



A BRIGHTER FUTURE

SOLAR TOGETHER™

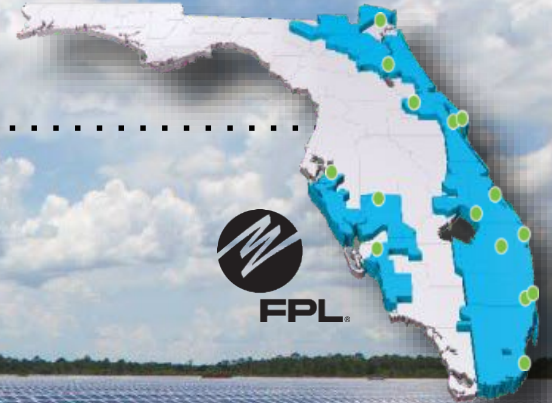
WITH THE UNIVERSITY OF MIAMI

The Path to 100% Renewable

“This partnership with FPL moves the University toward carbon neutrality more quickly and efficiently than we could have achieved independently.”

Jessica Brumley, VP Facilities Operations & Planning

NEXtera[®] ENERGY



About NextEra Energy, Inc.

- ▶ World's #1 producer of renewable energy from the wind and sun
- ▶ Goal to reduce CO2 emissions rate 67% by 2025, from a 2005 baseline
- ▶ Florida's largest solar producer with 28 solar energy centers currently in operation

Miami-Dade Solar Energy Center

74.5 MW

Enough to power
15,000
homes with
solar energy

Built cost-
effectively

**20 new solar
power plants**

1,490 MW

FPL SolarTogether™ – the largest community solar
program in the country

A worker wearing a white hard hat, safety glasses, a tan long-sleeved shirt, blue jeans, and yellow and green gloves is crouching next to a large, light-colored metal cabinet. The worker is pointing towards the cabinet. In the background, there are rows of solar panels on a roof, a chain-link fence, and a clear blue sky. The ground is covered with a layer of white and blue insulation or gravel.

Battery integration helps improve the
Predictability and reliability – of solar power

Largest
combined
AC-coupled
solar + storage
operating in U.S.

Benefit of a “Offsite Solar Energy agreement”



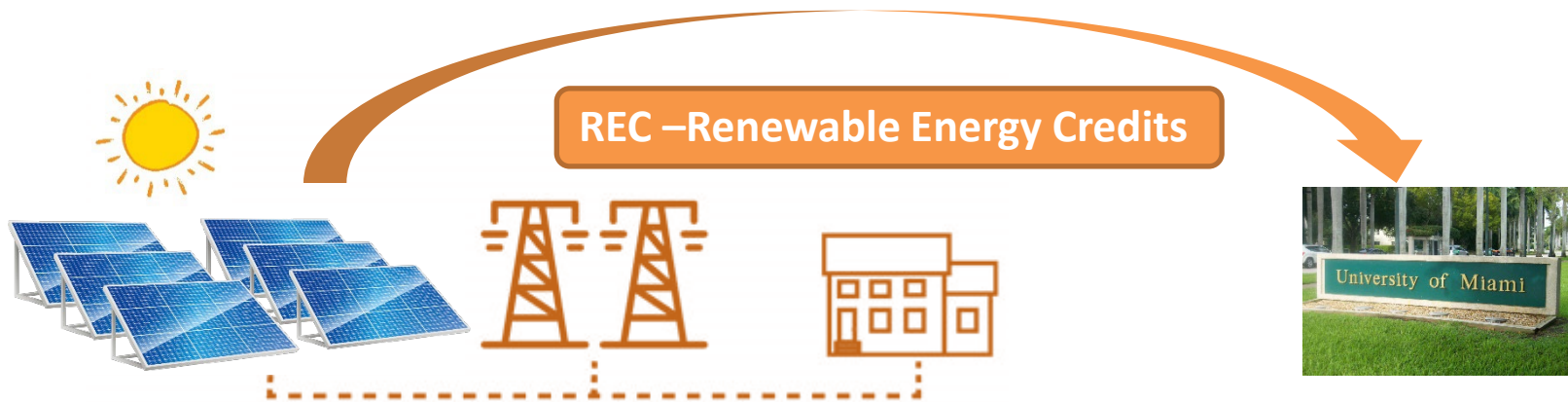
Benefit of this “Offsite Solar Energy agreement”:

- > Our subscription could cover 100% of our energy load
- > No panels on our roofs – no equipment needed
- > No upfront costs
- > Subscription over 30 years: buffer against future price volatility
- > UM retains the Renewable Energy Credits associated with our load and can use it to offset our carbon emissions.
- > “Roof Top Solar energy” is important but even covering every single roof of our campus with PV systems would not be sufficient to match our demand in electricity.



HOW IT WORKS

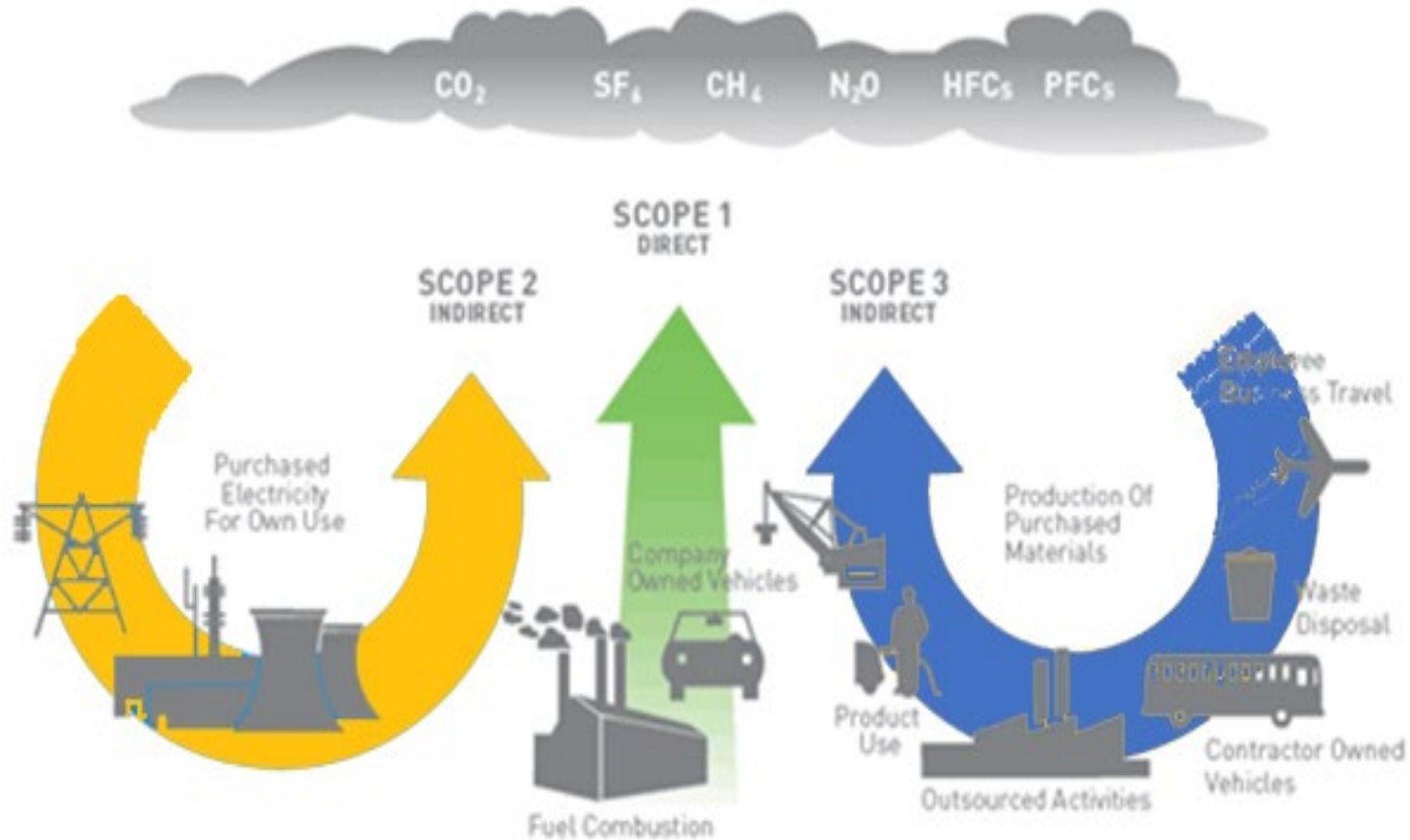
Participants do **not draw power directly** from the community solar energy sites, but rather are billed and **credited for a share or portion of the community solar** to which they subscribe.



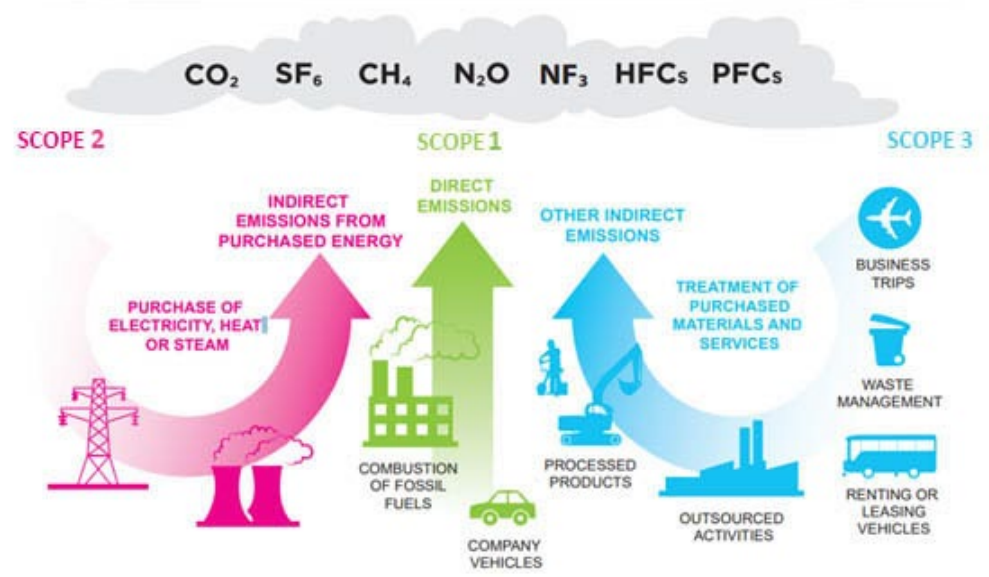
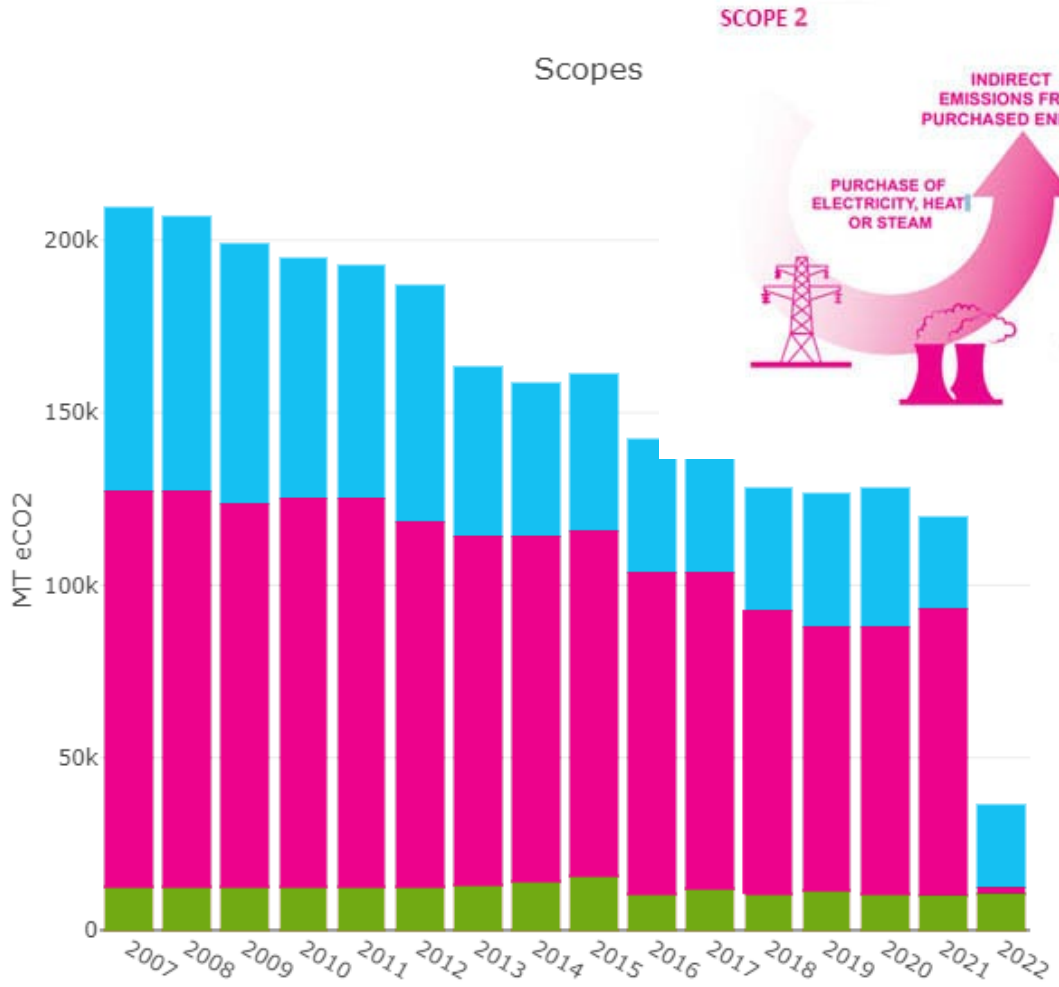
1 REC = 1 Megawatt hour of solar electricity

The 2019 agreement covered 279 Megawatt hours

Carbon Footprint



Our Carbon Footprint



20 % reduction from 2007 levels by 2020: Done
40% reduction from 2007 levels by 2030: On track

Carbon Neutral by 2050

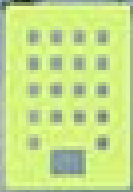
ROOFTOP SOLAR at the U

Student Government ECO Agency installs a 20 KW Solar system on the Hurricane Food Court roof.



90 KW roof top Photovoltaic system at the Fieldhouse Practice Building





Buildings

70 KW Solar System at the Frost Studios North and South