

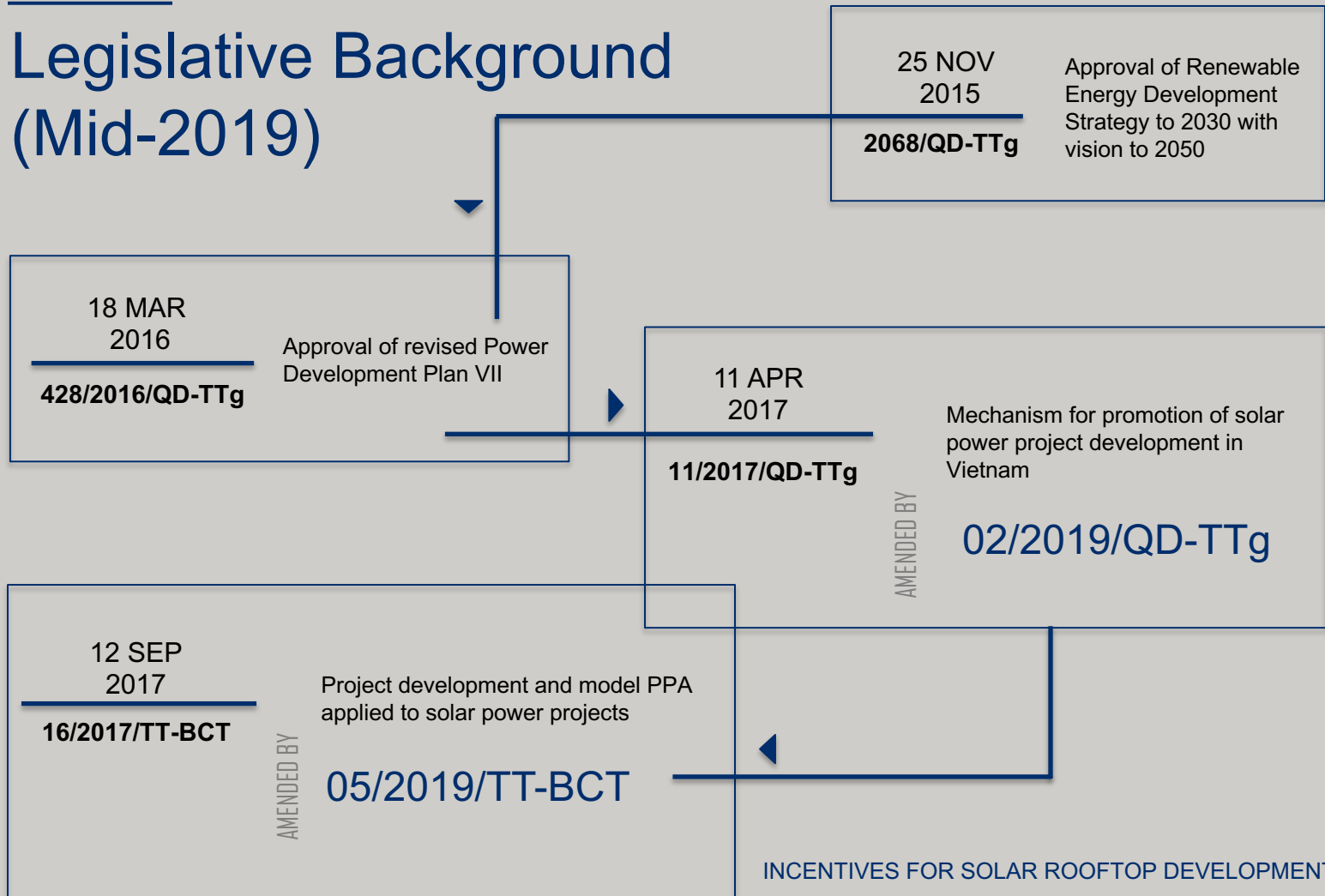


USAID
FROM THE AMERICAN PEOPLE

Growth of DPV and RTS deployment in Vietnam Policy Interpretation

USAID Vietnam Low Emission Energy Program
Duc Nguyen, Renewable Energy Advisor

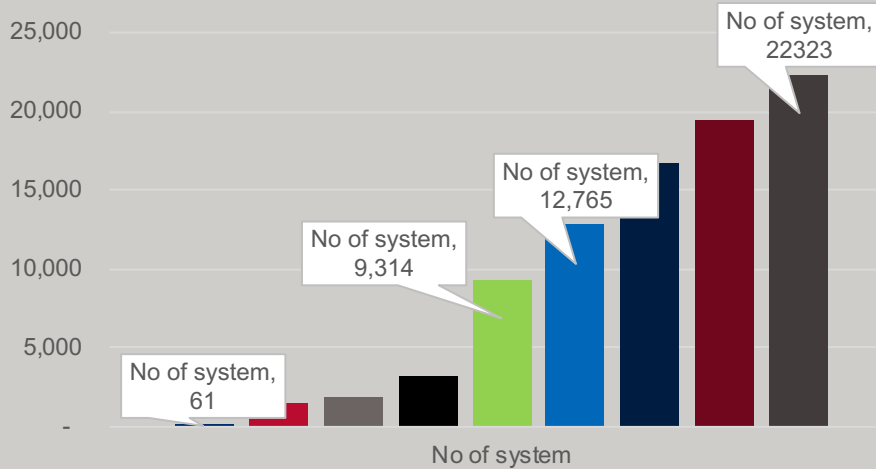
Legislative Background (Mid-2019)



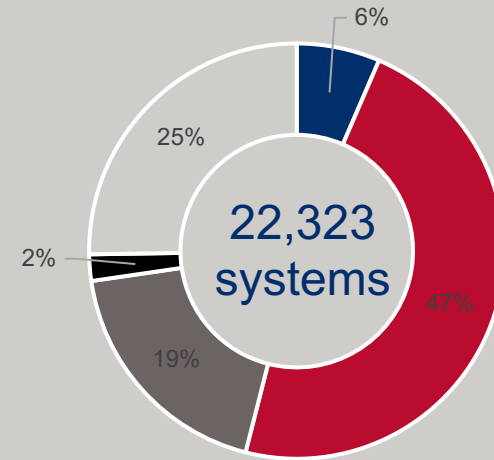
FIT for excess power: 9.35\$/kWh
 PPA validity: 20 years
 Net Metering mechanism (later revised as **Net Billing**)
 COD before June 30th, 2019
 Capacity limit: 1MWp

Market Achievements – 2019

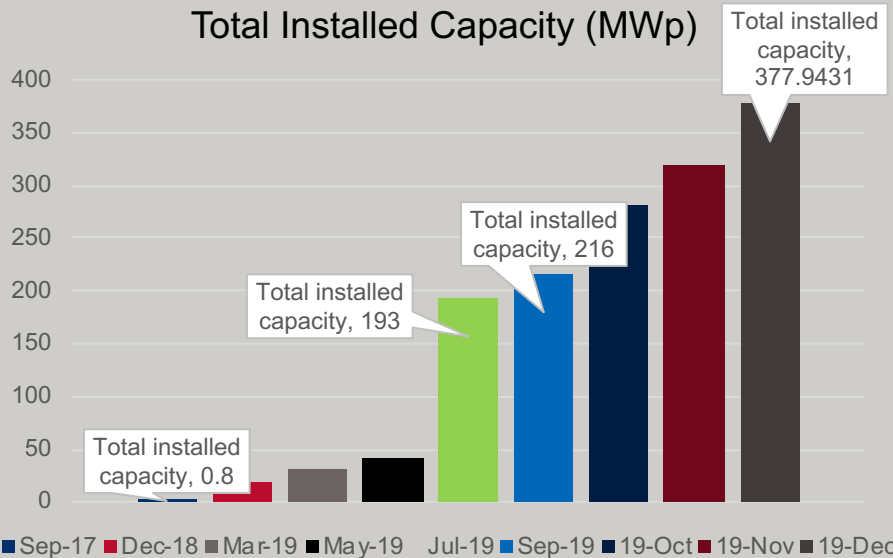
Total RTS system



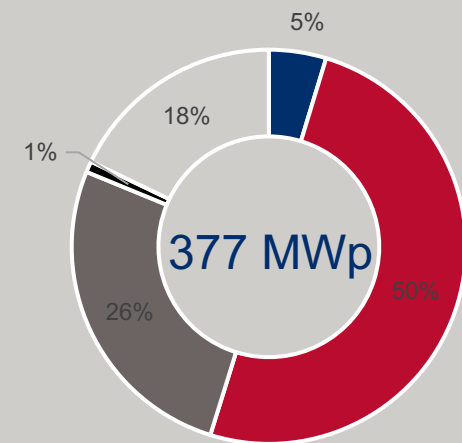
Total installed systems by location



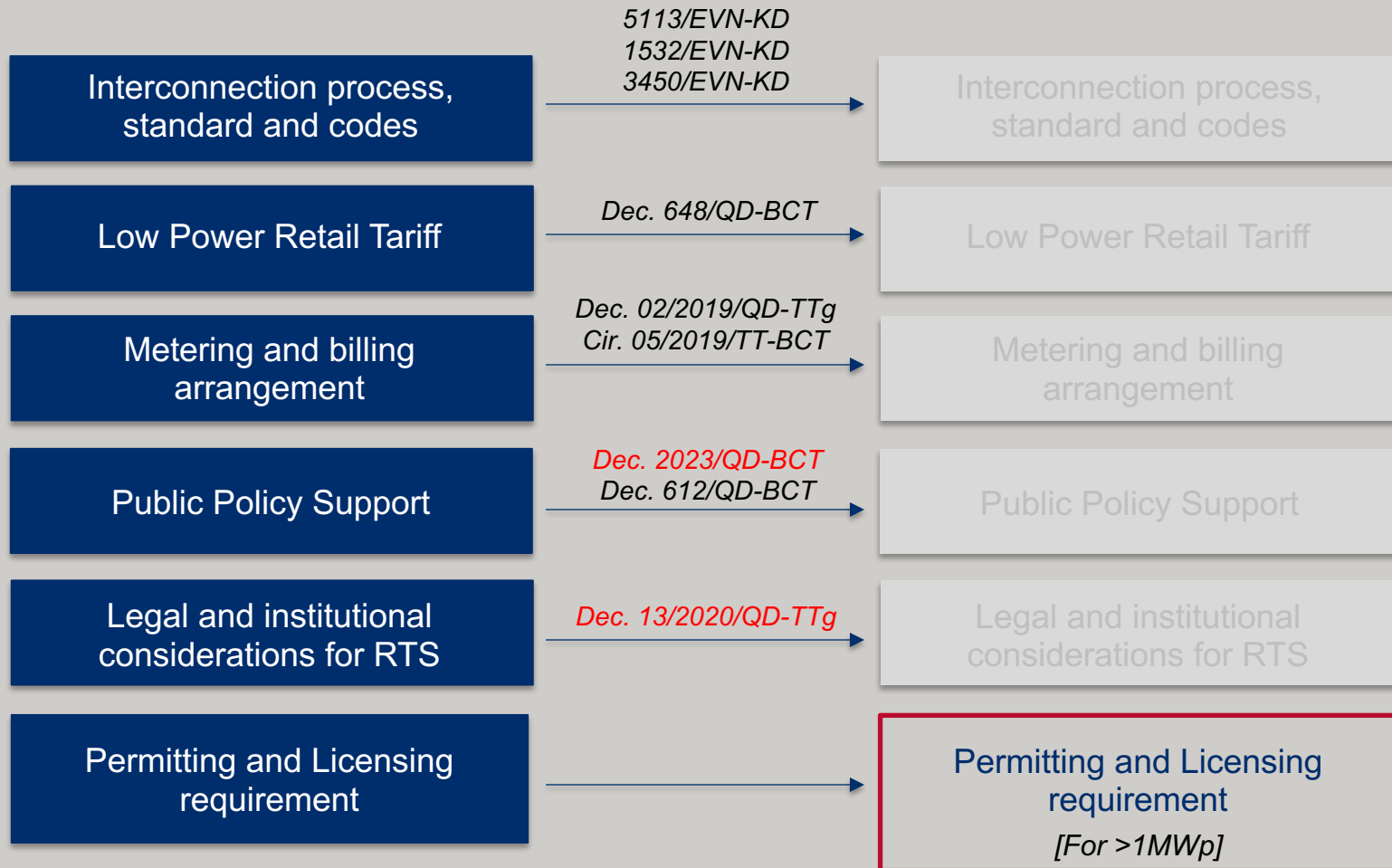
Total Installed Capacity (MWp)



Total installed capacity by location



Barriers to DPV/RTS and Responsive Actions



Decision 13 (dated Apr 6th 2020) Briefings



Unified nationwide FiT at 8.38c\$/kWh

Separate guidance and new definition

Allows other electricity off-takers

Allows private PPA

Monthly payment

Net billing

Lower FiT

Late issuance

1 MWp (*) threshold

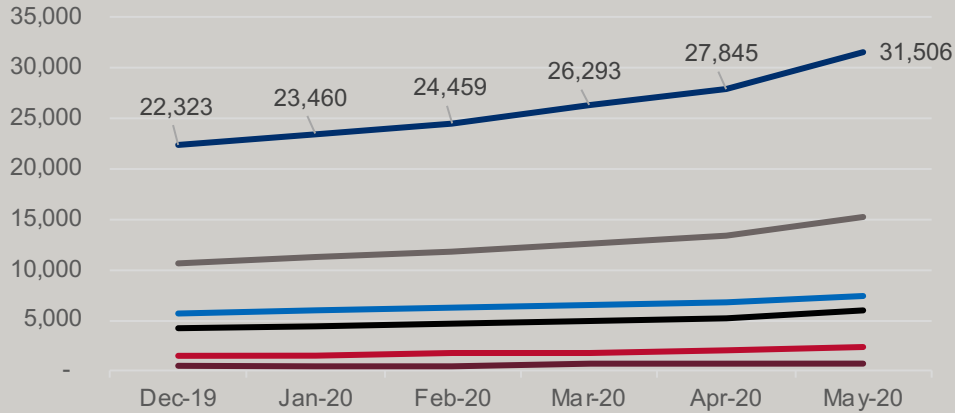
Short effectiveness date

- Reduce readiness;
- Into another gold rush;
- Concern on system price;
- Concern on EPC quality/construction safety

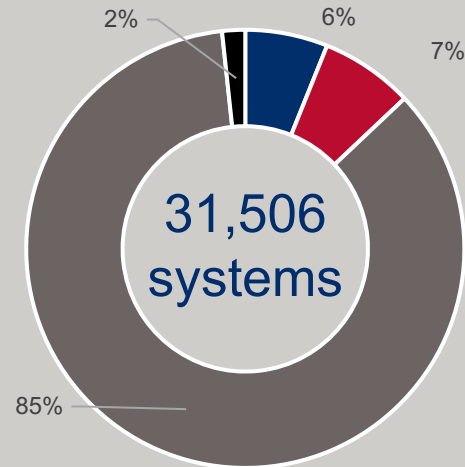
Note: Reference to No. 3641/BCT-DL dated May 21 2020

RTS Market Outlook – YTD

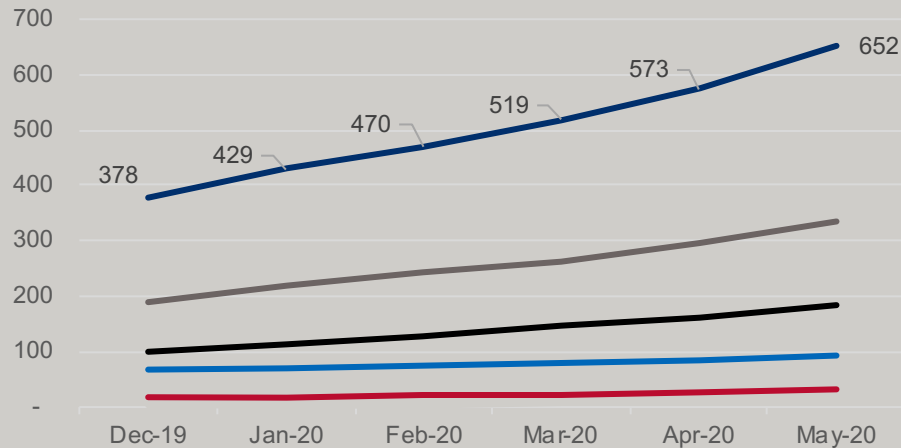
Total RTS Systems



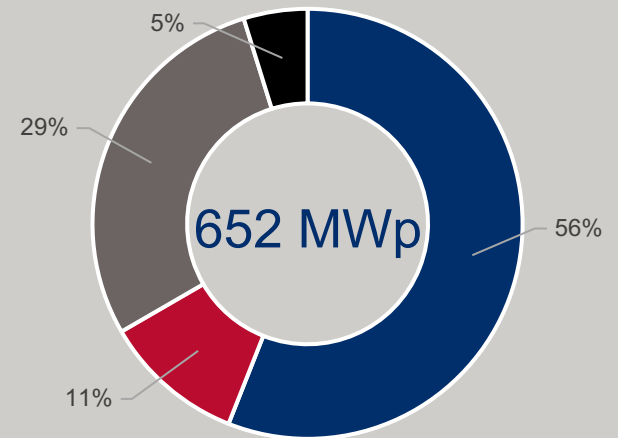
RTS System by Segments



Total Installed Capacity (MWp)



Installed Capacity by Segments



■ Total
 ■ NPC
 ■ SPC
 ■ CPC
 ■ HNPC
 ■ HCMPC
 ■ Industrial
 ■ Commercial
 ■ Residential
 ■ Administrative

Key Takeaways

Long-term vision and comprehensive policies

- To set the policy frame for market development

Atractive incentives

- Necessary to capture attention and investment

Effective and practical supporting mechanisms

- Sufficient, simple, timely, accessible

Awareness raising

- To allow potential participants to understand the benefits of RTS

Flexible program design that enables barriers to be identified and addressed

- Adaptability must be included in programs and policy design

Close collaboration among stakeholders

- Opportunities for donors and the private sector to influence program design and be consulted during implementation



THANK YOU

USAID Vietnam Low Emission Energy Program

Duc Nguyen, Renewable Energy Advisor

Mobile: +84.948889088

Email: duc.nguyenhai@rcee.org.vn