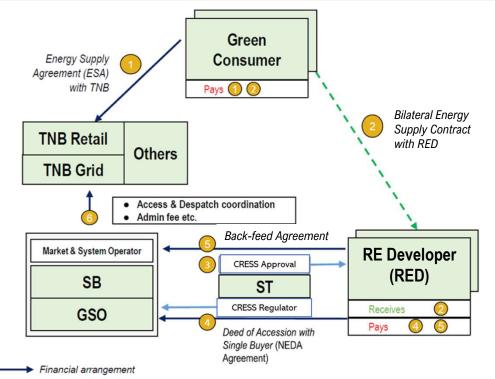


PROGRAM "CORPORATE RENEWABLE ENERGY SUPPLY SCHEME" (CRESS)

TAKLIMAT

PRESS RELEASE 26 JULY 2024



- - - > Corporate Contract arrangement

Green Consumers

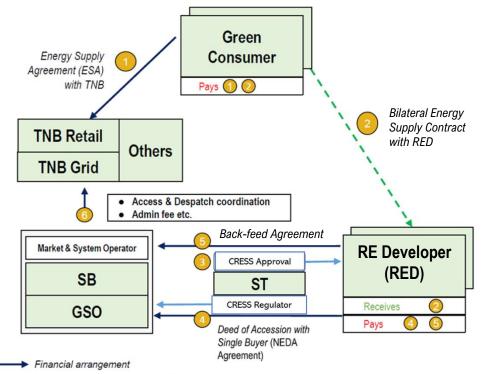
- Local green consumers
- HV & MV connection consumers (new demand for both existing and new TNB customer, limit at connection points)
- May consumes energy from TNB during the unavailability of imports from RE Developer
- May source Green Electricity from multiple RED

B RE Developer

- Electricity output from GEP must be firmed
- May supply energy to multiple Green Consumers
- CRESS application are to be made to Single Buyer through NEDA
- Single Buyer will bill the System Access Charge to RE
 Developer



PRESS RELEASE 26 JULY 2024



^{- - - -} Corporate Contract arrangement

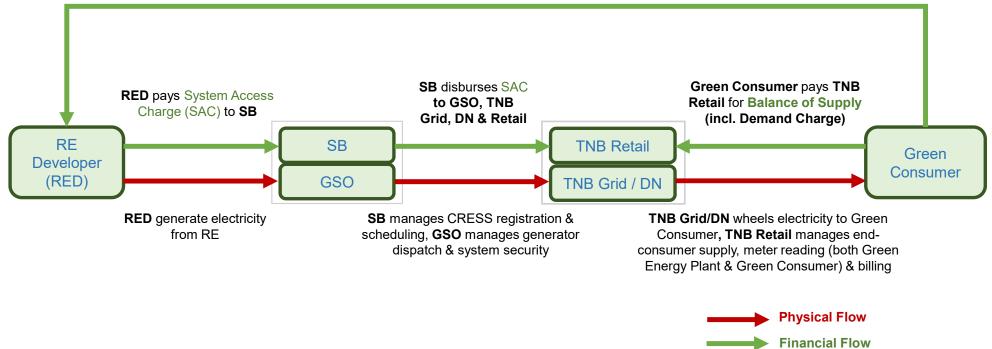
Description of TPA Framework

- Billed on gross demand and net consumption from TNB
- 2 Billed as per Bilateral Energy Supply Contract between RE Developer and Green Customer
- 3 Approval and condition to participate as RED from ST; ST as regulator for CRESS
- Billed on System Access Charge (SAC) from Single Buyer
- **IDENTIFY and SET UP:** Billed on consumption from TNB (including back-feed)
- Distribution of SAC to relevant parties



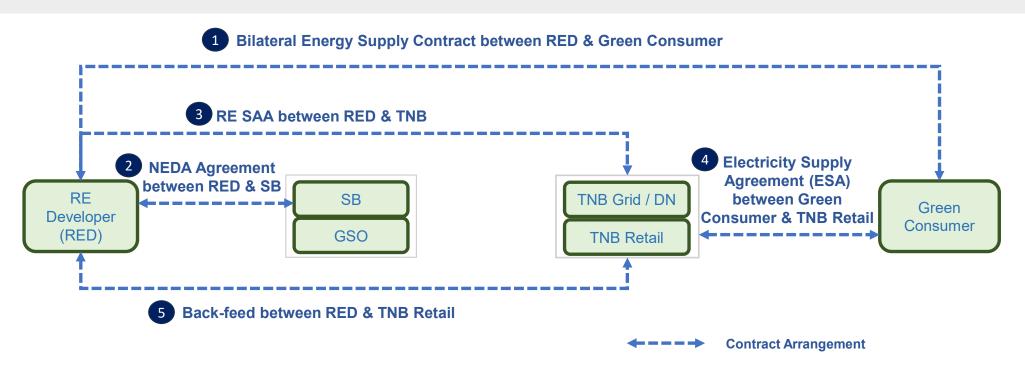
PHYSICAL AND FINANCIAL FRAMEWORK

Green Consumer pays agreed Energy Price to RED





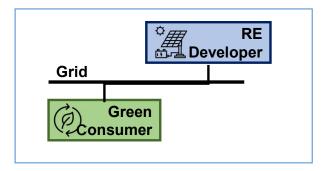
CONTRACTUAL FRAMEWORK





CONNECTION ARRANGEMENT

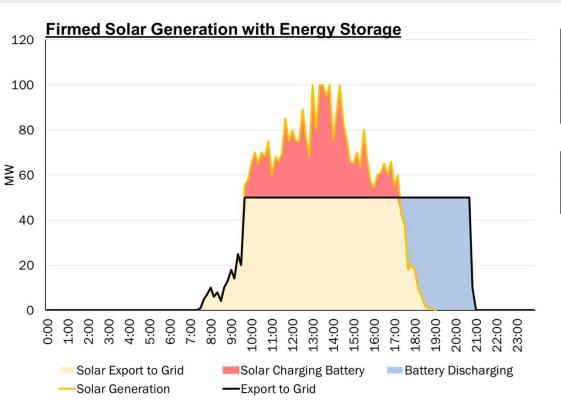
Direct Connection of Generator to Grid



- ✓ Only direct connection is <u>allowed</u>
- ✓ Clear export and wheeling concept
- ✓ Clear total export energy monitoring
- ✓ Clear participant management under NEDA
- ✓ Clear collection of SAC



ENERGY OUTPUT FROM RED



Solar energy exported to Grid	433 MWh	71%
Solar used to charge battery storage	176 MWh	29%
Total	609 MWh	100%

Storage energy exported to grid	150 MWh	100%
Total energy export to Grid	583 MWh	

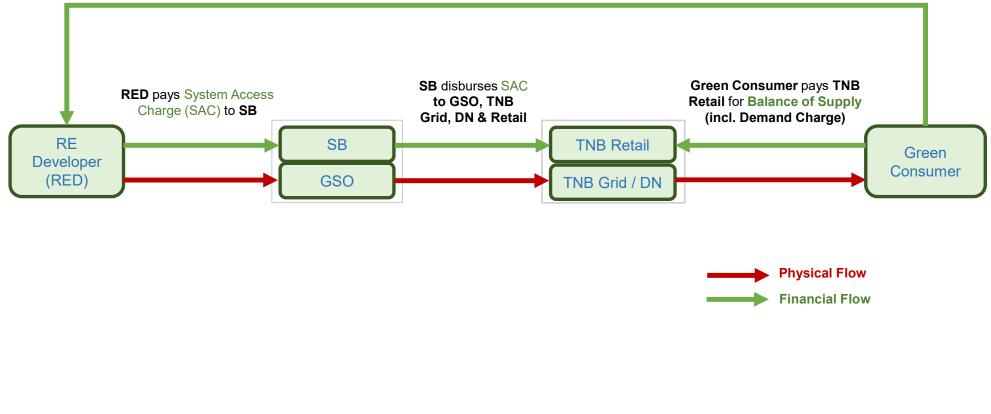
*Note: Round-trip energy for storage is at 85%. The solar energy used is equivalent to approximately 3.5 hours 50MW battery capacity.

The charge and discharge operations of the ESS should be initiated in a staggered manner across all ESS assets. This approach will facilitate the management of grid system changes and ensure optimal integration with grid operations.



CRESS MECHANISM – SCENARIO 1: BAU

Green Consumer pays agreed Energy Price to RED





CRESS MECHANISM – SCENARIO 2: GC UNAVAILABLE





SYSTEM ACCESS CHARGE

