

Energy & Environmental Science

Quantum-Engineered OPV

+25% ETR

(Quantum Enhancement)

750nm
820nm

Foterer
Exciton
waves

Vibronic Resonance

Reaction
Center

Fenna-Matthews-Olson (FMO) protein

+25% ETR
(Quantum Enhancement)

PCE: 18.8%



Eco-Design:
100% Biodegradable