

**Pilot-projects approved under article 78  
of the Network Operation Code for the electricity sector**

**(Regulation n. 816/2023, of 27 July)**

#	Promotor	Project name	Description	Other information	Situation
3	<a href="#">REN – Rede Elétrica Nacional</a>	<b>Pilot-Project for the delivery of Frequency Containment Reserve (FCR) service.</b>	<p>Establishment of technical requisites of FCR, namely, in terms of monitoring of the compliance of the FCR service delivery.</p> <p>According to no. 10 of article 49 of ROR, REN has to present ERSE a proposal of rules for the market of FCR service.</p>	<p>Concerning technical requisites it is intended to:</p> <ul style="list-style-type: none"> <li>• Validate technical requisites</li> <li>• Tests and monitoring of the compliance of the service delivery</li> <li>• Identification of failure to delivery</li> <li>• Control methodologies definition</li> </ul> <p>More information and the <a href="#">presentation</a> of the workshop session available in the <a href="#">internet page of REN</a>.</p>	<p><b>Project ongoing</b></p> <p>Start: 22/1/2025</p> <p>Deadline: March 2026</p>

2	<a href="#">E-Redes – Distribuição de Energia, S.A.</a>	<b>Flexibilidade Integrada em Regime de Mercado” (FIRMe)</b>	Fostering local flexibility markets and integrating flexibility alternatives as compliment to network investment. Project required by n. 12 of article 78 of ROR.	Three services were developed, applicable to specific situations and locations: - <i>Restore</i> , response to failure events in the network (Bragança, Beja, Marinha Grande, Bombardeira, Vila Nova de Milfontes); - <i>Dynamic</i> , response to congestions originated by scheduled maintenance of network elements (São Martinho do Campo); <i>Secure</i> , management of peak demand in normal grid conditions (Paredes de Coura, Tondela).	<b>Project ongoing</b>  Start: 22/12/2023  Deadline: December 2025
1	ERSE (Pilot regulation)	<b>Pilot-project for demand participation in the regulation reserve market</b>	The goal is to ensure equal treatment in participation of qualified consumers, or their representatives, in the regulation reserve market.  The pilot-project is open to participation by any consumer qualified by the TSO, which is able to offer at least 1 MW and is connected to the network in medium voltage or higher.	From 13/03/2024, with the beginning of the mFRR service by REN, following the revision of MPGGs by Directive 19/2023, of 26 <sup>th</sup> December, the participants of the pilot-project started operating in the system services market.  The project had a specific regulation: - Diretiva n. <a href="#">4/2019</a> , of 15/01 (Rules of the Pilot-Project for demand participation) - Diretiva n. <a href="#">9/2019</a> , of 10/04 (Terms and Conditions of the Contract for Participation in the ancillary Services Market); - Diretiva n. <a href="#">6/2020</a> , of 20/04 (keeps the rules valid from 2/4/2020). On 30/07/2020, ERSE approved the <a href="#">Report on the functioning of the Pilot-Project</a> , during its implementation, including a <a href="#">Report</a> issued by REN and the <a href="#">Contribution</a> of the participants directly involved.	<b>Project concluded</b>  Start: 02/04/2019  End: 13/03/2024