



Cisco and Renewable Energy

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CSR at Cisco

We accelerate global problem solving through our technology and expertise to positively impact people, society, and the planet.

Empower our people and teams to thrive in a digital workforce



People

Scale inclusive social and economic impact around the world



Society

Advance environmentally sustainable growth in a digital world



Planet

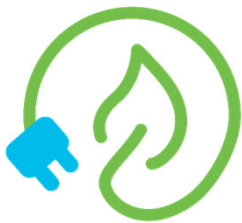
Provide sustainable workplaces and engage employees on sustainability

Amplify Cisco's impacts through leadership and partnerships

Manage and reduce Cisco's environmental impact

GEMS Strategy

GEMS priorities



1

Manage energy and reduce GHG emissions



2

Conserve and replenish water



3

Manage and reduce solid waste



4

Engage employees on environmental initiatives



5

Report progress and inform decision-making



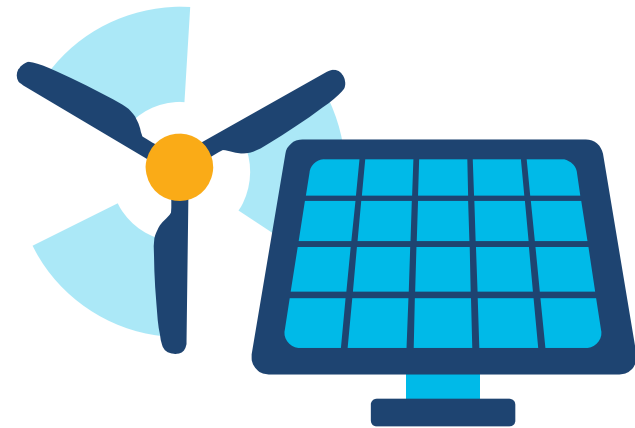
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Advance sustainability through partnerships

Sustainability goals

Reduce total Cisco Scope 1 and 2 GHG emissions worldwide by

60% by FY22, using FY07 baseline



Use electricity generated from renewable sources for at least

85% of our global electricity by FY22

Priority 1

Manage energy and reduce GHG emissions

Control cost through utility bill management and contracting

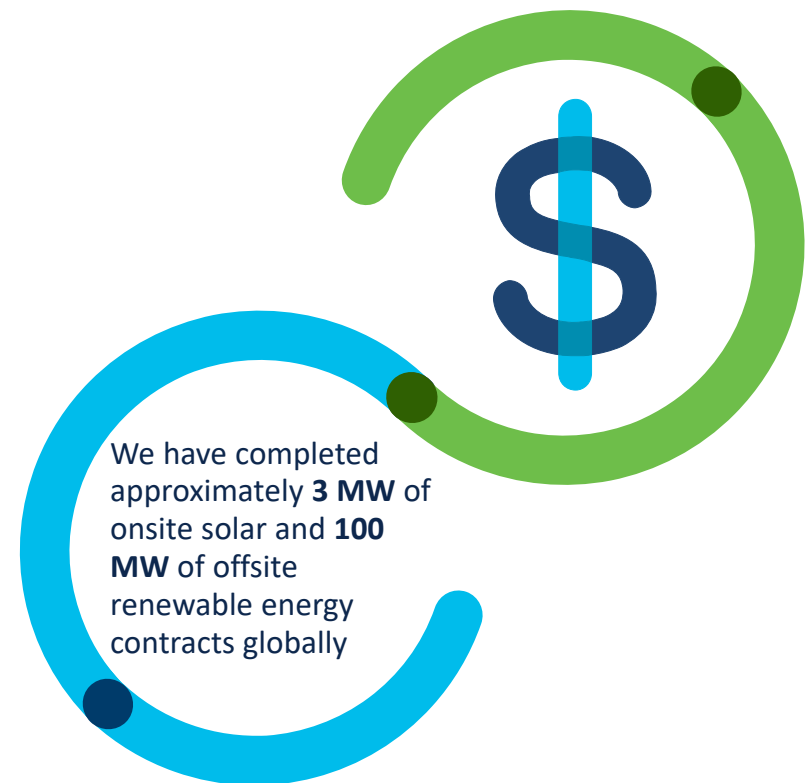
GEMS manages a \$180M annual budget across 340+ buildings and 80+ countries

Reduce cost and GHG emissions through energy efficiency

GEMS identifies and oversees \$8-10M/year in energy efficiency projects

Source renewable electricity

GEMS' strategic procurement decreases cost risk and secures long-term renewable resources for Cisco's operations while also reducing GHG emissions



Priority 1

Cisco's renewable energy roadmap

Leverage Cisco's unique position and talents to scale up renewable energy in the regions where we operate

Continue our journey toward powering our operations with 85% renewable electricity (FY22)

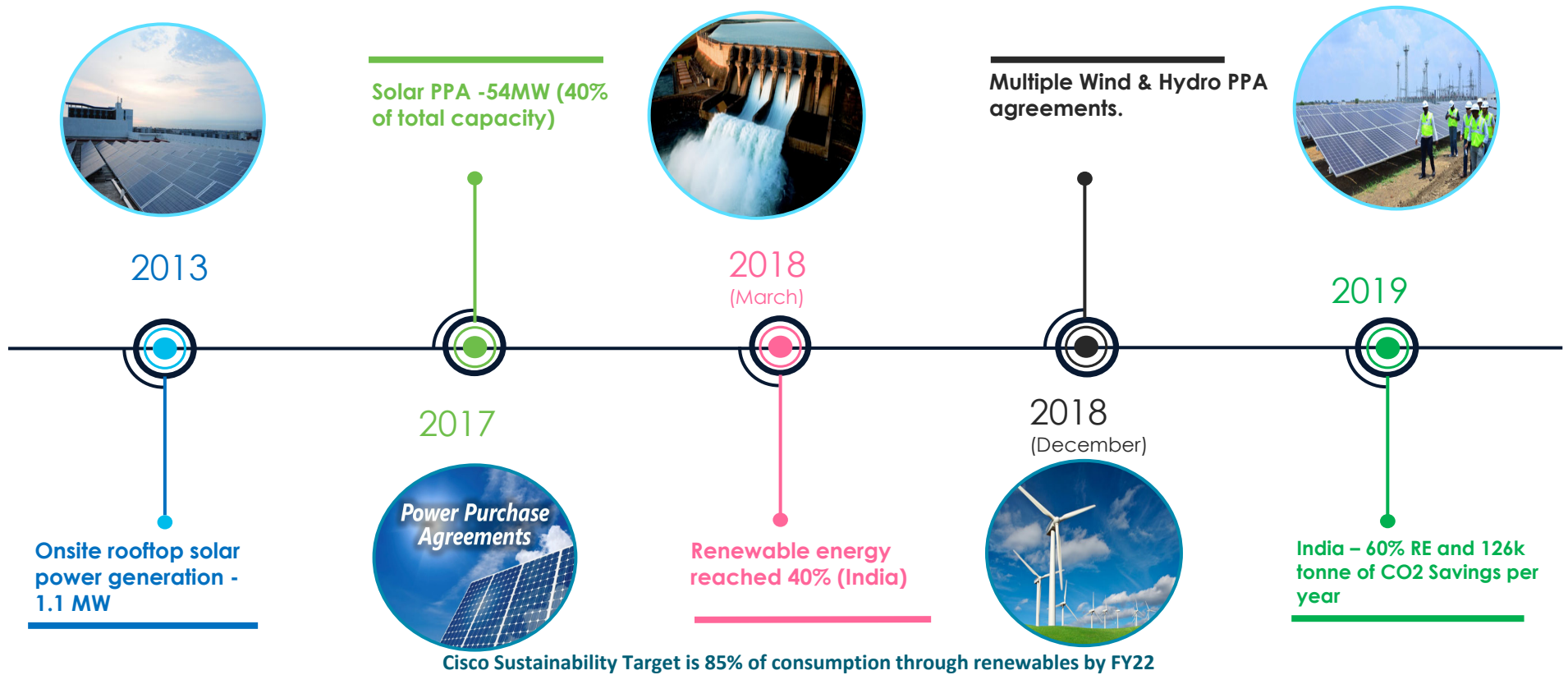
Increase the positive impact of our renewable procurement by purchasing based on a quality hierarchy



Renewable Procurement Hierarchy

1. Onsite
2. Utility Green Power and Offsite Power Purchase Agreements
 - Local and additional
 - Local
 - Additional
 - Not additional
3. Unbundled RECs sourced within nation of load

Cisco's Renewable Energy Journey in India



U.S. case story:

Texas (ERCOT-north) Wind Project

- Contract: 10-megawatts (MW) of power from Mesquite Star, a 419MW/118 turbine wind farm
- Offset Cisco's exposure to market prices and reduce overall electricity spend volatility
- Will produce 40% of Cisco's Texas power consumption per year while producing up to \$300k per year in savings



Key tips for evaluating offsite RE deals

Preliminary Steps

- Talk with other organizations and industry groups with experience in offsite RE deals
- Learn about range of opportunities and pros/cons in your market
- Develop preliminary financial analysis and range of outcomes
- Summarize opportunity and engage internal stakeholders

Your management chain

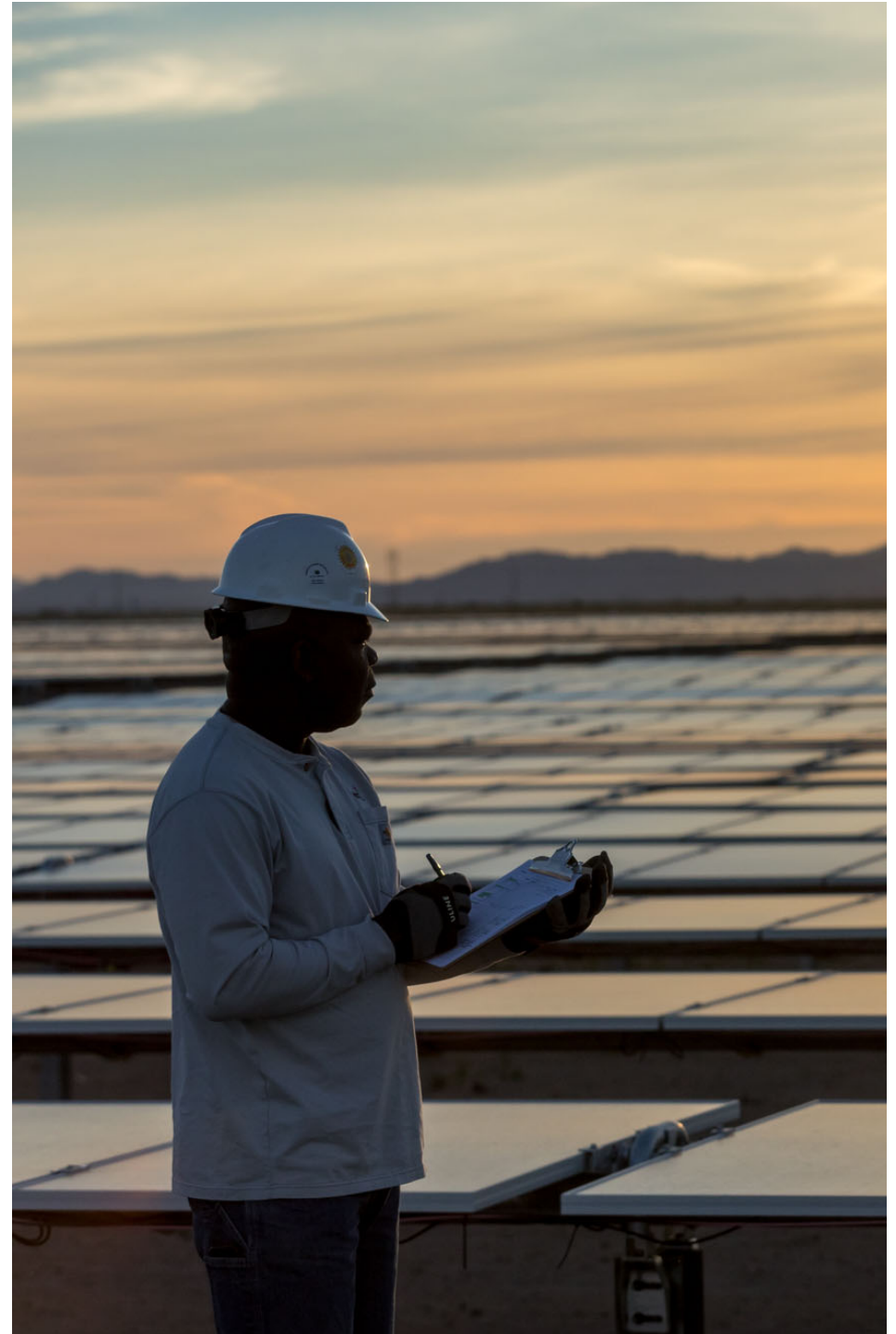
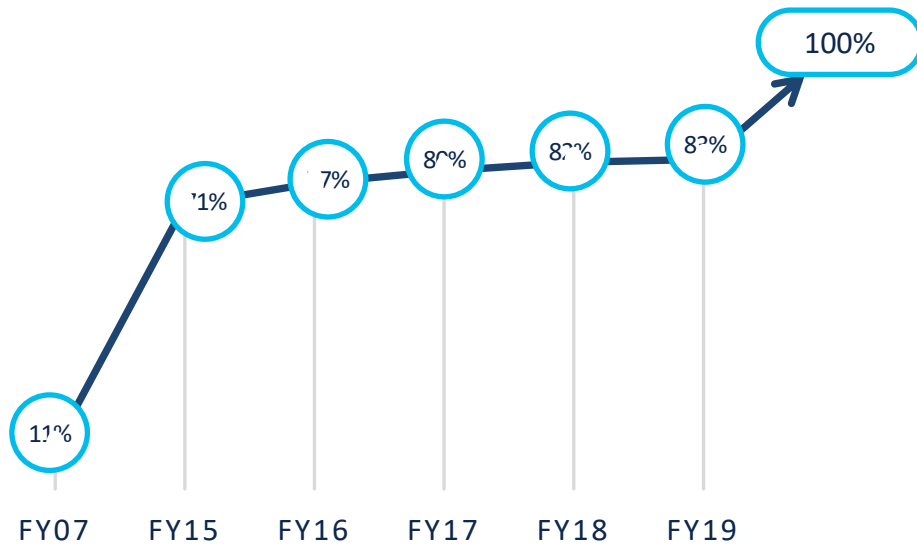
Energy procurement team

Finance, Accounting and Legal

Active Evaluation

- Go out to bid to get an advisor
- Formalize criteria for a deal and develop financial/risk analysis with advisor
- Go out to bid to evaluate all potential deals in your market
- Involve legal to provide guidance on finalists
- Start small and don't be afraid to walk away from a deal

Summary





Questions

Presenters



James Critchfield

Program Manager, Green
Power Partnership

***U.S. Environmental
Protection Agency***



Andy Smith

Senior Manager, Global Energy
Management and Sustainability

Cisco

Open Forum

What is your company's strategy for renewable electricity procurement?

- Goals
- Supply options
- Considerations

THANK YOU!