



Increasing the stability of weak-grid renewables in Southeast Asia

INFUNDE – INFRACO ASIA

INFRACO
ASIA

InfraCo Asia provides early stage, high-risk development **funding** to stimulate greater private sector investment in infrastructure development in lower income countries of South and South East Asia

Infunde
DEVELOPMENT

Infunde is the exclusive developer / agent for InfraCo Asia. **Infunde sources and develops projects on behalf of InfraCo Asia** for five countries in South East Asia

Southeast Asian Utilities Want



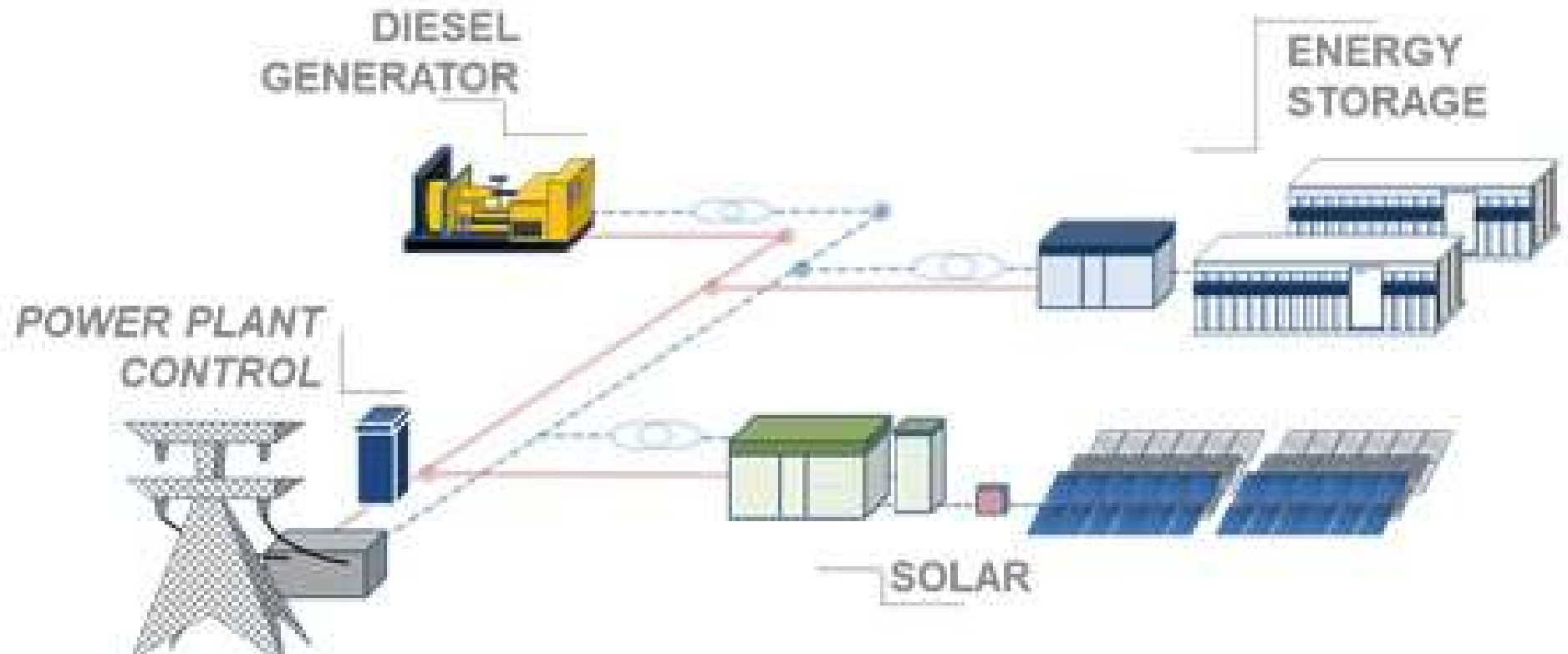
**Low Cost
Power**

**Reliable
Grid**

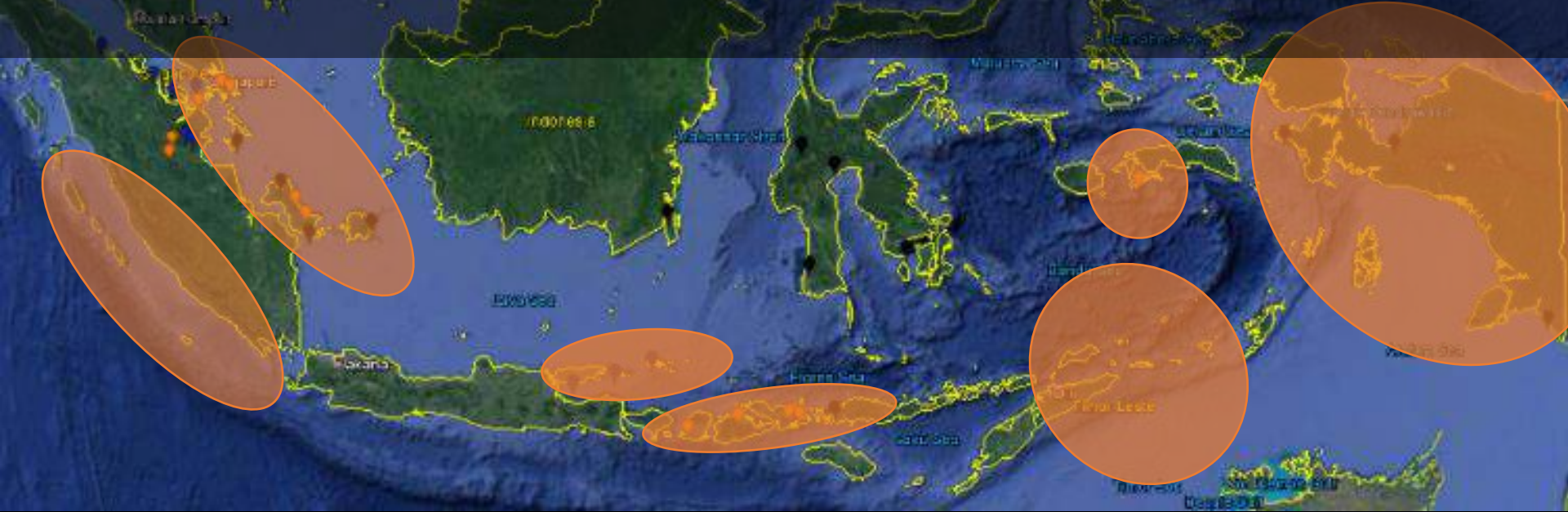
**Fast
Execution**

**Planning
Flexibility**

Weak Grid Hybrid Components



Indonesian Weak Grid Case Study



10+ installations, across the archipelago

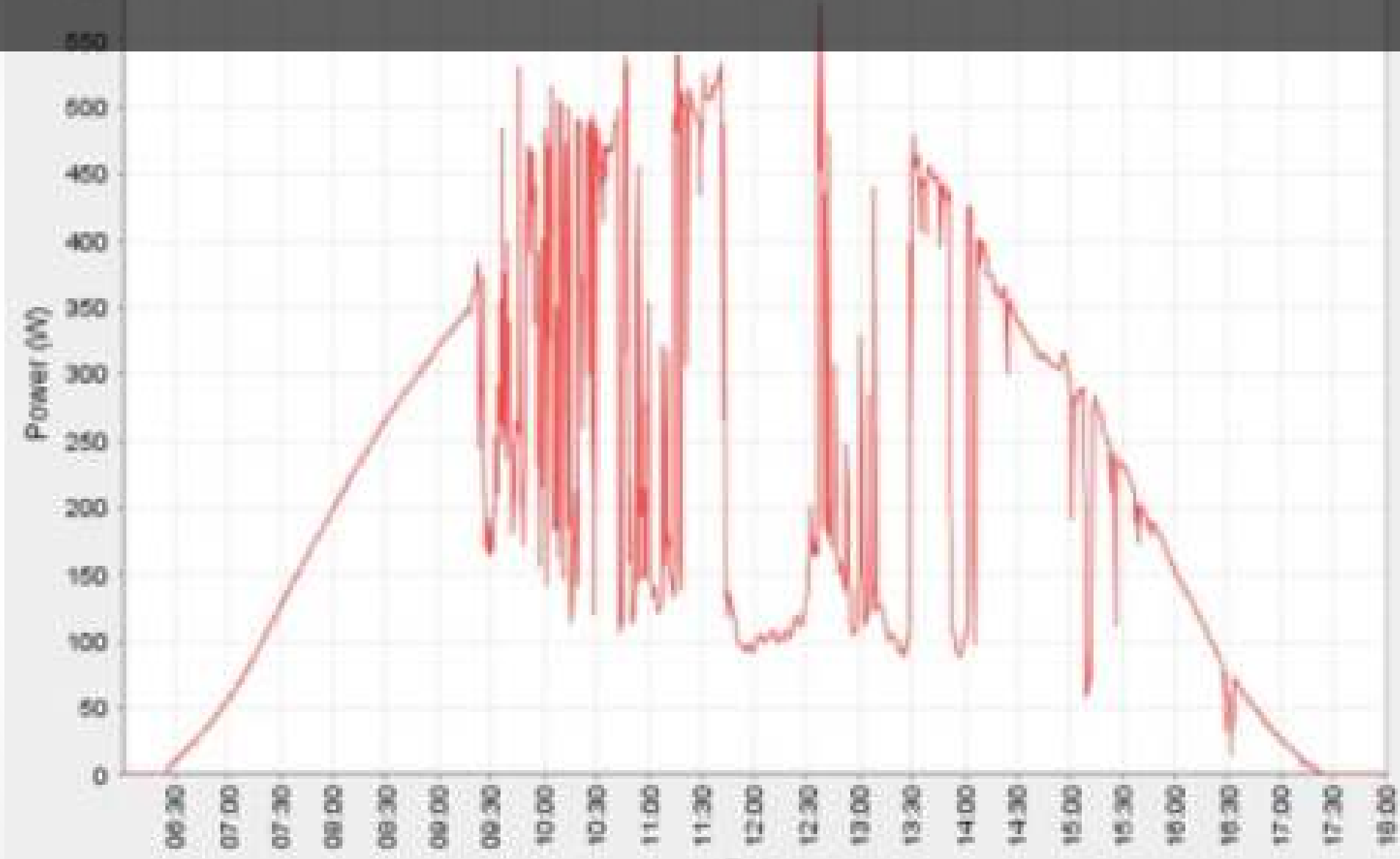
Impacts to grid stability as important as cost

Want flexibility, ability to change planning, tech changing

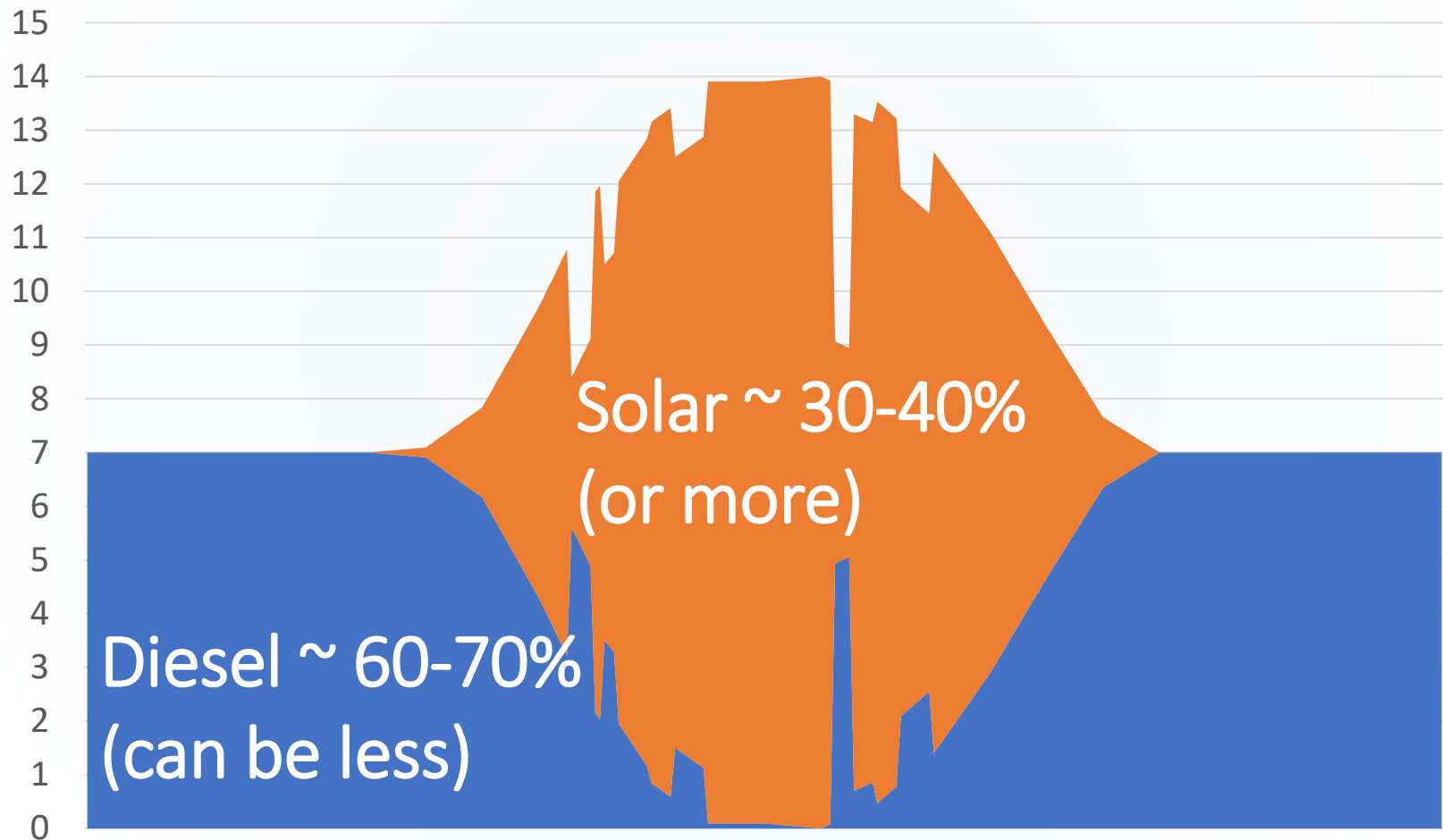
Hybrid tariff design important, a new change

Material savings to integrating hybrid configurations

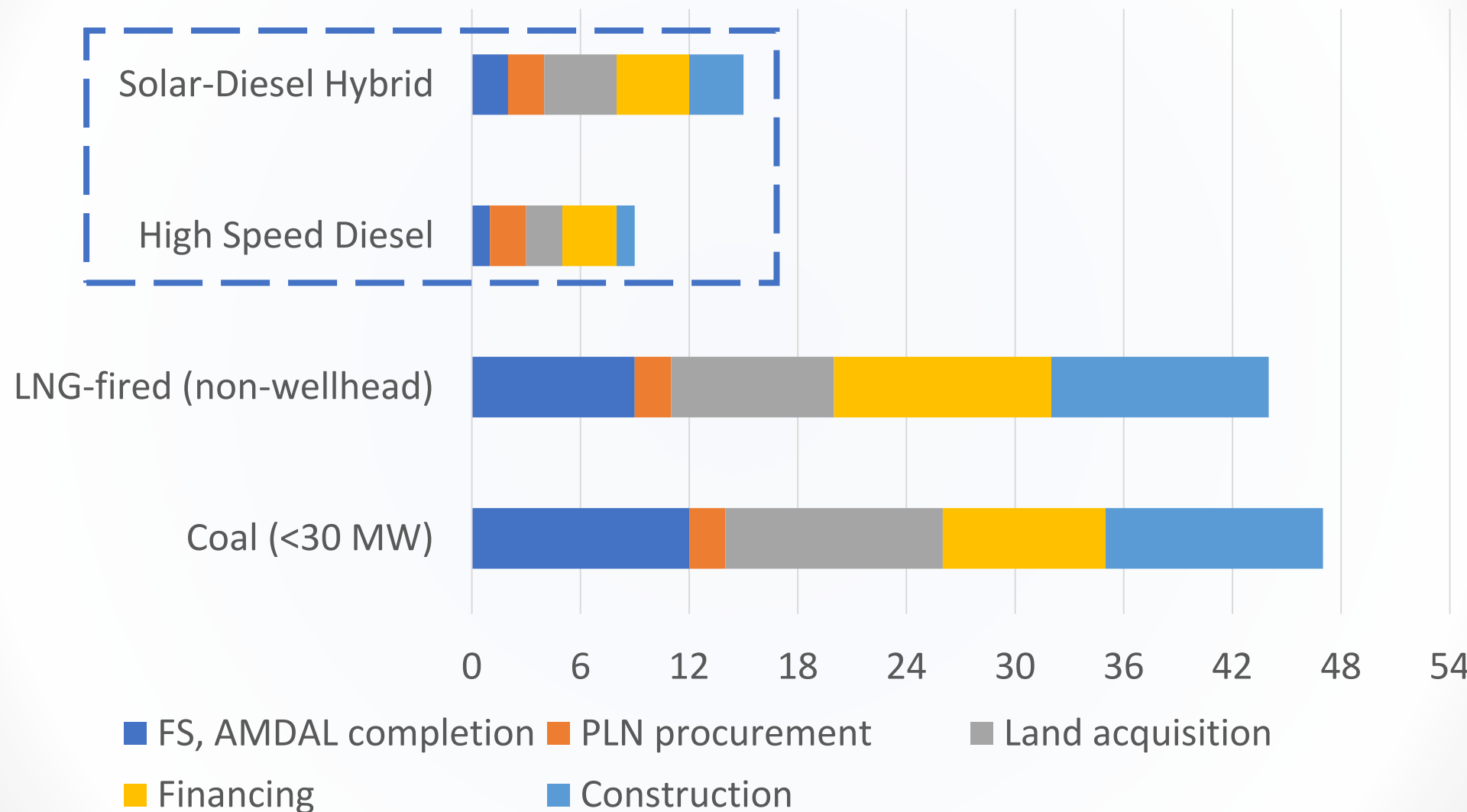
Why Weak Grids Struggle with Renewables





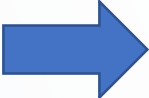









Hybrid Daily Prod'n Profile (MW)



Fast Development Potential (Indonesia)



Weak Grid Offtaker Issues Comparison

| | SOLAR/PV | DIESEL GEN-SETS | HYBRID |
|---------------------------|--|--|---|
| Levelized cost |  |  |  |
| Grid impact risk |  |  |  |
| Implementation risk |  |  |  |
| Planning flexibility risk |  |  |  |

EXCLUSIVE INFRACO ASIA DEVELOPER

Infunde Development is responsible, on behalf of InfraCo Asia for project origination, pre-financial close project development, EPC management and financial structuring activities in Southeast Asia.

InfraCo Asia is a company of the Private Infrastructure Development Group a coalition of donors mobilizing private sector investment to assist developing countries attain infrastructure vital to boosting their economic growth and combating poverty. InfraCo Asia is currently funded by three PIDG members - Australian Department of Foreign Affairs and Trade (DFAT), the Swiss State Secretariat for Economic Affairs (SECO), and the UK Department for International Development (UKAid).



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