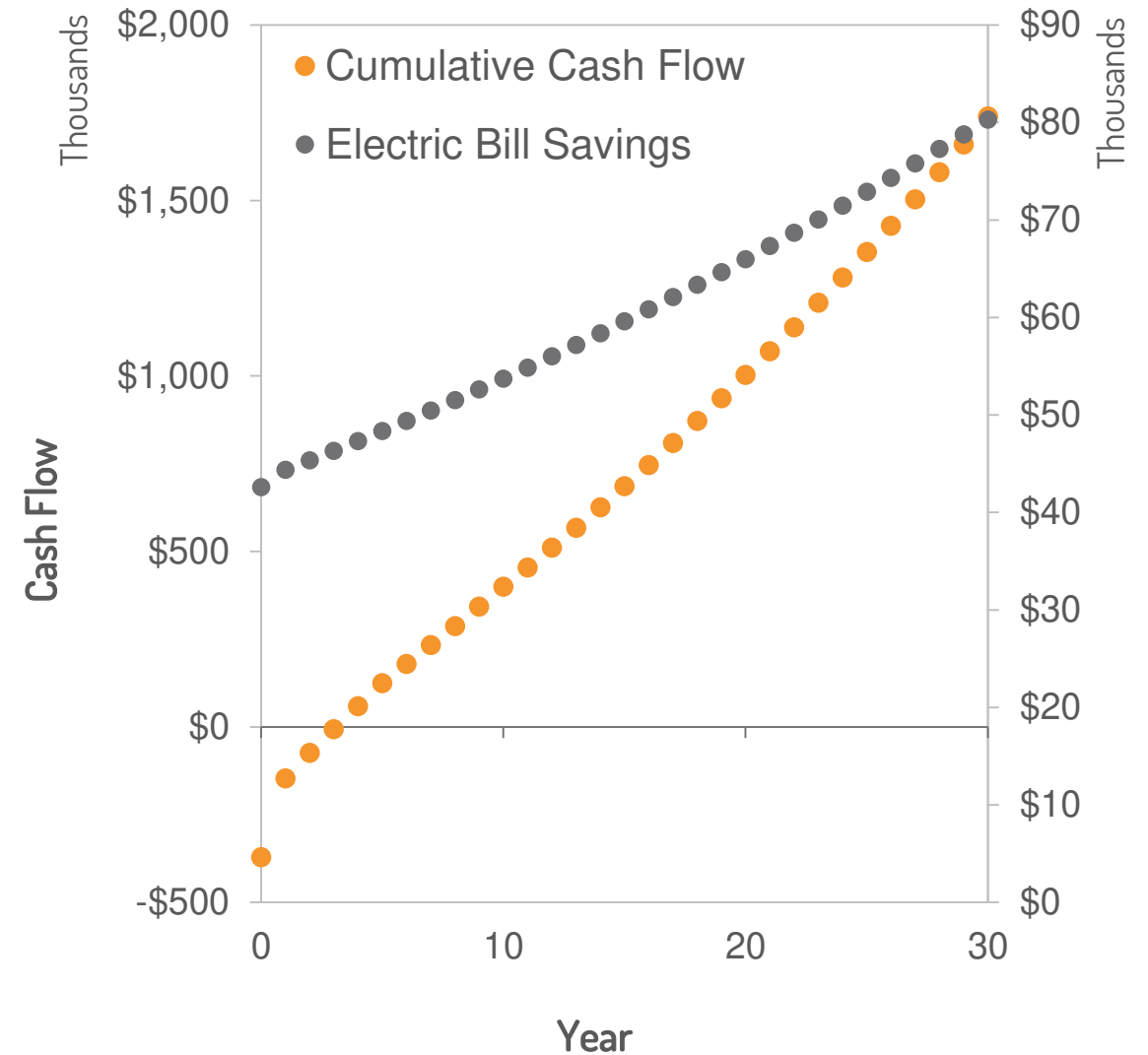
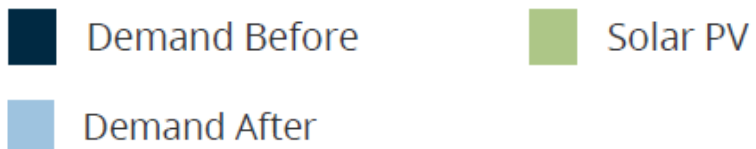
Tax Effects

ROI Timeline

Energy Analysis: Indiana Case Study



Legend:



Location Tradeoffs

	Benefits	Limitations
 <p>Ground Mount</p>	<ul style="list-style-type: none">• Low Cost• Marketing Visibility• Simple O&M	<ul style="list-style-type: none">• Land Required• Limits Land Use
 <p>Carport</p>	<ul style="list-style-type: none">• Highest Visibility• Multi-Function• No Extra Land	<ul style="list-style-type: none">• Increased Cost• Capacity Limited by Lot Size
 <p>Rooftop</p>	<ul style="list-style-type: none">• On-site Consumption• Accessible• No Land Required	<ul style="list-style-type: none">• Increased Cost• Capacity Limited by Roof Size

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Q & A