

CRESS ACCELERATION PACKAGE

- **Enhancing Cost Reflectivity, Transparency and Project Acceleration**

13 October 2026 | Marriott Putrajaya

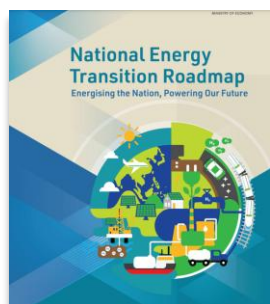


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CRESS framework evolves alongside market developments, industry needs and emerging implementation considerations

- Strengthening the CRESS framework to facilitate implementation while maintaining a balanced approach for all stakeholders



Jul 2024

CRESS Introduced under GREENS MADANI

- Announced by PETRA
- Open access for corporate green electricity
- General T&Cs introduced to industry

1st

Mar 2025

1st Revision: Market & Implementation Clarity

- SAC fixed 3 years (IBR Period)
- Max 15% variation rate
- Contractual requirements refined

3rd

Dec 2025

3rd Revision: Documentation & Implementation Refinement

- BESC definition clarified
- Application flow chart improved
- Clarity: RED, GC, SB, GSO & TNB

★ **1 July 2025:** New Tariff Structure

★ **24 Dec 2025:** First EOI* Received

★ **25 May 2026:** SLU CRESS by PETRA



Aug 2023

NETR Published

- National Energy Transition Roadmap
- Policy foundation for corporate green energy
- Enabled the CRESS mechanism



Sept 2024

CRESS Guidelines Issued

- Guidelines published by ST
- Application framework & roles clarified
- Applications via Single Buyer

2nd

Aug 2025

2nd Revision: SAC Reduced

- **Firm supply:** 20 sen/kWh
- **Non-firm supply:** 40 sen/kWh
- Improved bankability & viability

4th

Oct 2026

4th Revision: CRESS Acceleration Package

- **Fixed SAC for RED** with project COD no later than 31 Dec 2028

Industry feedback

- Industry sought transparent and competitive charges, financing certainty and clearer implementation requirements

SAC review and transparency

Review SAC levels and allocation. Options: fixed rates, cost projections with adjustments, industry proposals and enhanced NEDA.

Project bankability

SAC uncertainty and 10–15-year offtake terms affect financing. Banks seek clearer forecasts and regulatory certainty.

Technical flexibility

Solar oversizing with BESS needs technical and export checks. Biomass thresholds and connection rules need review.

Industry feedback

Grid access and documentation

Publish nodal capacity and clarify PSS. Seek agreements earlier. Finalised land leases remain acceptable.

Offtaker and market arrangements

Current rate without an offtaker: 8 sen/kWh. Industry proposes an SB-managed CRESS Exchange.

Industry confidence

SEMI welcomes engagement, transparency, credibility and a structured review process.

Directions for improving the CRESS program

- Based on the industry feedback

CRESS improvements

Three main components

Economic

CRESS Acceleration Package

Encourage participation through a fixed System Access Charge (SAC), subject to stipulated conditions.

Technical

Project implementation requirements

Update technical requirements for CRESS projects to give industry greater operational clarity.

Guidelines and relevant agreements to be updated.

Procedure

Contract structure and application documents

Update CRESS contracts and application documents to give industry greater certainty and clarity.

To be explained in the next presentation.

Reallocation risk between RED and GC

- Allocate SAC rate between RED and GC in proportion to the risk arising from their respective activities, supporting a sustainable CRESS framework

Economic Illustration



Enhancing SAC Cost Reflectivity, Transparency & Long-Term Certainty

- SAC reflects the underlying cost of providing the service, supporting appropriate cost recovery while enhancing visibility and predictability



CRESS Acceleration Package



Renewable Energy Developers (REDs)

14.0¹
sen/kWh



Green Consumers (GCs)

4.0²
sen/kWh

SAC Component			REDs
1	 Integration & Balancing	Cost of fast-response resources required to maintain system balance with increased RE integrations	6.2
2	 Operation & Regulatory	Cost of managing the electricity system to support the CRESS program	1.4
3	 Market Development	Costs associated with enabling the development and integration of CRESS and other emerging market mechanisms	3.2
4	 System Augmentation	Costs associated with strengthening and expanding the electricity system to support increased RE integration	3.2

GCs	
	-
	1.0
	1.5
	1.5



Notes:

¹ Fixed rate applicable for 10 years from Commercial Operation Date (COD)

² 4 sen/kWh for RP4 and subject to Regulatory Period (RP) review

Participation Criteria for CRESS Program

- CRESS Acceleration Package is open to REDs capable of completing their projects and achieving COD by 31 December 2028

Current

 **20 / 40**
sen/kWh · *firm* / *non-firm*

 **CONTRACT PERIOD**
None

 **PERIODIC REVIEW**
Every IBR regulatory period

 **REVIEW ADJUSTMENT CAP**
15%

 **ELIGIBILITY**
None

 **COMPLIANCE**
None

CRESS Acceleration Package

 **14**
sen/kWh · *firm*

 **CONTRACT PERIOD**
Minimum of 10 Years

 **PERIODIC REVIEW**
Fixed rate for 10 years from Commercial Operation Date (COD)

 **REVIEW ADJUSTMENT CAP**
None

 **ELIGIBILITY**
COD no later than 31st December 2028

 **COMPLIANCE**
Termination of the package applies to projects with COD after 31st December 2028; the prevailing SAC rate applies

THANK YOU



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