



elewit

Una empresa de Redeia

Participation terms and conditions

Data Challenge 2025

1 Purpose

These terms and conditions (hereinafter the '**Terms**') govern participation in the 'Data Challenge 2025' competition (hereinafter the '**Challenge**' or '**Data Challenge 2025**') for potential reference providers of Red Eléctrica de España, S.A.U. (hereinafter '**Red Eléctrica**') regarding electricity demand forecasting. The Challenge is promoted by Red Eléctrica and Elewit, S.A.U. (hereinafter '**Elewit**'), with TIN A-88409990 and registered office at Paseo Conde de los Gaitanes No. 177, Alcobendas, 28109, Madrid (Spain). Both companies belong to **Redeia**.

The Challenge aims to identify demand forecasting service providers for Red Eléctrica, offering competitive proposals for the following electrical subsystems: the peninsular system, the individual Canary Islands, the individual Balearic Islands, and Ceuta and Melilla. This is all enabled by a technological foundation, with Elewit and Red Eléctrica jointly promoting the initiative.

Thus, Elewit will provide Participants with a dataset (hereinafter the '**Training Dataset**') containing electricity demand time series for each subsystem and historical holiday data.

- The Training Dataset will include the following variables from 1 January 2015 to 28 February 2025:
 - Subsystem: detailed below.
 - Day: measurement date (dd/mm/yyyy).
 - Time: date and time of the day (dd/mm/yyyy 00-01, ..., dd/mm/yyyy 23-24).
 - Indicators: empty field.
 - Measurement date: outgoing measurement date and time (dd/mm/yyyy hh:mm).
 - Integral: electricity demand (float, MWh).
- The Training Dataset will also include information on holidays in each of the electrical subsystems. There will be one file per subsystem containing:
 - Date of the day: (dd/mm/yyyy).
 - Day of the week: (M, T, W, T, F, S, S).
 - Holiday type: national or regional. Regional holidays will be classified by province.
- The subsystems under study for this Challenge are:
 - Peninsula.
 - Canary Islands: Gran Canaria, Tenerife, Lanzarote, Fuerteventura, La Palma, La Gomera, and El Hierro.
 - Balearic Islands: Mallorca, Menorca, the Ibiza-Formentera subsystem, Ibiza, and Formentera separately.
 - Ceuta and Melilla.

Participants must use the Training Dataset to train their electricity demand forecasting models and then prepare a forecast (hereinafter the 'Proposal') for 1 April 2025 to 31 May 2025, which Elewit will evaluate.

2 Validity period

The Challenge consists of three key periods:

- Registration: from 17 February to 2 March (inclusive). Participants must submit their company data and accept these Terms via the [form](#) below. Additionally, they must register and qualify for the '0169 EXTERNAL FORECASTS' service in Red Eléctrica's supplier system ([PRORED](#)).
- Proposal preparation period: from 3 March to 31 March (inclusive). Participants who have accepted these Terms and registered and qualified in PRORED will access the Training Dataset to develop their Proposal. They must submit their Proposal to data.challenge@elewit.ventures by the deadline to be considered for evaluation.
- Proposal participation period: from 1 April to 31 May (inclusive). Registered Participants will submit their hourly demand forecast for 39 horizons (from hour 10 (9:00–10:00) on day D to 24:00 on D+1) before 9:00 on day D. Additionally, they will receive daily CSV files containing real demand data for the system in which they are providing predictions. These files will be sent before 6:00 on day D with the demand data from day D-1.

3 Geographic scope

There is no specific geographic restriction. Therefore, the Challenge is open to any national or international individual or entity meeting these Terms' requirements.

4 Right to participate

Eligible Participants are entities and legal persons (including duly authorised natural persons acting as representatives over 18 who meet the requirements of these Terms) who register and apply by accepting their obligations and content of these Terms by completing the registration process on time and in form (hereinafter the '**Participants**').

The Training Dataset will be shared in text files (CSV). These files will be sent via email through BigTransfer to the email address provided by Participants during registration. Additionally, Participants will receive the daily real demand CSV files for day D-1 at the same email address.

Under no circumstances may Participants send or distribute information or content that could compromise, disrupt, decompile, substantially alter, or hinder the normal use of the Training Dataset.

Participants agree to use the data solely for this Challenge, not to copy it, and to delete and destroy all data upon completion. Elewit may request proof of compliance from Participants.

Participants may include data from other sources, provided that such data comes from publicly available sources in compliance with applicable regulations. Historical demand data must only be sourced from the Challenge.

Participation in this Challenge is limited, meaning each Participant may submit only one Proposal per company.

- a) Failure to meet any of the requirements outlined in these Terms will result in disqualification from the Challenge and ineligibility for any prize.
- b) The following individuals are also excluded from participation:
 - i. Entities or employees belonging to Redeia.
 - ii. Members of the Jury (hereinafter the 'Jury') evaluating the Proposals, composed of:
 - Business experts from Red Eléctrica.
 - Technology and innovation experts from Elewit.

- Any other reputable Jury member designated at Elewit's discretion.
- iii. Individuals with a first- or second-degree family relationship (by blood or marriage) with any of the above.

5 Participation process and evaluation criteria

After the submission period (see section 2), the Jury will select the winning Proposals before 1 July 2025, from eligible Participants meeting the requirements of these Terms, based on the following evaluation criteria (hereinafter the '**Criteria**')

- The mean absolute error (MAE) will be averaged over the 39 hourly forecasts (hour 10 (09:00–10:00) on day D to hour 24 (23:00–24:00) on D+1) submitted before 09:00 on day D. This constitutes the weighted mean absolute error.

To properly evaluate these Criteria, the Proposal must include the following documentation:

- Daily CSV files for each subsystem containing the hourly forecast results for 39 horizons (09:00–10:00 on day D to 23:00–24:00 on day D+1), as specified in section 1:

Timestamp (dd/mm/yyyy hh); forecast_horizon_1;...;forecast_horizon_39;

Where:

Timestamp: local time (CET/CEST) for the peninsular system and the subsystems of the Balearic Islands and Ceuta and Melilla. Local time (WET/WEST) for the Canary Islands subsystems.

Forecast_horizon_x: the forecast made for each forecast horizon. These range from horizon 1 (09:00–10:00) on day D to horizon 39 (23:00–24:00) on day D+1.

- The Participant must provide the CSV file for each subsystem they wish to submit for evaluation.
- An example of these CSV files will be provided along with the Training Dataset.
- Participants may also attach a presentation introducing themselves and their services, not exceeding ten slides. This document is optional and will not affect the Criteria in any way.

6 Value and characteristics of the prize

Up to five winning Proposals will be selected in this Challenge—one for each electrical subsystem. These will be the top-scoring Proposals (hereinafter the 'Winning Proposals') based on the Criteria. The Challenge may be declared void if the Jury and Elewit decide not to select any winners, as there is no minimum required. However, Elewit may, at its discretion, select multiple Proposals per subsystem if they meet the Criteria and their results are comparable to the Winning Proposal (hereinafter, along with the Winning Proposals shall be referred to as the '**Selected Proposals**').

The Selected Proposals will earn an official invitation from Red Eléctrica to participate in the online validation period (15 September 2025 to 15 January 2026, subject to change by Red Eléctrica). Current providers will also participate in this validation period. The results of this online validation will be required and considered in Red Eléctrica's next demand forecasting tender.

Elewit is expressly authorised—but not obliged—to officially publish the Winning Proposals or the Selected Proposals for the Data Challenge on its website and main social media channels. Furthermore, Elewit may organise other events, webinars, or media actions to showcase participating companies and their capabilities to energy stakeholders and potential clients, including transmission system operators (TSOs), distribution system operators (DSOs), and other relevant members of the energy forum. These actions will be complemented by social media posts on Elewit's profiles (e.g., Twitter and LinkedIn) and other content highlighting the companies and their Challenge-related technologies.

7 Announcement of Selected Proposals for the Challenge

On 1 July 2025, Elewit will contact the selected Participants by phone or email (at Elewit's discretion) to inform them that their Proposals have been selected. The results of the Challenge and the Selected Proposals will also be communicated to the rest of the Participants.

Selected Participants will receive the necessary documentation and information via email to access the aforementioned online validation period.

8 Privacy

Participants agree to maintain strict confidentiality regarding any information (oral or written and in any format) relating to Elewit, Red Eléctrica, or third parties, obtained during the Challenge. This includes, but is not limited to, knowledge, results, and intellectual property acquired through participation (including pre-Challenge documentation). Participants will not use this information for their own or any third party's benefit, outside the scope of the Challenge. This covers all information, ideas, concepts, reports, drawings, diagrams, records, specifications, standards, manuals, models, processes, technical knowledge, data, business plans, projections, techniques, and informative documents obtained during the Challenge. Participants must keep confidential all aspects of the Challenge, including any amendments, modifications, contractual documentation, and other Challenge-related materials (hereinafter, collectively, the '**Confidential Information**'). This shall apply unless authorised in writing by Elewit or Red Eléctrica (if applicable).

Without prejudice to the previous paragraph, Participants may disclose this information without prior authorisation from Elewit or Red Eléctrica (as applicable) under the following circumstances:

- c) To employees, executives, Board members, or companies within the same corporate group that are actively and directly involved in managing the Challenge or have a justified need to access the information (hereinafter, the '**related Parties**'). These related Parties must also adhere to the previously agreed confidentiality obligations. In such cases, Participants will be liable for any unauthorised disclosure by the related Parties.
- d) If required by a legal, judicial, or administrative order, or as part of a tax, legal, or administrative proceeding, Participants or related Parties may disclose confidential Information in whole or in part. In such instances, Elewit must be notified immediately and in advance of any disclosure to allow for appropriate measures to ensure that only the legally required confidential Information is shared in accordance with applicable law.
- e) If the information was already publicly available or widely known before it was disclosed to the Participant.
- f) If the information becomes publicly available without any breach of this clause by the Participant or the related Parties.
- g) If the information has been provided without confidentiality obligations to the Participant or related Parties by a source other than Elewit or Red Eléctrica (as applicable), and that source is authorised, at the discretion of Elewit or Red Eléctrica, to disclose it.
- a) If the information was already in the Participants' or related Parties' possession before it was communicated to them, as long as it did not originate from a source prohibited from disclosing it to the Participant.

The Participants undertake to safeguard the supports containing confidential Information, as well as any other sensitive material, with the greatest diligence, and to have for such purpose safe and adequate storage means for the confidential Information obtained.

In any case, Elewit and the relevant Participant shall agree on the content, communication channel, and publication date of any press release, notice, or communication related to the existence of the Challenge or its content.

When this document is no longer valid, for any reason, Participants agree not to retain any confidential Information and to either return or destroy, at Elewit's discretion, all oral or written confidential Information, in any format, as well as any copies in their possession, as directed by Elewit. Participants must also provide Elewit with written confirmation that the confidential Information has been returned or destroyed.

The confidentiality obligation shall remain in effect for at least five (5) years from the termination of this document unless applicable law establishes a longer or indefinite period.

9 Processing of personal data

In compliance with the applicable data protection regulations (Organic Law 3/2018, of 5 December, on the Protection of Personal Data and guarantee of digital rights, and Regulation (EU) 2016/679 of the European Parliament and of the Council, of 27 April 2016, on the protection of natural persons with regard to the processing of personal data and on the free movement of such data), Elewit, as the data controller, informs the representatives of the Participants whose personal data are provided for the enforcement of these Terms and conditions of the following:

- a) The personal data provided in compliance with these Terms and conditions, as well as any data collected during the promotional period, will be processed to manage and maintain the pre-contractual and contractual relationship.
- b) Personal data will be processed based on the Participants' consent for such processing and in accordance with these Terms and conditions. The data will be retained for as long as the contractual relationship remains in effect.
- c) Once the contractual relationship ends, personal data will be retained for the necessary period to comply with legal obligations or to file, assert, or defend against potential claims.
- d) The data may be shared with third parties in cases where Elewit is legally or contractually required to do so, including: (i) Courts, to comply with legal requirements and to ensure proper administration of justice, and (ii) any other third parties when necessary for the execution, enforcement, and monitoring of these Terms and conditions or when required by law.

As the data controller, Elewit guarantees that Participants can exercise their rights to access, rectify, erase, and port their data, as well as their right to limit or object to processing (or any other rights recognised by law) at any time. To do so, Participants can send a written request to the data controller using the following contact details:

- *ELEWIT, S.A. Unipersonal, by email to digame@redeia.com or by regular mail to Paseo Conde de los Gaitanes n.º 177, La Moraleja, 28109 Alcobendas, Madrid.*

Additionally, Elewit informs Participants that they can contact Redeia's data protection officer, who is responsible for ensuring a timely response to the exercise of their rights, by emailing dpd@redeia.com.

Participants are also informed that they have the right to file a complaint with the relevant supervisory authority in Spain, the Spanish Data Protection Agency.

10 Industrial and intellectual property and liability

Both Elewit and each Participant will remain the exclusive owners of any knowledge, information, or materials of any form or nature, as well as any industrial and intellectual property Rights to which they hold title, as outlined in the following subsections (hereinafter, the '**Knowledge**')

- e) Knowledge acquired prior to the signing of this Agreement or licensed to either party by a third party, provided it is necessary for the full and appropriate completion of the Challenge.
- f) Knowledge generated or acquired at any time, regardless of the execution of these Terms and conditions or the compliance with the obligations derived from them.

However, with respect to the ownership of the Knowledge, the parties agree that each party will grant any necessary authorisations or licences required to complete the Challenge and ensure compliance with these Terms and Conditions. The licensor will grant the licenses without any explicit or implied warranties, including, but not limited to, warranties of commercial viability, patentability, or fitness for a particular purpose.

The Parties acknowledge and agree that this authorisation or licence does not entitle them to review, decompile, reverse-engineer, decrypt, extract, segregate, or copy the industrial and intellectual property Rights provided by the owner, nor are they authorised to sell, license, dispose of, transfer, disclose, or provide those rights to third parties, in whole or in part, without the explicit consent of the owner.

The authorship of any result or intellectual property item developed as a consequence of the completion of the Challenge will be determined in accordance with applicable legislation. Notwithstanding the above, the parties agree that any of these results based on or utilising the Knowledge of Elewit or Red Eléctrica (as applicable) and any associated industrial and intellectual property Rights will remain the sole property of Elewit or Red Eléctrica (as applicable).

Definition of '**industrial and intellectual property Rights**':

- g) Registered patents, designs, trademarks, utility models, technical know-how (as described below), intellectual property rights, and database rights.
- h) Any other industrial or intellectual property rights, or any similar or equivalent rights, existing anywhere in the world today or that may be recognised in the future.
- i) Applications for registration, extensions, and renewals associated with any of the aforementioned rights.
- j) The expression of any original creation or work, in any tangible or intangible form, including but not limited to computer programmes of any kind, source code, object code, technical documentation, user manuals, training manuals, document technical specifications, conversational corpora, reports, data formats, drawings, graphics, blueprints, logos, prototypes, and the results of any transformation, modification, update, adaptation, new versions, or changes to such works or creations.

11 Modifications and responsibilities

If the Challenge cannot proceed as intended due to detected fraudulent activity, technical errors, or any other circumstances beyond Elewit's control that affect its normal development, Elewit reserves the right to cancel, modify, or suspend the Challenge at any time.

Elewit reserves the right to modify the terms and dates of the Challenge and will duly inform the Participants of any updates.

Elewit shall not be liable for any delays or other circumstances attributable to third parties that may affect participation in the Challenge or its development.

Elewit reserves the right to automatically disqualify any Participant who, in the company's opinion, engages in fraudulent activity, alters, or otherwise prevents the proper completion and normal regulatory development of the Challenge. This includes, but is not limited to, using privileged information, carrying out undue manipulations, or engaging in any inappropriate practices that improve their performance, infringe on the rights of third parties, or go against the spirit of the Challenge.

Elewit shall not be liable for any damages of any kind arising from temporary unavailability or interruptions in the Challenge's participation system.

Under no circumstances shall Elewit be liable for any losses, damages, or harm resulting from access to and use of the training Dataset, including but not limited to damage to computer systems or damage caused by viruses or cyberattacks. Elewit shall also not be liable for any harm suffered by the Participant due to improper use of the training Dataset or, under any circumstances, for potential outages, disruptions, service failures, or defects in telecommunications.

Elewit shall not be liable for delays in e-mails or telecommunications networks affecting registrations, data submissions, or related processes.

Elewit shall not be liable if the winning Participants' data is incorrect or if they cannot be contacted for reasons beyond Elewit's control.

Furthermore, under no circumstances shall Elewit be liable for how Participants use the data included in their Proposals or for the content of those Proposals.

The Participants agree to hold Red Eléctrica harmless from any damages or losses resulting from the breach of these Terms and conditions and to hold Red Eléctrica harmless against any third-party claims. They are fully responsible for covering any costs or financial obligations that may arise in favour of third parties as a result of actions, claims, or disputes stemming from the non-compliance with any of the obligations set out in these Terms and conditions.

12 Acceptance of the terms

By participating in this Challenge, Participants fully accept the terms outlined in these Terms and conditions and expressly agree to submit to any interpretative decisions made by Elewit in relation to them.

13 Content of advertising material

Participants authorise Elewit to use their name and image in advertising materials related to the Challenge, including online, without receiving any compensation.

14 Applicable law and jurisdiction

These Terms and conditions shall be governed and interpreted in accordance with Spanish common law, to the exclusion of any conflict of law rules.

The parties expressly waive their own jurisdiction (if applicable) and submit to the Courts of the city of Madrid for the resolution of any disputes, disagreements, issues, or claims arising from the interpretation, compliance, enforcement, or resolution of these Terms and conditions, or any matters directly or indirectly related to them.

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