Brazil: national replication context

This annex summarises key national regulatory and market conditions relevant to replicating FEDECOM in Brazil. It complements Chapter 7 of the [FEDECOM Replication Playbook](#) and [Online Self-Assessment Tool](#) by providing country-specific details on legal and regulatory frameworks impacting FEDECOM solution implementation. This information is current as of August 2025 and is intended as guidance only — users should consult local experts and authorities to confirm regulatory feasibility. NB: *Non-EU context. EU energy community concepts do not formally apply.*

Step 1. Ability to perform individual self-consumption

1.1 Individual self-consumption framework in place

- **Framework in place:** Yes 🟢
- **Legal framework:** Law No. 14.300/2022 (Distributed Generation Legal Framework); ANEEL Normative Resolutions
- **Comment:** Individual self-consumption is fully enabled through distributed generation. Surplus electricity is compensated via net-billing mechanisms.

Step 2. Ability to create an energy community

2.1 Creation of a Renewable Energy Community

- **Framework in place:** No 🔴
- **Legal framework:** No dedicated legal instrument
- **Comment:** Renewable Energy Communities as defined under EU law do not exist in Brazil.

2.2 Creation of a Citizen Energy Community

- **Framework in place:** No 🔴
- **Legal framework:** No dedicated legal instrument
- **Comment:** There is no legal recognition of Citizen Energy Communities.

2.3 Creation of a CSC arrangement

- **Framework in place:** Yes 🟢
- **Legal framework:** ANEEL shared generation rules under Law No. 14.300/2022
- **Comment:** Collective self-consumption is enabled via cooperatives or consortia. Energy sharing relies on virtual net-billing arrangements.

Step 3. Ability to engage in energy sharing (CSC)

3.1 Process to register an energy sharing scheme

- **Framework in place:** Yes 🟢
- **Legal framework:** ANEEL and distribution utility registration procedures
- **Comment:** CSC schemes must be registered with the local distribution utility. Cooperative or consortium structures are required.

3.2 Energy sharing coefficient available

- **Framework in place:** Yes (static) 🟠
- **Legal framework:** Virtual net-billing rules under ANEEL regulation
- **Comment:** Energy sharing is based on predefined static allocation shares. Dynamic coefficients are not supported.

Step 4. Ability to create an inner-community P2P market

4.1 Price differentiation within the community

- **Framework in place:** No 🔴
- **Legal framework:** Electricity retail supply licensing rules
- **Comment:** Community members cannot freely set internal electricity prices.

4.2 Availability of the dynamic sharing coefficient

- **Framework in place:** No 🔴
- **Legal framework:** No dedicated legal instrument
- **Comment:** Dynamic or real-time sharing coefficients are not supported.

4.3 Ability to communicate the coefficient ex-post

- **Framework in place:** No 🔴
- **Legal framework:** No dedicated legal instrument
- **Comment:** Ex-post modification or communication of sharing coefficients is not foreseen.

4.4 Alignment between the frequency of sharing coefficient communication and the timing of ex-post communication

- **Framework in place:** No 🔴
- **Legal framework:** No dedicated legal instrument
- **Comment:** No regulatory mechanism aligns allocation updates with settlement timing.

Step 5. Ability to enable inter-community energy exchange

5.1 The ability to create a structure covering several energy communities sets

- **Framework in place:** No 🔴
- **Legal framework:** No dedicated legal instrument
- **Comment:** There is no legal structure allowing multiple CSCs to exchange energy.

5.2 Consistency between these requirements and CSC rules

- **Framework in place:** No 🔴
- **Legal framework:** No dedicated legal instrument
- **Comment:** CSC rules apply strictly to single cooperative or consortium arrangements.

5.3 Recognition of the hierarchical allocation method

- **Framework in place:** No 🔴
- **Legal framework:** No dedicated legal instrument
- **Comment:** Hierarchical or multi-level allocation methods are not recognised.

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