

ON TRACK: KEY UPDATES AND INITIATIVES FROM RENEWABLE ENERGY TRACKING SYSTEMS AND TRADING PLATFORMS



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Tuesday, 21 April 1:30-2:15 PM

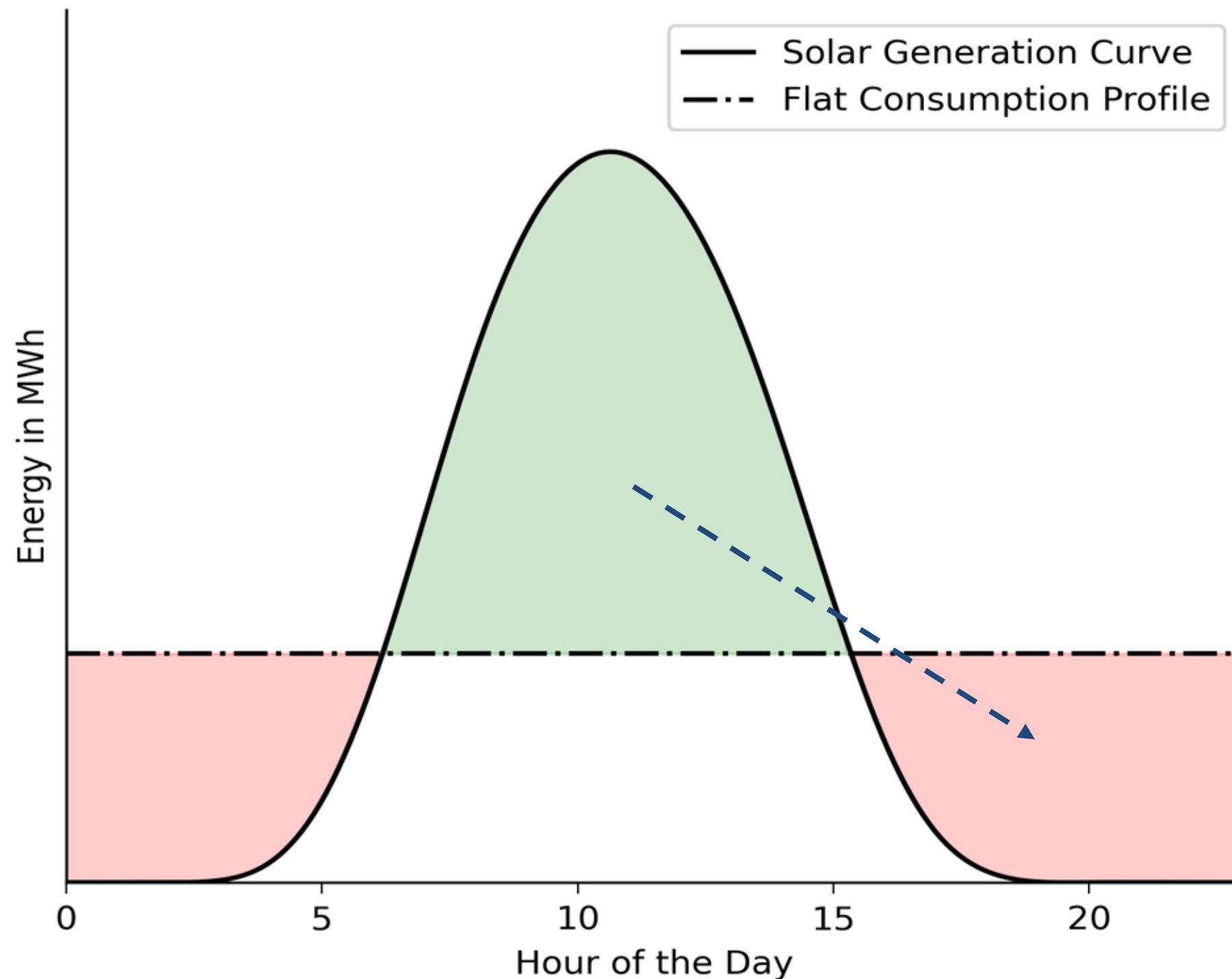


On Track: Key Updates and Initiatives from Renewable Energy Tracking Systems and Trading Platforms

21 April 2026 – Singapore

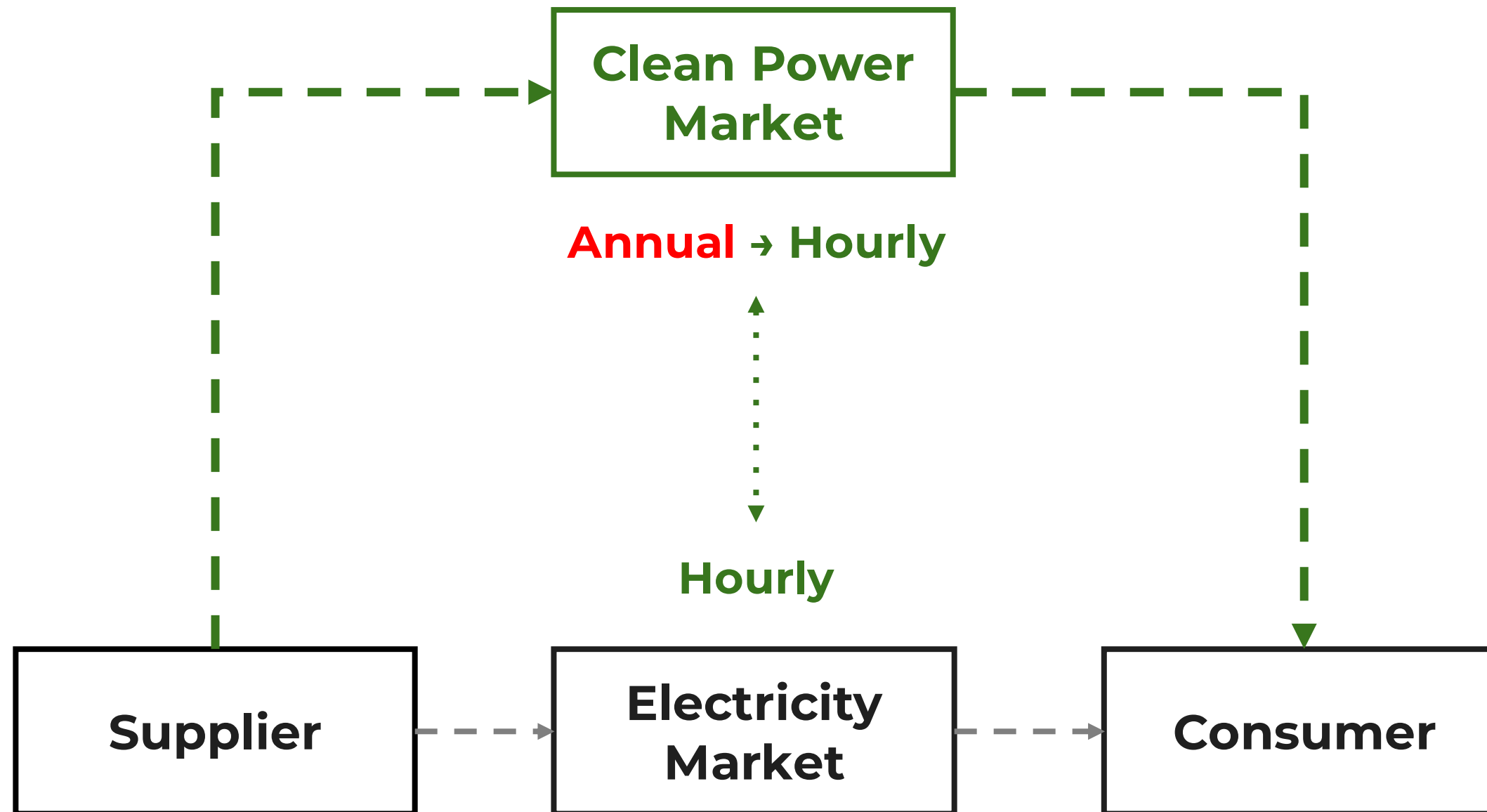
Shailesh Telang
Head of Asia Pacific, EnergyTag

Problem: RE Markets Don't Reflect Reality



- Generation and consumption is matched **annually**.
- A company can be “**solar powered at night**”
- This **negates crucial incentives** for storage or demand flexibility.

Solution: Align Clean Markets with Power Markets



- Global power markets based on (sub) hourly matching for years.
- Aligning clean power markets with power markets fixes the issue.
- The incentive structure long-term more robust.

Round-the-Clock Solar is Coming



“(LCOE) excluding opex works out at **\$55/MWh**. Adding in €10/MWh opex, that increases to **\$65.**” - [Clean Consulting](#)

‘Power even without the sun’: President Marcos Jr inaugurates first ‘solar baseload’ power plant in Philippines

By Andy Colthorpe

September 16, 2025

🌐 Southeast Asia, Asia & Oceania, Southeast Asia & Oceania 🏠 Grid Scale, Connected Technologies

📁 Technology, Market Analysis, Policy



"The power plant pairs a 197MWp solar PV array with a 320MWh battery energy storage system (BESS)." - [Energy Storage News](#)

SECI Awards 1.2 GW RTC Renewable Energy Contracts to Hero, Hexa, Sembcorp, and Jindal

SECI's 1.2 GW auction has awarded 420 MW to top firms to Hero, Hexa, Sembcorp, and Jindal, with reliable solar power backed by storage and interstate connectivity.

May 27, 2025. By EI News Network



“a solar-plus-storage system can deliver 24/7 clean power at over 95% availability for less than 6 INR/kWh” (**\$70/MWh**) - [University of California Berkeley](#)

Hourly Matching is Feasible

46 energy suppliers already offer an hourly matching tariff in markets making up over 70% of global electricity demand.

The State of Hourly Matching

A report by

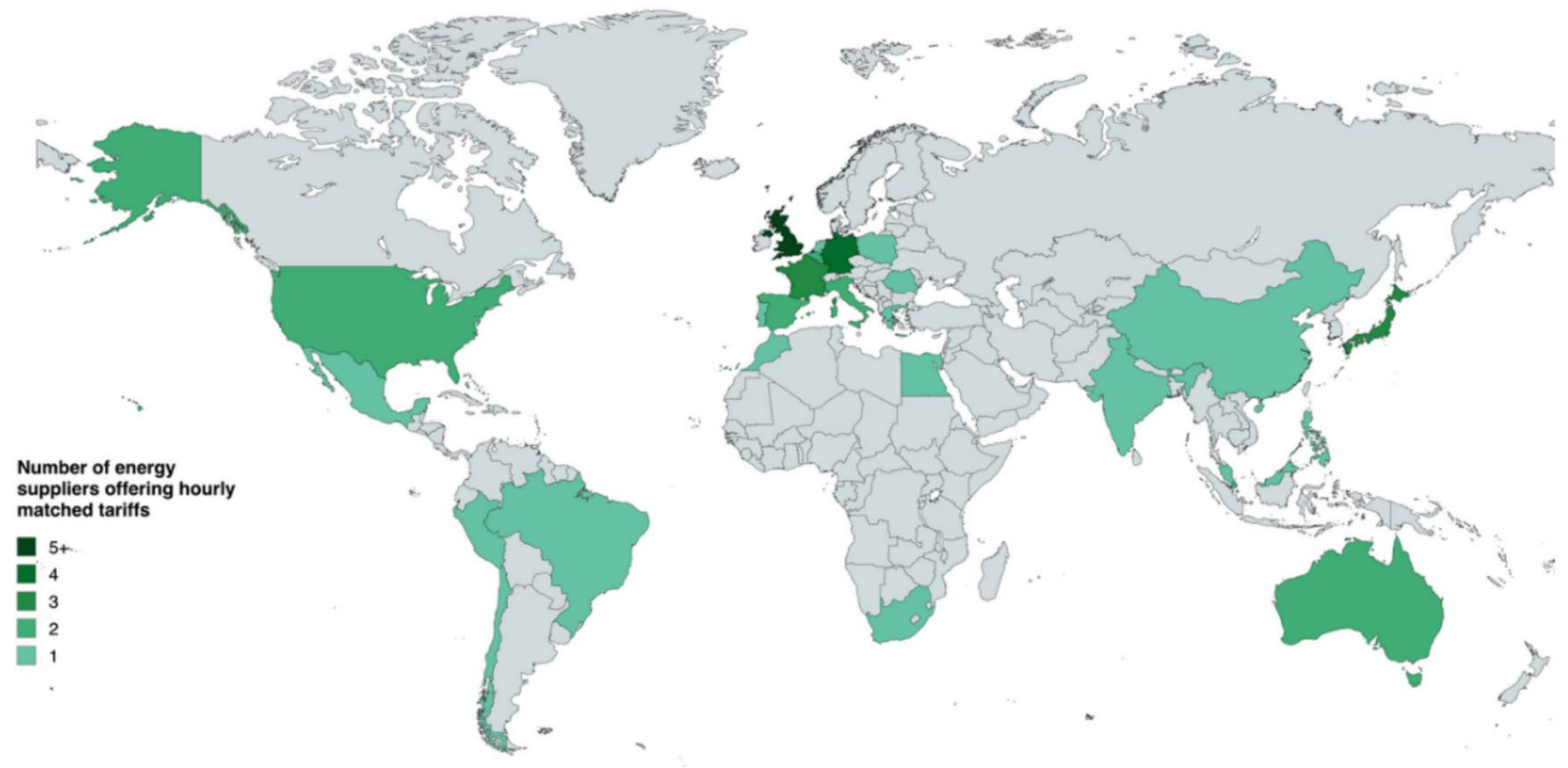
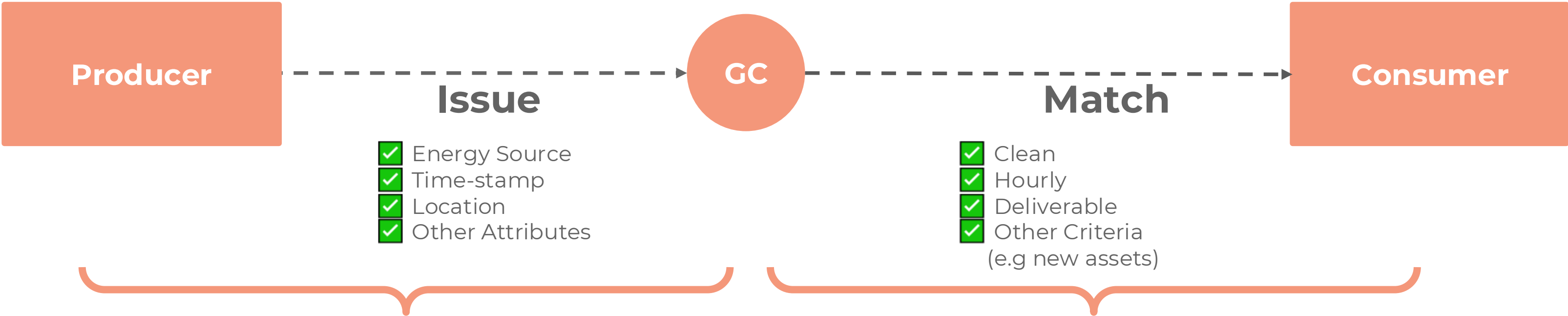


Figure 1: Hourly matching tariff availability in the world, November 2025

Our Open-Source Standards Enable This



The Global Rules of the Game Are Changing

Standard	Description	Timeline
 GREENHOUSE GAS PROTOCOL	→ World's leading standard, used by 90%+ of Fortune 500 → Basis for regulations (e.g.EU' CSRD, IFRS, California)	2027
 SCIENCE BASED TARGETS	→ World's leading target setting initiative, ≈2000 targets → Corporate standard under review incl. Scope 2 elements	2026
	→ World's leading standards organisation, WTO aligned. → Creating 14060 (NZ targets) and updating 14064 (CO₂ Accounting)	2026
	→ Climate Group's newest campaign seeking to build on RE100 → Companies commit to hourly, local matching approaches,	2025+
	→ Renewable Hydrogen Rules already require hourly matching (+exports) → CBAM and Battery Regulation will set tone for global trade rules.	2025+



Thank you

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Ecosystem Expansion and Operator Responses

Roble Velasco-Rosenheim
APAC Director, The I-TRACK
Foundation



Reporting/Disclosure Frameworks Are Introducing New Data Needs:

- **Locationality/deliverability**
- **Temporal granularity**
- **Quality criteria**
- **Supply chain transparency vs Transaction**

Governments Care about Embedded Emissions:

- **CBAM**
- **Cross-Border Electricity**

Disclosing Entities Drive Effort into the Supply Chain:

- **Scope 2 ➡ Scope 3 accounting**
- **Decarbonized commodities**
- **The opportunity is beyond the brand**

THANK YOU!

Roble Velasco-Rosenheim
APAC Director, The I-TRACK
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Renewable Energy MarketsTM Asia 2026

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and Trading Platforms**

John Gemeldeo M. Aquino

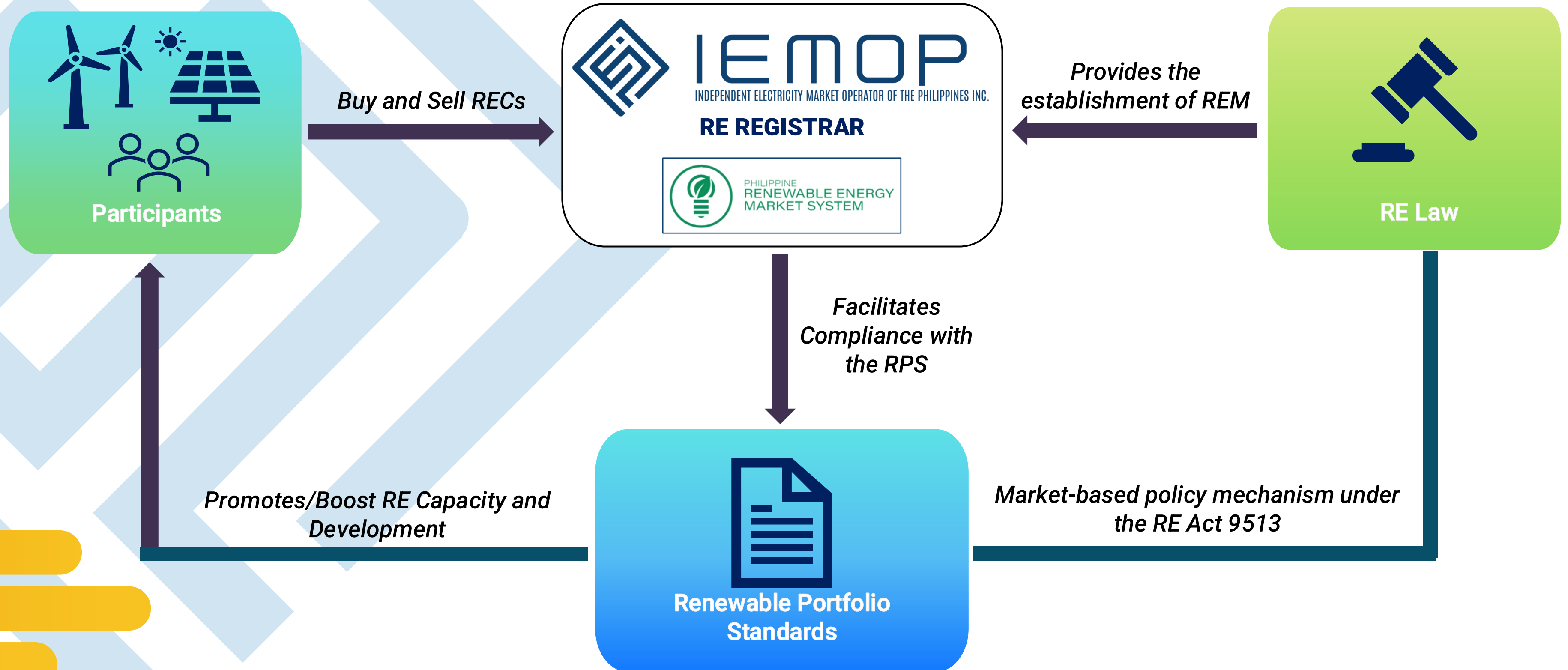
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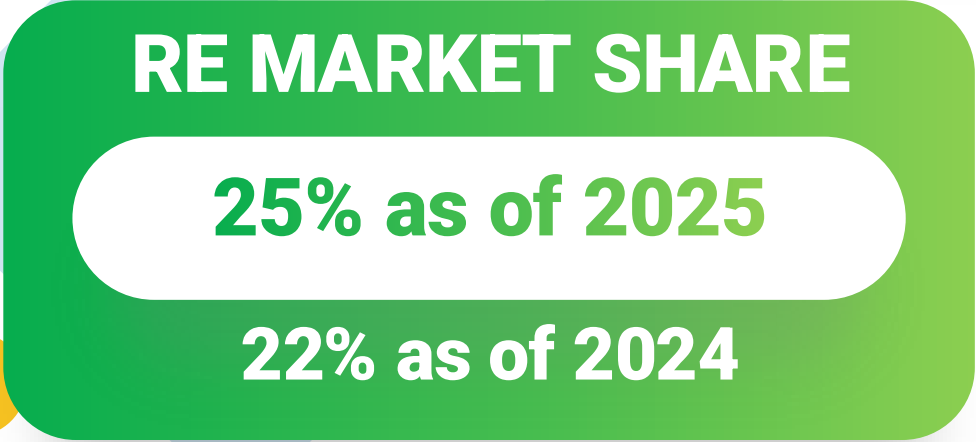
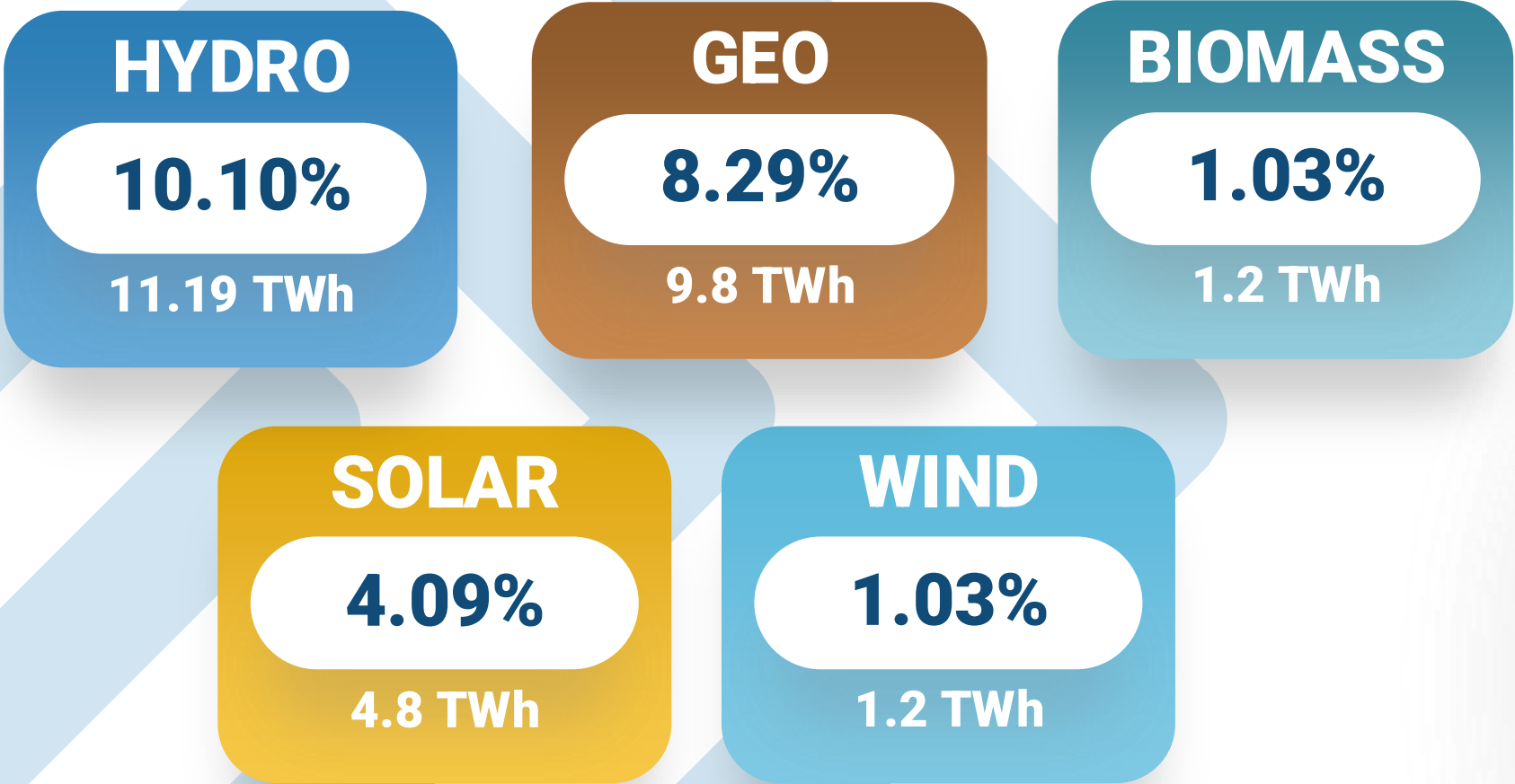
RENEWABLE ENERGY MARKET OUTLINE

The venue for buying and selling Renewable Energy Certificates (RECs), enabling Mandated Participants to meet their annual Renewable Portfolio Standards (RPS) obligations.

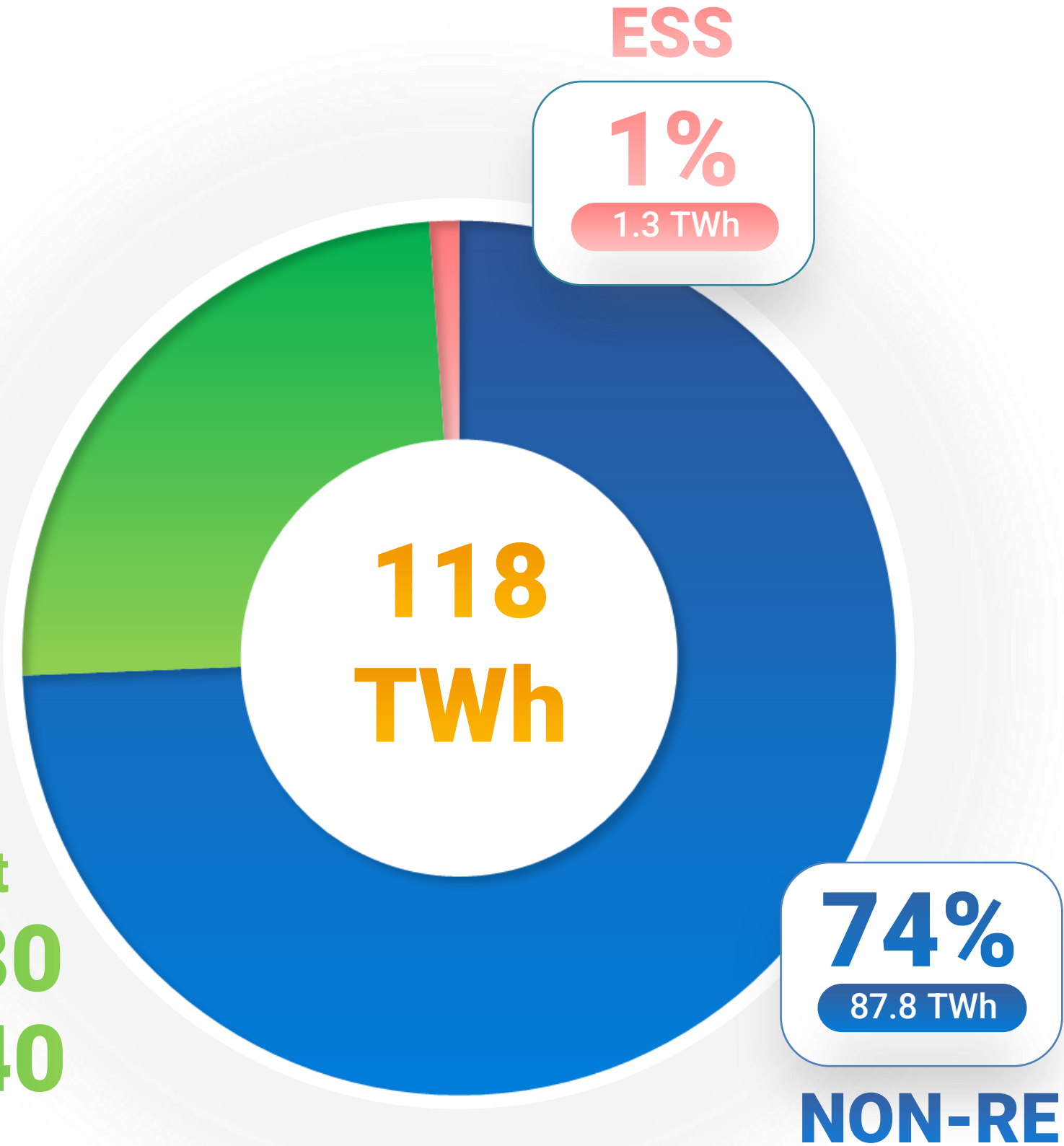


GENERATION MIX 2025

RENEWABLE ENERGY



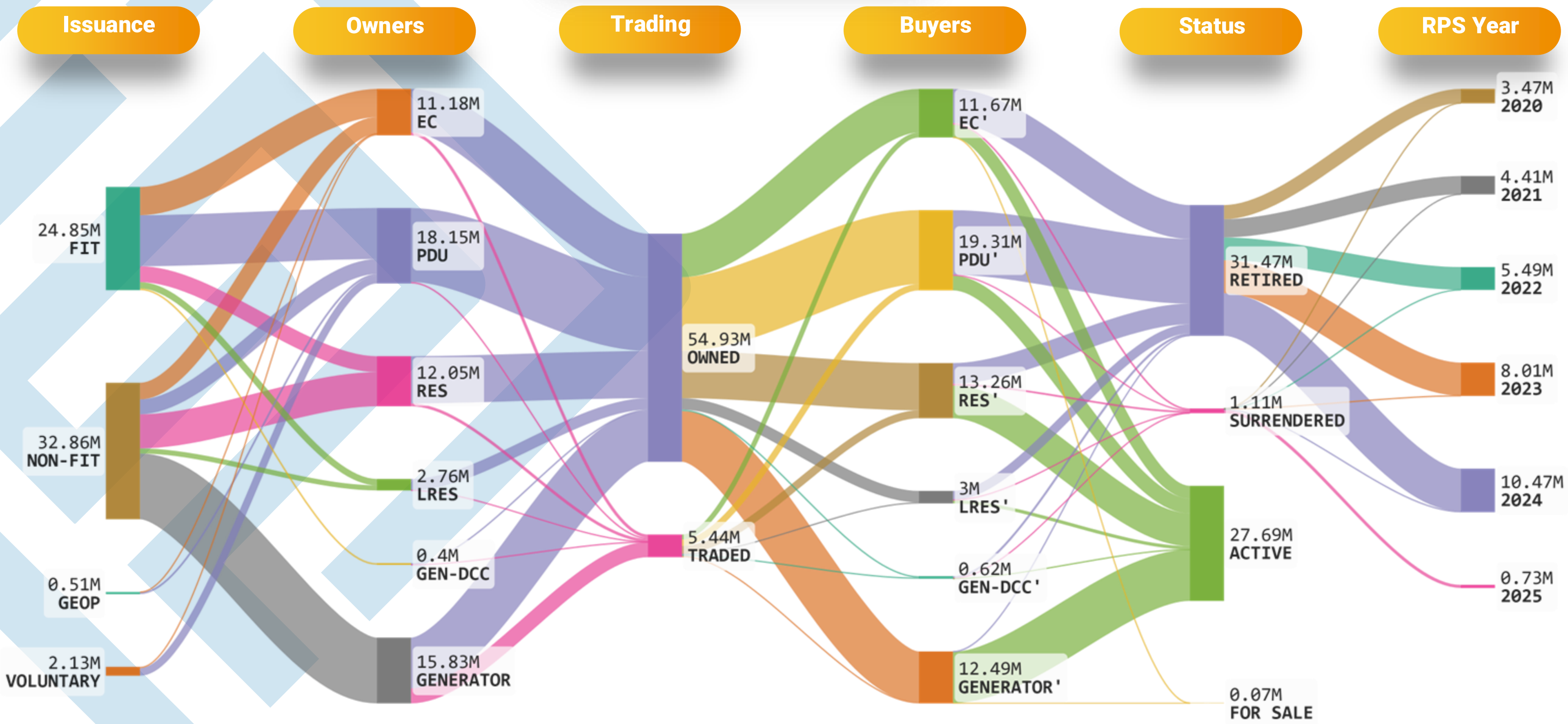
RE Share Target
35% by 2030
50% by 2040



RECS FLOW

60.35 Million RECs

as of March 2026



REC MARKET TRANSACTIONS

as of April 2026

	Sold Price (PHP/REC)	Purchase Price (PHP/REC)
PDU	96	38
EC	144	140
RES	80	58
LRES	50	0
GEN-DCC	53	111
RE GEN	68	82



RPS COMPLIANCE LEVEL 2020-2024

RPS Year	RPS Requirement %	Compliance Level
2020	4.34%	99.61%
2021	5.34%	99.88%
2022	6.34%	99.90%
2023	8.86%	99.75%
2024	11.38%	97.44%

REC ISSUANCE STATISTICS

as of April 2026

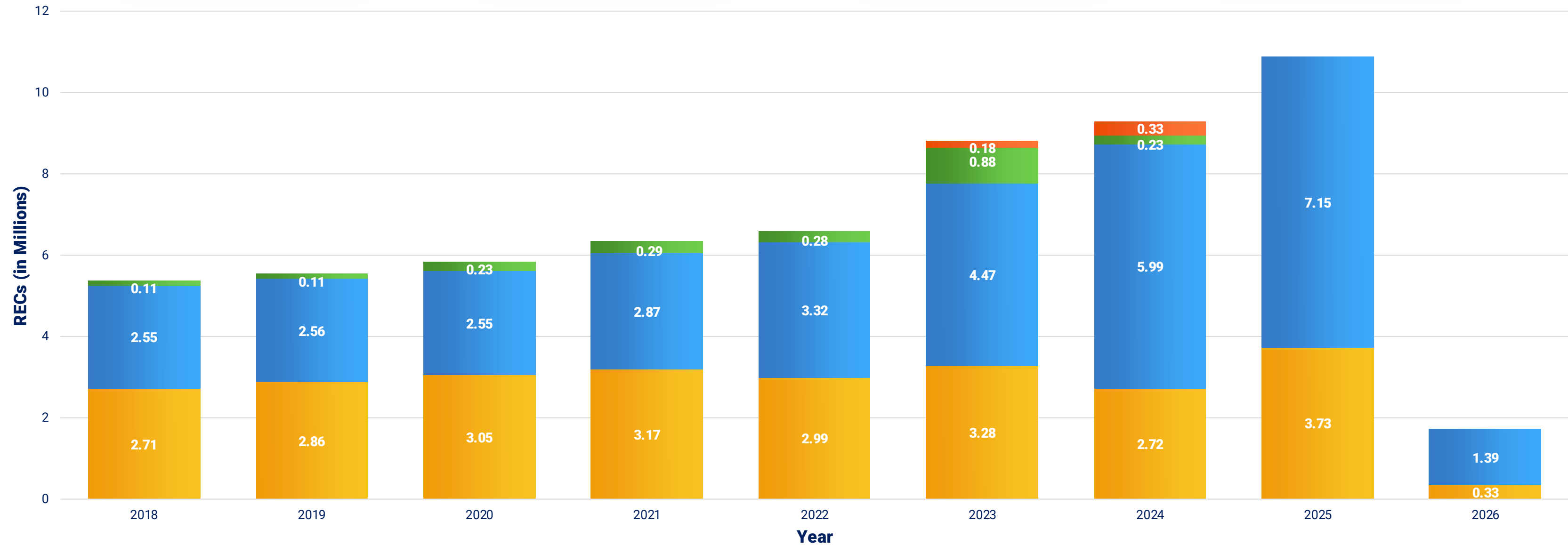
60.35 Million RECs

FIT

NON-FIT

VOLUNTARY

GEOP



Key Programs Driving RE Capacity Growth

1. GEAP (Green Energy Auction Program)

- GEA 1–4 completed
- Upcoming GEA 5 auction by end of 2026

2. Voluntary Renewable Energy Market

- Draft policy framework under development by DOE
- Aims to support integration of intermittent RE into the grid

3. Offshore Wind Development

- DOE advancing offshore wind pipeline
- Policy and regulatory frameworks in progress

4. Policy and Market Reforms

- Strengthening mechanisms to attract private investment
- Enhancing grid flexibility and market readiness



Thank you

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