

## **TECHNICAL DECISION**

# Procedures of registration with the HETS Operator Registry

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## 1 Introduction

1. This Technical Decision is issued in accordance with the provisions of the Balancing Market Rulebook [Article 1.2(7)] and describes the procedures for registration with the HETS Operator Registry.
2. This Technical Decision shall be issued following a public consultation and shall be posted on the website of the HETS Operator.
3. In the event of any conflict between the provisions of this Technical Decision and the provisions of the Balancing Market Rulebook, the provisions of the Balancing Market Rulebook shall prevail.
4. This Technical Decision shall be amended by decision of the HETS Operator, either on its own initiative or at the request of the Regulatory Authority for Energy, Waste and Water (RAEWW) or third parties having a legitimate interest, in accordance with the provisions of Article 1.2(7) and (8) of the Balancing Market Rulebook.
5. This Technical Decision shall form an integral part of the Balancing Market Rulebook and shall be interpreted and implemented along with the contents of the Rulebook.
6. The definitions under article 1.3 of the Balancing Market Rulebook shall also apply to this Technical Decision, unless otherwise expressly provided.

## 2 HETS Operator Registry

1. The HETS Operator keeps the HETS Operator Registry, which consists of the following individual Registries:
  - a) the Balancing Service Providers Registry, in accordance with Article 4.2 of the Balancing Market Rulebook,
  - b) the Balance Responsible Parties Registry, in accordance with Article 4.2 of the Balancing Market Rulebook,
  - c) the Balancing Market Dispatchable Generating Units Registry, in accordance with Article 5.2 of the Balancing Market Rulebook,
  - d) the Dispatchable Storage Entities Registry, in accordance with Article 5.3 of the Balancing Market Rulebook,
  - e) the Dispatchable Non-Intermittent Generation Portfolios Registry, in accordance with Article 5.4 of the Balancing Market Rulebook,
  - f) the Dispatchable Intermittent Generation Portfolios Registry, in accordance with Article 5.5 of the Balancing Market Rulebook, and
  - g) the Dispatchable Load Registry, in accordance with Article 5.6 of the Balancing Market Rulebook.
2. Once registered with the HETS Operator Registry, the applicants shall unconditionally accept the provisions of the Balancing Market Rulebook and of the HETS Grid Code and the relevant methodologies, parameters and other special approvals, technical decisions and manuals, as they may be amended and applied, and they shall be obliged to comply with their content.
3. In order to register with the HETS Operator Registry, the applicants shall submit the Registration Application in accordance with the procedure laid down in Article 4.5 of the Balancing Market Rulebook and in Article 3 of this Technical Decision.
4. The HETS Operator shall not be held responsible for the completeness, correctness and trueness of the details provided by the applicants and entered in the HETS Operator Registry. The applicants shall be exclusively liable therefor.
5. The HETS Operator shall be entitled to request at any time, especially before making settlements and/or payments, from those registered in the HETS Operator Registry to provide any document it deems necessary to confirm the accuracy of the details they have submitted for their registration or the amendment of their registration with the Registry.
6. The processing of any personal data shall be carried out by the HETS Operator in accordance with Regulation (EU) 2016/679 (General Data Protection Regulation). For more information on the processing of personal data, please refer to the General Privacy Policy, which is posted on the official website of the HETS Operator.

### 2.1 Balancing Service Providers Registry

1. Natural or legal persons, in one or more of the following capacities, shall be entitled to register with the Balancing Service Providers Registry, as long as they represent facilities that are able to provide Balancing Services:
  - a) Producer, holder of a Production License for Generating Units, provided that they are

- not represented by an Aggregator,
- b) Holder of a Storage License for BESS, provided that they are not represented by an Aggregator,
  - c) Renewable Energy Sources (RES) Producers, holders of a RES Production License or a RES Producer Certificate or a relevant Exemption, for RES Units with Market Participation Obligation, provided that they are not represented by an Aggregator,
  - d) Auto-producers,
  - e) Consumers who provide Demand Response Services, provided that they are not represented by an Aggregator, and
  - f) Aggregators.

For the above natural or legal persons, registration with the Balancing Service Providers Registry is mandatory, as they are obliged to register the facilities they represent in the Registries listed in CHAPTER 5 of the Balancing Market Rulebook.

2. The Balancing Service Providers Registry shall include the following details:
  - a) the Name or Trade Name of the Balancing Service Provider,
  - b) the Registered Seat of the Balancing Service Provider,
  - c) the VAT Registration Number and the Tax Office of the Balancing Service Provider,
  - d) the General Commercial Register (GEMI) Number of the Balancing Service Provider,
  - e) the Legal Representative of the Balancing Service Provider,
  - f) the Contact Person of the Balancing Service Provider,
  - g) the Contact Details (telephone, email, etc.) of the Balancing Service Provider,
  - h) the capacity/capacities of the Balancing Services Provider, and
  - i) the EIC Code of the Balancing Service Provider.
3. For the registration with the Balancing Service Providers Registry, the terms and conditions described in the “Terms and Conditions for Balancing Service Providers” must be complied with, as approved by decision of RAEWW following a recommendation by the Operator, as set out in Article 18 (4) of Law 4425/2016.
4. By virtue of registration with the Balancing Service Providers Registry, the natural or legal persons of paragraph 1 of this section 2.1 (Balancing Service Providers) shall conclude a Balancing Service Contract with the HETS Operator, the content of which shall be identical to the Balancing Market Rulebook. The Balancing Service Contract shall be deemed as concluded between the parties upon registration with the Balancing Service Providers Registry and shall not be subject to any further formalities.

## 2.2 Balance Responsible Parties Registry

1. Natural or legal persons, in one or more of the following capacities, are obliged to be registered with the Balance Responsible Party Registry:

- a) Producer, holder of a Production License for Generating Units, provided that they are not represented by an Aggregator,
  - b) Holder of a Storage License for BESS, provided that they are not represented by an Aggregator,
  - c) Renewable Energy Sources (RES) Producers, holders of a RES Production License or a RES Producer Certificate or a relevant Exemption, for RES Units with Market Participation Obligation, provided that they are not represented by an Aggregator,
  - d) Auto-producers,
  - e) Consumer who provide Demand Response Services, provided that he is not represented by an Aggregator,
  - f) Aggregators,
  - g) Supplier, holder of a Supply License, including Supplier of Last Resort and Universal Service Supplier,
  - h) Self-Supplied customer,
  - i) Trader, holders of a Trading or Supply License, and
  - j) DAPEEP, which is the Operator of the RES Units Portfolio without Market Participation Obligation.
2. The Balance Responsible Parties Registry shall include the following details:
- a) the Name or Trade Name of the Balance Responsible Party,
  - b) the Registered Seat of the Balance Responsible Party,

- c) the VAT Registration Number and the Tax Office of the Balance Responsible Party,
  - d) the General Commercial Register (GEMI) Number of the Balance Responsible Party,
  - e) the Legal Representative of the Balance Responsible Party,
  - f) the Contact Person of the Balance Responsible Party,
  - g) the Contact Details (telephone, email, etc.) of the Balance Responsible Party,
  - h) the capacity/capacities of the Balance Responsible Party, and
  - i) the EIC Code of the Balance Responsible Party.
3. For registration with the Balance Responsible Parties Registry, the terms and conditions described in the “Terms and Conditions for Balance Responsible Parties Registry” must be fulfilled, as approved by decision of RAEWW following a recommendation by the Operator, as set out in article 18 (4) of Law 4425/2016.
4. By virtue of registration with the Balance Responsible Parties Registry, the natural or legal persons of paragraph 1 of this section 2.2 (Balance Responsible Parties) shall conclude a Balance Responsible Party Contract with the HETS Operator, the content of which shall be identical to the Balancing Market Rulebook. The Balance Responsible Party Contract shall be deemed to have been entered into by the parties upon registration with the Balance Responsible Parties Registry and shall not be subject to any further formalities.

### 2.3 Balancing Market Dispatchable Generating Units Registry

1. The Balancing Market Dispatchable Generating Units Registry shall include the Generating Units provided that they have successfully completed the relevant pre-qualification tests described in the Technical Decision “Process and Pre-Qualification Tests for Balancing Service Providers”.
2. The Balancing Market Dispatchable Generating Units Registry shall include the following details:
- i. the Name of the Dispatchable Generating Unit,
  - ii. the EIC Code of the Dispatchable Generating Unit,
  - iii. the Name or trade name of the Balancing Service Provider, as well as the EIC Code,
  - iv. the Dispatchable Generating Unit Operator,
  - v. the Contact Details of the Dispatchable Generating Unit Operator,
  - vi. the production license number of the Dispatchable Generating Unit,



- vii. the operating license number of the Dispatchable Generating Unit, and
    - viii. the Registered Characteristics of the Dispatchable Generating Unit described in the Annex "Table of Registered Characteristics" of this Technical Decision, as finalised on the basis of the results of the pre-qualification tests.
3. For a generating unit to be put in Commissioning Operation or to undergo pre-qualification tests, the unit must have pre-registered with the Balancing Market Dispatchable Generating Units Registry.
4. For pre-registered power generating units, the Registry shall include the following details:
  - i. the Name of the generating unit,
  - ii. the Name or trade name of the Balancing Service Provider, as well as the EIC Code,
  - iii. the Operator of the generating unit,
  - iv. the Contact Details of the generating unit Operator,
  - v. the production license number of the generating unit, and
  - vi. the already known Registered Characteristics of the generating unit that are described in the Annex "Table of Registered Characteristics" of this Technical Decision. Such details are not final and are subject to adjustment based on the result of the pre-qualification tests.
5. Upon completion of the Commissioning Operation, the pre-qualification tests, and once the operating license has been issued, the pre-registered generating units shall be definitely registered with the Balancing Market Dispatchable Generating Units Registry as Dispatchable Generating Units. During the final registration of the Dispatchable Generating Unit, the Registered Characteristics of the Unit shall be finalised according to the results of the pre-qualification tests.
6. Generating Units shall be pre-registered and subsequently mandatorily registered with the Balancing Market Dispatchable Generating Units Registry and shall participate separately in the Balancing Market, provided that they cumulatively meet the following criteria:
  - a) they are connected to the HETS,
  - b) their Maximum Net Capacity is greater than or equal to i) 10 MW if it is a thermal unit, and ii) 15 MW if it is a hydroelectric unit, in accordance with Law 3468/2020.
7. Generating Units that do not meet the criteria of paragraph 6 of this section may be registered either with the Balancing Market Dispatchable Generating Units Registry and participate separately in the Balancing Market, or with the Dispatchable Non-Intermittent Generation Portfolios Registry, as part of a Dispatchable Non-Intermittent Generation Portfolio.

## 2.4 Dispatchable Storage Entities Registry

1. Storage Entities shall be registered with the Dispatchable Storage Entities Registry, provided that they have successfully completed the relevant pre-qualification tests, as described in the Technical Decision "Process and Pre-Qualification Tests for Balancing Service Providers".
2. The following shall be considered as Dispatchable Storage Entities, in accordance with the Balancing Market Rulebook: a) Dispatchable Large BESSs, b) Dispatchable RES Units with big storage and c) Dispatchable Storage Portfolios. A Storage Portfolio may include facilities from all voltage levels. It is noted that for a Dispatchable Storage Portfolio, the dispatchable capacity must be greater than or equal to 1 MW.
3. The Dispatchable Storage Entities Registry shall include the following:
  - i. the name of the Dispatchable Storage Entity,
  - ii. the EIC code of the Dispatchable Big BESS or the Dispatchable RES Unit with big storage,
  - iii. the Name or trade name of the Balancing Service Provider, as well as the EIC Code,
  - iv. the Operator of the Dispatchable Storage Entity,
  - v. the Contact Details of the Operator of the Dispatchable Storage Entity,
  - vi. the storage license number of the Dispatchable Storage Entity, if required by applicable legislation. The Dispatchable Storage Portfolios Registry shall include the storage license number of each Small BESS included in the portfolio, if required by applicable legislation,
  - vii. the production license number, if it is a Dispatchable RES Unit with big storage,
  - viii. the operating license number of the Dispatchable Storage Entity, if required by applicable legislation. It should be noted that for a Dispatchable Storage Portfolio, the following shall be submitted for each facility included therein,
  - ix. the name of the Dispatchable Storage Entity,
  - x. the registration code of the BESSs or RES Units with integrated big storage with the Operator of Renewable Energy Sources & Guarantees of Origin (DAPEEP) Registry, and

- xi. the Registered Characteristics of the Dispatchable Storage Entity described in the Annex “Table of Registered Characteristics” of this Technical Decision, as finalised on the basis of the results of the pre-qualification tests.
- 4. For the creation of the Dispatchable Storage Entities, DAPEEP shall register the storage entities in the Table of BESSs and Market Participants, which it shall send to the HETS Operator. The Table shall include at least the following information:
  - i. the Settlement Day D,
  - ii. the entity representative’s EIC code,
  - iii. the entity name,
  - iv. indication of whether the entity is Dispatchable,
  - v. indication of whether the Entity is in Commissioning Operation due to the performance of pre-qualification tests,
  - vi. the entity type,
  - vii. the registration code of each BESS and RES Unit with integrated storage with DAPEEP Registry,
  - viii. the type of contract with an Aggregator for each BESS and RES Unit with integrated storage,
  - ix. the installed generation capacity for each BESS and RES Unit with integrated storage,
  - x. the maximum absorption capacity of the storage for each BESS and RES Unit with integrated storage,
  - xi. the maximum injection capacity of the storage for each BESS and RES Unit with integrated storage,
  - xii. the Guaranteed Useful Capacity for each BESS and RES Unit with integrated storage,
  - xiii. the technology type for each BESS and RES Unit with integrated storage,
  - xiv. the Bidding Zone for each BESS and RES Unit with integrated storage, and
  - xv. the connection voltage level for each BESS and RES Unit with integrated storage.
- 5. For a storage entity to be put in Commissioning Operation or to undergo pre-qualification tests, the entity must have pre-registered with the Dispatchable Storage Entities Registry. Specifically, during the pre-registration of the storage entity, DAPEEP enters the entity under testing in the Table of BESSs and Market Participants, which it maintains and notifies to the HETS Operator in accordance with the provisions of the Operator of Renewable Energy Sources & Guarantees of Origin Code.

6. Small BESSs in Commissioning Operation may not be included in the Dispatchable Storage Portfolios.
7. For pre-registered storage entities, the Registry shall include the following details:
  - i. the name of the storage entity,
  - ii. the Name or trade name of the Balancing Service Provider, as well as the EIC Code,
  - iii. the operator of the storage entity,
  - iv. the Contact Details of the operator of the storage entity, and
  - v. the already known Registered Characteristics of the storage entity that are described in the Annex “Table of Registered Characteristics” of this Technical Decision. Such details are not final and are subject to adjustment based on the result of the pre-qualification tests.
8. Upon completion of the Commissioning Operation and the pre-qualification tests, the storage entities shall be definitely registered with the Dispatchable Storage Entities Registry as Dispatchable Storage Entities. During the final registration of the Storage Entity, its Registered Characteristics shall be finalised according to the results of the pre-qualification tests.
9. The HETS Operator shall keep a table of Dispatchable Storage Entities meters, which separately lists the meters of the individual facilities included in each Dispatchable Storage Entity, in accordance with Annex 8.7 hereof. The HETS Operator shall send the above table to HEDNO for the purposes of the settlement procedure.

## 2.5 Dispatchable Non-Intermittent Generation Portfolios Registry

1. Dispatchable Non-Intermittent Generation Portfolios with dispatchable capacity greater than or equal to 1 MW that have successfully completed the relevant pre-qualification tests described in the Technical Decision “Process and Prequalification Tests for BSPs” shall be registered with the Dispatchable Non-Intermittent Generation Portfolios Registry. A Dispatchable Non-Intermittent Generation Portfolio may include facilities from all voltage levels.
2. More specifically, the Dispatchable Non-Intermittent Generation Portfolios may include one or more facilities from the following categories:

- a) Generating Unit when it is not connected to the HETS or its Maximum Net Capacity is less than 10 MW if it is a thermal unit, or less than 15 MW if it is a hydroelectric unit,
  - b) Non-Intermittent RES Generating Unit,
  - c) Non-Intermittent RES Generating Unit with integrated storage,
  - d) Non-Intermittent RES Generating Unit with integrated storage when the Maximum Injection Capacity of the storage component is greater than or equal to 30% of the Maximum Net Capacity of the RES Unit and the guaranteed (useful) capacity in MWh of the storage component is greater than or equal to 60% of the hourly energy output corresponding to the Maximum Generation Capacity of the RES Unit.
3. The Dispatchable Non-Intermittent Generation Portfolios Registry shall include the following:
- i. the name of the Dispatchable Non-Intermittent Generation Portfolio,
  - ii. the Name or trade name of the Balancing Service Provider, as well as the EIC Code,
  - iii. the operator of the Dispatchable Non-Intermittent Generation Portfolio,
  - iv. the Contact Details of the operator of the Dispatchable Non-Intermittent Generation Portfolio,
  - v. the production license number of the Generating Unit or RES Unit included in the Portfolio,
  - vi. the operating license number of the Generating Unit or RES Unit included in the Portfolio, if required by applicable legislation,
  - vii. the name of the Generating Units or RES Units included in the Portfolio,
  - viii. the registration code of the RES Units, which make up the Portfolio, with DAPEEP Registry, and
  - ix. the Registered Characteristics of the Dispatchable Non-Intermittent Generation Portfolio that are described in the Annex "Table of Registered Characteristics" of this Technical Decision, as finalised on the basis of the results of the pre-qualification tests.
4. For a Dispatchable Non-Intermittent Generation Portfolio to be put in Commissioning operation or to undergo pre-qualification tests, the Portfolio must have been pre-registered with the Dispatchable Non-Intermittent Generation Portfolios Registry. During pre-registration, DAPEEP enters the portfolios under testing in the Table of RES and CHP Units and Market Participants, which it maintains and notifies to the HETS Operator in accordance with the provisions of the Operator of Renewable Energy Sources & Guarantees of Origin Code.
5. Generating Units and RES Units in Commissioning Operation may not be included in the Dispatchable Non-Intermittent Generation Portfolios.
6. For the creation of the Dispatchable Non-Intermittent Generation Portfolio, DAPEEP shall include the new portfolio in the Table of RES and CHP Units and send it to the HETS Operator. The Table shall include at least the following information:
- i. the Settlement Day D,
  - ii. the EIC Code of the Portfolio Representative,

- iii. the Name of the Portfolio,
  - iv. indication of whether the Portfolio is dispatchable,
  - v. indication of whether the Portfolio is in Testing Operation due to the performance of pre-qualification tests,
  - vi. the Portfolio Type,
  - vii. the Meter identifiers for each Generating Unit and RES Unit included in the Portfolio,
  - viii. the registration code of each RES Unit included in the Portfolio with DAPEEP Registry,
  - ix. the type of contract with an Aggregator for each RES Unit included in the Portfolio,
  - x. the installed generation capacity for each Unit and or RES Unit included in the Portfolio,
  - xi. the maximum absorption and injection capacity of the integrated storage for each RES Unit with integrated storage included in the Portfolio,
  - xii. the Guaranteed Useful Capacity of the integrated storage for each RES Unit with integrated storage included in the Portfolio,
  - xiii. the type of technology for each Generating Unit and RES Unit included in the Portfolio,
  - xiv. the Bidding Zone for each Generating Unit and RES Unit included in the Portfolio, and
  - xv. the connection voltage level for each Generating Unit and RES Unit included in the Portfolio.
7. For pre-registered Non-Intermittent Generation Portfolios, the Registry shall include the following details:
- i. the name of the Non-Intermittent Generation Portfolio,
  - ii. the name or trade name of the Balancing Service Provider, as well as the EIC Code
  - iii. of the Portfolio Operator,
  - iv. the Contact Details of the Portfolio Operator, and
  - v. the already known Registered Characteristics of the Non-Intermittent Generation Portfolio that are described in the Annex "Table of Registered Characteristics" of this Technical Decision. Such details are not final and are subject to adjustment based on the result of the pre-qualification tests.
8. Upon completion of the Commissioning Operation and the pre-qualification tests, the pre-registered Non-Intermittent Generation Portfolios shall be finally registered with the Dispatchable Non-Intermittent Generation Portfolios Registry as Dispatchable Non-Intermittent Generation Portfolios. During the final registration of the Dispatchable Non-Intermittent Generation Portfolio, its Registered Characteristics shall be finalised according to the results of the pre-qualification tests. The HETS Operator shall inform DAPEEP of the pre-qualification test results. If the pre-qualification tests have been successfully completed, IPTO shall also inform DAPEEP of the date when the participation of the Portfolio in the Market shall commence, so that DAPEEP can update the Table of RES and CHP Units accordingly.
9. The HETS Operator shall keep a table of Non-Intermittent Generation Portfolio meters, which separately lists the meters of the individual facilities included in each Dispatchable Non-Intermittent Generation Portfolio, in accordance with Annex 8.7 hereof. The HETS Operator shall send the above table to HEDNO for the purposes of the settlement procedure.

## 2.6 Dispatchable Intermittent Generation Portfolios Registry

1. Dispatchable Intermittent Generation Portfolios with dispatchable capacity greater than or equal to 1 MW that have successfully completed the relevant pre-qualification tests described in the Technical Decision “Process and Prequalification Tests for BSPs” shall be registered with the Dispatchable Intermittent Generation Portfolios Registry. A Dispatchable Intermittent Generation Portfolio may include facilities from all voltage levels.
2. More specifically, the Dispatchable Intermittent Generation Portfolios may include one or more facilities from the following categories:
  - a) Intermittent RES Generating Unit, and
  - b) Intermittent RES Generating Unit with integrated storage when the Maximum Injection Capacity of the storage component is lower than 30% of the Maximum Generation Capacity of the RES Unit or the guaranteed (useful) capacity of the storage component is lower than 60% of the hourly energy output corresponding to the Maximum Generation Capacity of the RES Unit.
3. The Dispatchable Intermittent Generation Portfolios Registry shall include the following:
  - i. the name of the Dispatchable Intermittent Generation Portfolio,
  - ii. the Name or trade name of the Balancing Service Provider, as well as the EIC Code,
  - iii. the operator of the Dispatchable Intermittent Generation Portfolio,
  - iv. the Contact Details of the operator of the Dispatchable Intermittent Generation Portfolio,
  - v. the production license number of the Generating Unit,
  - vi. the registration code of the RES Units, which make up the Portfolio, with DAPEEP Registry, and
  - vii. the Registered Characteristics of the Dispatchable Intermittent Generation Portfolio that are described in the Annex “Table of Registered Characteristics” of this Technical Decision, as finalised on the basis of the results of the pre-qualification tests.
4. For a Dispatchable Intermittent Generation Portfolio to be put in Commissioning operation or to undergo pre-qualification tests, the Portfolio must have been pre-registered with the Dispatchable Intermittent Generation Portfolios Registry. During pre-registration, DAPEEP enters the portfolios under testing in the Table of RES and CHP Units and Market Participants, which it maintains and notifies to the HETS Operator in accordance with the provisions of the Operator of Renewable Energy Sources & Guarantees of Origin Code.
5. RES Units in Commissioning Operation may not be included in the Dispatchable Intermittent Generation Portfolios.
6. For the creation of the Dispatchable Intermittent Generation Portfolio, DAPEEP shall include the new portfolio in the Table of RES and CHP Units and Market Participants and send it to the HETS Operator. The Table shall include at least the following information:

- i. the Settlement Day D,
- ii. the EIC Code of the Portfolio Representative,
- iii. the Name of the Portfolio,
- iv. indication of whether the Portfolio is dispatchable,
- v. indication of whether the Portfolio is in Testing Operation due to the performance of pre-qualification tests,
- vi. the Portfolio Type,
- vii. the registration code of each Intermittent RES Generating Unit included in the Portfolio with DAPEEP Registry,
- viii. the type of contract with an Aggregator for each Intermittent RES Generating Unit included in the Portfolio,
- ix. the installed generation capacity for each Intermittent RES Generating Unit included in the Portfolio,
- x. the maximum absorption and injection capacity of the integrated storage for each Intermittent RES Generating Unit with integrated storage included in the Portfolio,
- xi. the Guaranteed Useful Capacity of the integrated storage for each Intermittent RES Generating Unit with integrated storage included in the Portfolio,
- xii. the type of technology for each Intermittent RES Generating Unit included in the Portfolio,
- xiii. the Bidding Zone for each Intermittent RES Generating Unit included in the Portfolio, and
- xiv. the connection voltage level for each Intermittent RES Generating Unit included in the Portfolio.

7. For pre-registered Intermittent Generation Portfolios, the Registry shall include the following details:

- i. the name of the Intermittent Generation Portfolio,
- ii. the Name or trade name of the Balancing Service Provider, as well as the EIC Code,
- iii. of the Portfolio Operator,
- iv. the Contact Details of the Portfolio Operator, and
- v. the already known Registered Characteristics of the Intermittent Generation Portfolio that are described in the Annex "Table of Registered Characteristics" of this Technical Decision. Such details are not final and are subject to adjustment based on the result of the pre-qualification tests.

8. Upon completion of the Commissioning Operation and the pre-qualification tests, the pre-registered Intermittent Generation Portfolios shall be finally registered with the Dispatchable Intermittent Generation Portfolios Registry as Dispatchable Intermittent Generation Portfolios. During the final registration of the Dispatchable Intermittent Generation Portfolio, its Registered Characteristics shall be finalised according to the results of the pre-qualification tests. The HETS Operator shall inform DAPEEP of the pre-qualification test results. If the pre-qualification tests have been successfully completed, IPTO shall also inform DAPEEP of the date when the participation of the Portfolio in the Market shall commence, so that DAPEEP can update the Table of RES and CHP Units accordingly.



9. The HETS Operator shall keep a table of Intermittent Generation Portfolio meters, which separately lists the meters of the individual facilities included in each Dispatchable Intermittent Generation Portfolio, in accordance with Annex 8.7 hereof. The HETS Operator shall send the above table to HEDNO for the purposes of the settlement procedure.

## 2.7 Dispatchable Load Registry

1. The Dispatchable Load Registry shall include Pumps and Load Portfolios with a dispatchable capacity greater than or equal to 1 MW that have successfully completed the relevant pre-qualification tests described in the Technical Decision “Process and Pre-Qualification Tests for Balancing Service Providers”.
2. Each Pump must participate separately in the Balancing Market. As regards demand response facilities, each one of them shall solely and exclusively participate in one Load Portfolio. Each facility shall participate in the Portfolio with the entirety of the meters corresponding to it. No facility can participate, in part or in full, in more than one Portfolios. A Load Portfolio may include facilities from all voltage levels.
3. The Dispatchable Load Registry shall include the following details:
  - i. the name of the Pump or Load Portfolio,
  - ii. the Pump’s EIC Code,
  - iii. the Name or trade name of the Balancing Service Provider, as well as the EIC Code,
  - iv. the Pump or Load Portfolio operator,
  - v. the Contact Details of the Pump or Load Portfolio Operator,
  - vi. the Pump’s relevant license number,
  - vii. the Pump’s operating license number,
  - viii. the selected mFRR Baseline Calculation Methodology for the Load Portfolio,
  - ix. the trade name of the customers whose facilities constitute the Load Portfolio,
  - x. the identifiers of the meters that correspond to the facilities that constitute the Load Portfolio, and
  - xi. the Registered Characteristics of the Pump or the Load Portfolio that are described in the Annex “Table of Registered Characteristics” of this Technical Decision, as finalised on the basis of the results of the pre-qualification tests.
4. For a Pump or a demand response Load Portfolio to be put in Commissioning operation or to undergo pre-qualification tests, the Pump or the Load Portfolio must have been pre-registered with the Dispatchable Load Registry.
5. For pre-registered Pump or demand response Load Portfolios, the Registry shall include the following details:
  - i. the name of the demand response load portfolio,
  - ii. the Name or trade name of the Balancing Service Provider, as well as the EIC Code,
  - iii. the Contact Details of the Pump or Load Portfolio Operator, and
  - iv. the already known Registered Characteristics of the Pump or Load Portfolio that are described in the Annex “Table of Registered Characteristics” of this Technical Decision. Such details are not final and are subject to adjustment based on the result of the pre-qualification tests.

6. Upon completion of the Commissioning Operation and the pre-qualification tests, the pre-registered Pumps and Load Portfolios shall be definitely registered with the Dispatchable Load Registry as Dispatchable Loads. During the final registration of the Dispatchable Load, its Registered Characteristics shall be finalised according to the results of the pre-qualification tests.
7. Specifically, for the Dispatchable Load Portfolios, the HETS Administrator shall update and finalise the Table of Dispatchable Load Portfolio Meters that it maintains in accordance with the Balancing Market Rulebook. The finalised Table of Meters for the Dispatchable Load Portfolios for settlement day D shall be sent on day D-2 to the competent Distribution Network Operators. The date to which this snapshot refers shall be clearly indicated in the Table. In the event that the Table has not been sent on day D-2, the last Table of Meters that was sent shall be deemed to apply for day D.

### 3 Procedure of registration with the HETS Operator Registry

#### 3.1 Initial registration with the HETS Operator Registry

1. The applicant that wishes to register with the HETS Operator Registry for the first time shall submit a Registration Application to the HETS Operator, in accordance with the template provided in Annex 8 of this Technical Decision and as described in detail in sections 3.1.1 to 3.1.6. of this Technical Decision, and shall also submit any supporting documents necessary.
2. The Application consists of four Parts, which are as follows:
  - Part A: Balancing Service Provider/Balance Responsible Party details,
  - Part B: Balancing Market Dispatchable Generating Units Details,
  - Part C: Dispatchable Storage Entities Details,
  - Part D: Dispatchable Non-Intermittent Generation Portfolios Details,
  - Part E: Dispatchable Intermittent Generation Portfolios Details,
  - Part F: Dispatchable Loads Details.
3. The applicant must complete Part A of the Registration Application. In Parts B to F, the applicant shall complete the Part(s) which refer(s) to the Balancing Services Entities it represents. If it wishes to represent more than one Balancing Services Entities, it shall complete the appropriate Parts for each one of them separately.
4. By submitting the Registration Application, the applicant states that it expressly and unreservedly accepts the Balancing Market Rulebook, the HETS Grid Code and the relevant Technical Decisions and Manuals, as amended and in force, and it must comply with their content and fulfill the financial obligations resulting therefrom.
5. If the applicant does not already have an EIC Code, along with the Registration Application it shall also submit an EIC Code Application in accordance with the template posted on the website of the HETS Operator.
6. The registration fee is determined by decision of the RAEWW, subsequent to a proposal from the HETS Operator. Along with the Application, the Registration Fee payment receipt shall also be submitted. For the Registries provided for in sections 2.3 to 2.7 hereof, the Balancing Service Provider shall pay the fee during the pre-registration stage. DAPEEP, exclusively for its capacity as a representative of the Portfolios of RES Units without Obligation to Participate in the Market the Last Resort Supplier and the Universal Service Supplier are exempted from payment of the registration fee.

7. The Registration Application, the EIC Code Application, as well as all the statements submitted by the applicant must:
  - a) be stamped with the corporate seal or bear the full name of the legal representative, their capacity, the General Commercial Register (GEMI) Entry Number (KAK) of the act appointing him/her as a legal representative, and
  - b) be physically signed and attested as to the authenticity of signature by a competent authority, or electronically signed.
8. The Registration Application, the EIC Code Application, the statements and the documents submitted by the applicant must be original or legally certified copies and, in the case of foreign public documents, they must bear the Hague Apostille.
9. The Registration Application, the EIC Code Application, the statements and the documents submitted by the applicant must be in Greek or in English. In all other cases, the documents must be accompanied by an official translation into Greek or into English.
10. DAPEEP shall be automatically registered with the HETS Operator Registry by way of derogation from the provisions of this section.

### **3.1.1 Submission of Part A of the Registration Application**

1. In Part A of the Registration Application, the applicant shall complete the following details:
  - a) its full name or trade name,
  - b) its registered seat,
  - c) its TIN and Tax Office
  - d) its General Commercial Register (GEMI) Number,
  - e) its Legal Representative,
  - f) its Contact Person,
  - g) its contact details (phone number, e-mail etc.),
  - h) its registered capacity/capacities. If the party concerned wishes to be registered under more than one capacities, it may choose more than one capacities,
  - i) its EIC code, and
  - j) the enclosed supporting documents.
2. Along with Part A of the Registration Application, the applicant shall also submit the following documents:

- a) The legalising documents of the applicant that demonstrate its legal incorporation and operation, as well as its legal representation by the person signing the Registration Application and the relevant statements. For example:

In the case of a natural person:

- i. Photocopy of identity card,
- ii. Certificate for Trade Initiation with amendments thereof,
- iii. Single Judicial Solvency Certificate from the competent Court of First Instance.

In the event that the applicant wishes to register in the HETS Operator Registry in any capacity(ies) other than that of the Supplier or the Self-Supplied Customer, if the Single Judicial Solvency Certificate indicates that the applicant has been placed under reorganisation, they must also submit a certificate from the Court of First Instance on the progress of the procedure, as well as a non-filing of legal proceedings certificate, which evidences that the reorganisation agreement has been ratified by a court ruling, against which no legal proceedings or application for annulment have been filed, or, if such have been filed, that they have been dismissed, as well as the general certificate from the General Commercial Register (GEMI), which also evidences the legally required publication of all relevant decisions that have been issued.

Specifically, in the event that the applicant wishes to register with the HETS Operator Registry as a Supplier or as a Self-Supplied Customer, only a Single Judicial Solvency Certificate is required.

If it is a foreign natural person, the submission of another equivalent document is required, depending on the capacity in which the applicant wishes to register.

- iv. Any special authorisations for the signing of the Application or of the supporting documents and the representation of the applicant in its relations with the HETS Operator.

In the case of a legal person:

- i. Communication of the last codified Articles of Association from General Commercial Register (GEMI) or, in case of a foreign legal person, any other equivalent document from the relevant commercial registry.
- ii. Recent General Certificate issued by General Commercial Register (GEMI) (within the last month) or, in case of a foreign legal person, another equivalent document of the commercial registry.
- iii. Communication by General Commercial Register (GEMI) with regard to the appointment of the Board of Directors, its constitution into body and the delegation of responsibilities or, in case of a foreign legal person, another equivalent document of the relevant commercial register.

- iv. Current Representation Certificate issued by General Commercial Register (GEMI) (within the last month) or, in case of a foreign legal person, another equivalent document of the commercial registry.
- v. Single Judicial Solvency Certificate from the competent Court of First Instance.

In the event that the applicant wishes to register in the HETS Operator Registry in any capacity(ies) other than that of Supplier or Self-Supplied Customer, if the Single Judicial Solvency Certificate indicates that the applicant has been placed under reorganisation, they must also submit a certificate from the relevant Court of First Instance on the progress of the procedure, as well as a non-filing of legal proceedings certificate, which evidences that the reorganisation agreement has been ratified by a court ruling, against which no legal proceedings or application for annulment have been filed, or, if such have been filed, that they have been dismissed, as well as the general certificate from the General Commercial Register (GEMI), which also evidences the legally required publication of all relevant decisions that have been issued.

Specifically in the event that the applicant wishes to register with the HETS Operator Registry as a Supplier or as a Self-Supplied Customer, only a Single Judicial Solvency Certificate is required.

If it is a foreign legal person, the submission of another equivalent document is required, depending on the capacity in which the applicant wishes to register.

- vi. Any special authorizations for the signing of the Application or of the supporting documents and the representation of the applicant in its relations with the HETS Operator (such as a BoD decision or the authorisation of the legal representative).
- vii. For foreigners having established branches or offices in Greece, a General Commercial Register (GEMI) announcement regarding the lawful establishment of the relevant branch or office shall also be submitted.

The above documents are only indicative; the interested party shall submit those legalising documents proving its legal existence and operation, as well as its legal representation, depending on the case. It is noted that the HETS Operator reserves the right to request additional documents, where it believes that the documents submitted by the applicant are not complete.

- b) Solemn declaration of the applicant or of its legal representative listing the documents attached to the Registration Application according to the Template in the Annex of this Technical Decision.
- c) Certificate issued by the Clearing House confirming that a Clearing Account has been set up for the Participant as a Direct Clearing Member or that a Clearing Account has been set up by the General Clearing Member for the Participant. Where there is no Clearing House for a specific Balancing Market for any reason whatsoever, the applicant shall provide guarantees in accordance with the provisions of the Balancing Market Rulebook.
- d) Guarantees in accordance with the provisions of HETS Grid Code.
- e) A Production License, or RES Production License or Certificate, or Supply License, or Trading License, or Aggregator License, or Storage License, depending on the capacity of the applicant. Where the applicant concerned has more than one capacities, it shall provide the appropriate license for each one of them.

- f) For RES Producers, a copy of the Differential Increment Operating Aid Contract (DIOAC) or a DAPEEP Certificate regarding the operation status of the RES and CHP Units falling under the provisions of Article 3(19) of Law 4414/2016.
- 3. With regard to all other issues, the provisions of Section 3.1 of this Technical Decision shall apply.

### **3.1.2 Submission of Part B of the Registration Application**

#### **3.1.2.1 Submission of Part B of the Registration Application for the pre-registration with the Balancing Market Generating Units Registry**

1. For a generating unit with a valid production license to be put in Commissioning Operation or to undergo pre-qualification tests, the unit must have pre-registered with the Balancing Market Dispatchable Generating Units Registry.
2. For the preregistration of a generating unit with the Balancing Market Generating Units Registry, the applicant shall submit Part B of the Registration Application to the HETS Operator where it shall complete the following details:
  - a) the name or trade name of the Balancing Service Provider, as well as the EIC Code,
  - b) the name of the generating unit,
  - c) the Operator of the generating unit,
  - d) the contact details of the generating unit Operator,
  - e) the Registered Characteristics of the generating unit that are described in the Annex "Table of Registered Characteristics" of this Technical Decision. Such details are not final and are subject to adjustment based on the result of the pre-qualification tests described in the Technical Decision "Prequalification Tests", and
  - f) the supporting documents it must submit, as defined in the template in part B hereof.
3. Along with Part B of the Registration Application, the Balancing Service Provider shall submit:
  - a) a copy of the production license of the generating unit,
  - b) especially for Dispatchable CHP Units, an approval of the special operation conditions for each one of them.
4. Where the applicant is not already registered with the Balancing Service Providers Registry and/or the Balance Responsible Parties Registry, the provisions of Section 3.1.1. of this Technical Decision shall apply with regard to the remaining issues. Where the applicant is already registered with the Balancing Service Providers Registry and/or the Balance Responsible Parties Registry and only wishes to pre-register the new generating unit, the provisions of Section 3.2. of this Technical Decision shall apply.
5. Upon completion of the pre-registration of the generating unit with the Balancing Market Dispatchable Generating Units Registry, a pre-registration certificate shall be issued by the HETS Operator.
6. With regard to all other issues, the provisions of Section 3.1 of this Technical Decision shall apply.

### **3.1.2.2 Submission of Part B of the Registration Application for the Final Registration with the Balancing Market Generating Units Registry**

1. Upon completion of the Commissioning Operation and the pre-qualification tests described in the Technical Decision “Process and Pre-Qualification Tests for Balancing Service Providers”, and once the operating license has been issued, the Dispatchable Generating Units shall be definitely registered with the Balancing Market Generating Units Registry in accordance with the provisions of the following paragraphs. During the final registration of the Dispatchable Generating Unit, its Registered Characteristics shall be finalised according to the results of the pre-qualification tests.
2. For the final registration of the Dispatchable Generating Unit, the Balancing Service Provider shall submit to the HETS Operator Part B of the Registration Application in accordance with Section 3.1. of this Technical Decision where it shall complete the following details, as well as any other details provided during pre-registration that it wishes to modify:
  - a) the name or trade name of the Balancing Service Provider, as well as the EIC Code,
  - b) the name of the Dispatchable Generating Unit,
  - c) the EIC Code of the Dispatchable Generating Unit,
  - d) the Registered Characteristics of the Dispatchable Generating Unit described in the Annex “Table of Registered Characteristics” of this Technical Decision, as finalised on the basis of the results of the pre-qualification tests, and
  - e) the supporting documents it must submit, as defined in the template in part B hereof.
3. Along with Part B of the Registration Application, the Balancing Service Provider shall also submit a Copy of the operating license for every Dispatchable Generating Unit.
4. Upon completion of the registration of the Dispatchable Generating Unit with the Balancing Market Dispatchable Generating Units Registry, a registration certificate shall be issued by the HETS Operator.
5. With regard to all other issues, the provisions of Section 3.1 of this Technical Decision shall apply.

### **3.1.3 Submission of Part C of the Registration Application**

#### **3.1.3.1 Submission of Part C of the Registration Application for the pre-registration with the Dispatchable Storage Entities Registry**

1. For a storage entity to be put in Commissioning Operation or to undergo pre-qualification tests, the entity must have pre-registered with the Dispatchable Storage Entities Registry.
2. For the pre-registration of a storage entity with the Dispatchable Storage Entities Registry, the Balancing Service Provider shall submit to the HETS Operator Part C of the Registration Application, where it shall complete the following details:
  - a) the name or trade name of the Balancing Service Provider, as well as the EIC Code,
  - b) the name of the storage entity,



- c) the Operator of the storage entity,
  - d) The Contact Details of the operator of the storage entity,
  - e) the number of BESS and RES Units with big storage that constitute the storage entity, and the detailed codes of their meters, according to the template in Annex 8.3, and
  - f) the already known Registered Characteristics of the storage entity that are described in the Annex “Table of Registered Characteristics” of this Technical Decision. Such details are not final and are subject to adjustment based on the result of the pre-qualification tests described in the Technical Decision “Process and Pre-Qualification Tests for Balancing Service Providers”, and
  - g) the supporting documents it must submit, as defined in the template in part C hereof.
3. For the pre-registration of the storage entity, along with Part C of the Registration Application, the Balancing Service Provider shall also submit to the HETS Operator the following documents:
- a) the statement of representation for the facilities constituting the represented storage entity, in accordance with the template in Annex 8.9, and
  - b) in electronic format (excel file), the details of the large BESS or the RES Unit with big storage, or of the small BESS included in the storage portfolio, according to the template in Annex 8.7.
- Moreover, upon completion of the Commissioning Operation and before the pre-qualification tests, a technical report shall be submitted as in the template of Annex 8.12, whereby the Balancing Service Provider, under its own responsibility, shall state the technical readiness for the provision of Balancing Services by the storage entity.
4. Where the applicant is not already registered with the Balancing Service Providers Registry and/or the Balance Responsible Parties Registry, the provisions of Section 3.1.1. of this Technical Decision shall apply with regard to the remaining issues. Where the applicant is already registered with the Balancing Service Providers Registry and/or the Balance Responsible Parties Registry and only wishes to pre-register the new storage entity, the provisions of Section 3.2. of this Technical Decision shall apply.
5. Upon completion of the pre-registration of the storage entity with the Dispatchable Storage Entities Registry, a pre-registration certificate shall be issued by the HETS Operator.
6. With regard to all other issues, the provisions of Section 3.1 of this Technical Decision shall apply.

### **3.1.3.2 Submission of Part C of the Registration Application for the final registration with the Dispatchable Storage Entities Registry**

1. Upon completion of the Commissioning Operation and the pre-qualification tests described in the Technical Decision “Process and Pre-Qualification Tests for Balancing Service Providers”, the issuance of an EIC code for Dispatchable Big BESS and Dispatchable RES Units with big storage, and once the respective operating licenses have been issued, the Dispatchable Storage Entities shall be finally registered with the Dispatchable Storage Entities Registry in accordance with the provisions of the following paragraphs. During the final registration of the Storage Entity, its Registered Characteristics shall be finalised according to the results of the pre-qualification tests.
2. For the final registration of the Dispatchable Storage Entity, the Balancing Service Provider shall resubmit to the HETS Operator Part C of the Registration Application, where it shall additionally fill in the EIC code of the Dispatchable Storage Entity, if it is a Dispatchable Big BESS or a Dispatchable RES Unit with big storage, and its Registered Characteristics described in the Annex “Table of Registered Characteristics” of this Technical Decision, as finalised based on the results of the pre-qualification tests.
3. Along with Part C of the Registration Application, the Balancing Service Provider shall also submit a copy of the operating license, if required by applicable legislation, for each facility included in each Dispatchable Storage Entity.
4. Upon completion of the registration of the Dispatchable Storage Entity with the Dispatchable Storage Entities Registry, a registration certificate shall be issued by the HETS Operator.
5. With regard to all other issues, the provisions of Section 3.1 of this Technical Decision shall apply.

### **3.1.4 Submission of Part D of the Registration Application**

#### **3.1.4.1 Submission of Part D of the Registration Application for the pre-registration with the Dispatchable Non-Intermittent Generation Portfolios Registry**

1. For a Non-Intermittent Generation Portfolio to be put in Commissioning operation or to undergo pre-qualification tests, it must have been pre-registered with the Dispatchable Non-Intermittent Generation Portfolios Registry. The portfolio under testing must also have been entered in the Table of RES and CHP Units and Market Participants, which DAPEEP maintains and notifies to the HETS Operator in accordance with the provisions of the Operator of Renewable Energy Sources & Guarantees of Origin.
2. For the pre-registration of a Non-Intermittent Generation Portfolio with the Dispatchable Non-Intermittent Generation Portfolios Registry, the Balancing Service Provider shall submit to the HETS Operator Part D of the Registration Application, where it shall complete the following details:
  - a) the name or trade name of the Balancing Service Provider, as well as the EIC Code,
  - b) the name of the Non-Intermittent Generation Portfolio,
  - c) the Operator of the Non-Intermittent Generation Portfolio,

- d) the Contact Details of the Operator of the Non-Intermittent Generation Portfolio,
  - e) the number of Generating Units and RES Units included in the Non-Intermittent Generation Portfolio, and the detailed codes of their meters, according to Annex 8.4,
  - f) the already known Registered Characteristics of the Non-Intermittent Generation Portfolio that are described in the Annex "Table of Registered Characteristics" of this Technical Decision. Such details are not final and are subject to adjustment based on the result of the pre-qualification tests described in the Technical Decision "Process and Pre-Qualification Tests for Balancing Service Providers", and
  - g) the supporting documents it must submit, as defined in the template in part D hereof.
3. For the pre-registration, along with Part D of the Registration Application, the Balancing Service Provider shall also submit to the HETS Operator the following documents:
- a) the statement of representation for the facilities included in the represented non-intermittent generation portfolio, in accordance with the template in Annex 8.9, and
  - b) details of the Generating Units or RES Units included in the non-intermittent generation portfolio, in electronic format (excel file), in accordance to the template in Annex 8.7.

Moreover, upon completion of the Commissioning Operation and before the pre-qualification tests, technical report shall be submitted as in the template of Annex 8.12, whereby the Balancing Service Provider, under its own responsibility, shall state the technical readiness for the provision of Balancing Services by the non-intermittent generation portfolio.

- 4. Where the applicant is not already registered with the Balancing Service Providers Registry and/or the Balance Responsible Parties Registry, the provisions of Section 3.1.1. of this Technical Decision shall apply with regard to the remaining issues. Where the applicant is already registered with the Balancing Service Providers Registry and/or the Balance Responsible Parties Registry and only wishes to pre-register the new non-intermittent generation portfolio, the provisions of Section 3.2. of this Technical Decision shall apply.
- 5. Upon completion of the pre-registration of the non-intermittent generation portfolio with the Dispatchable Non-Intermittent Generation Portfolios Registry, a pre-registration certificate shall be issued by the HETS Operator.
- 6. With regard to all other issues, the provisions of Section 3.1 of this Technical Decision shall apply.

#### **3.1.4.2 Submission of Part D of the Registration Application for the final registration with the Dispatchable Non-Intermittent Generation Portfolios Registry**

- 1. Upon completion of the Commissioning Operation and the pre-qualification tests described in the Technical Decision "Process and Pre-Qualification Tests for Balancing Service Providers" and once the operating license for the Generating Unit and the RES Units included in the Dispatchable Non-Intermittent Generation Portfolios has been issued, if required by applicable legislation, the latter shall be definitely registered with the Dispatchable Non-Intermittent Generation Portfolios Registry in accordance with the provisions of the following paragraphs. During the final registration of the Dispatchable Non-Intermittent Generation Portfolio, its Registered Characteristics shall be finalised according to the results of the pre-qualification tests.

2. For the final registration of the Dispatchable Non-Intermittent Generation Portfolio, the Balancing Service Provider shall resubmit to the HETS Operator Part D of the Registration Application and the Registered Characteristics of the Dispatchable Non-Intermittent Generation Portfolio described in the Annex “Table of Registered Characteristics” of this Technical Decision, as finalised based on the results of the pre-qualification tests.
3. Along with Part D of the Registration Application, the Balancing Service Provider shall also submit a copy of the operating license of the Generating Unit or RES Unit included in each Dispatchable Non-Intermittent Generation Portfolio.

4. Upon completion of the registration of the Dispatchable Non-Intermittent Generation Portfolio with the Dispatchable Non-Intermittent Generation Portfolios Registry, a registration certificate shall be issued by the HETS Operator.
5. With regard to all other issues, the provisions of Section 3.1 of this Technical Decision shall apply.

### **3.1.5 Submission of Part E of the Registration Application**

#### **3.1.5.1 Submission of Part E of the Registration Application for the pre-registration with the Dispatchable Intermittent Generation Portfolios Registry**

1. For an Intermittent Generation Portfolio to be put in Commissioning operation or to undergo pre-qualification tests, it must have been pre-registered with the Dispatchable Non-Intermittent Generation Portfolios Registry. The portfolio under testing must also have been entered in the Table of RES and CHP Units and Market Participants, which DAPEEP maintains and notifies to the HETS Operator in accordance with the provisions of the Operator of Renewable Energy Sources & Guarantees of Origin.
2. For the pre-registration of an Intermittent Generation Portfolio with the Dispatchable Intermittent Generation Portfolios Registry, the Balancing Service Provider shall submit to the HETS Operator Part E of the Registration Application, where it shall complete the following details:
  - a) the name or trade name of the Balancing Service Provider, as well as the EIC Code,
  - b) the name of the Intermittent Generation Portfolio,
  - c) the Operator of the Intermittent Generation Portfolio,
  - d) the Contact Details of the Operator of the Intermittent Generation Portfolio,
  - e) the number of RES Units included in the Intermittent Generation Portfolio, and the detailed codes of their meters, according to the template in Annex 8.5,
  - f) the already known Registered Characteristics of the Intermittent Generation Portfolio that are described in the Annex "Table of Registered Characteristics" of this Technical Decision. Such details are not final and are subject to adjustment based on the result of the pre-qualification tests described in the Technical Decision "Process and Pre-Qualification Tests for Balancing Service Providers", and
  - g) the supporting documents it must submit, as defined in the template in part E hereof.

3. For the pre-registration, along with Part E of the Registration Application, the Balancing Service Provider shall also submit to the HETS Operator the following documents:
  - a) a) the statement of representation for RES Units included in the represented intermittent generation portfolio, in accordance with the template in Annex 8.9, and
  - b) details of the RES Units included in the intermittent generation portfolio, in electronic format (excel file), in accordance with the template in Annex 8.7.

Moreover, upon completion of the Commissioning Operation and before the pre-qualification tests, technical report shall be submitted as in the template of Annex 8.12, whereby the Balancing Service Provider, under its own responsibility, shall state the technical readiness for the provision of Balancing Services by the non-intermittent generation portfolio.

4. Where the applicant is not already registered with the Balancing Service Providers Registry and/or the Balance Responsible Parties Registry, the provisions of Section 3.1.1. of this Technical Decision shall apply with regard to the remaining issues. Where the applicant is already registered with the Balancing Service Providers Registry and/or the Balance Responsible Parties Registry and only wishes to pre-register the new intermittent generation portfolio, the provisions of Section 3.2. of this Technical Decision shall apply.
5. Upon completion of the pre-registration of the intermittent generation portfolio with the Dispatchable Intermittent Generation Portfolios Registry, a pre-registration certificate shall be issued by the HETS Operator.
6. With regard to all other issues, the provisions of Section 3.1 of this Technical Decision shall apply.

#### **3.1.5.2 Submission of Part E of the Registration Application for the final registration with the Dispatchable Intermittent Generation Portfolios Registry**

1. Upon completion of the Commissioning Operation and the pre-qualification tests described in the Technical Decision "Process and Pre-Qualification Tests for Balancing Service Providers" and once the operating license for the RES Units has been issued, if required by applicable legislation, the Dispatchable Intermittent Generation Portfolios shall be definitely registered with the Dispatchable Intermittent Generation Portfolios Registry in accordance with the provisions of the following paragraphs. During the final registration of the Dispatchable Intermittent Generation Portfolio, its Registered Characteristics shall be finalised according to the results of the pre-qualification tests.

2. For the final registration of the Dispatchable Intermittent Generation Portfolio, the Balancing Service Provider shall resubmit to the HETS Operator Part E of the Registration Application and the Registered Characteristics of the Dispatchable Intermittent Generation Portfolio described in the Annex "Table of Registered Characteristics" of this Technical Decision, as finalised based on the results of the pre-qualification tests.
3. Along with Part E of the Registration Application, the Balancing Service Provider shall also submit a copy of the operating license of each RES Unit included in each Dispatchable Intermittent Generation Portfolio.
4. Upon completion of the registration of the Dispatchable Intermittent Generation Portfolio with the Dispatchable Intermittent Generation Portfolios Registry, a registration certificate shall be issued by the HETS Operator.
5. With regard to all other issues, the provisions of Section 3.1 of this Technical Decision shall apply.

### 3.1.6 Submission of Part F of the Registration Application

#### 3.1.6.1 Submission of Part F of the Registration Application for the pre-registration with the Dispatchable Load Registry

1. For pump or demand response load portfolio to be put in Commissioning Operation or to undergo pre-qualification tests, the portfolio must have pre-registered with the Dispatchable Load Registry.
2. For the pre-registration of a pump or demand response load portfolio with the Dispatchable Load Registry, the Balancing Service Provider shall submit to the HETS Operator Part F of the Registration Application, where it shall complete the following details:
  - a) the name or trade name of the Balancing Service Provider, as well as the EIC Code,
  - b) the name of the pump or load portfolio,
  - c) the pump or load portfolio Operator,
  - d) the contact details of the pump or load portfolio Operator,
  - e) the selected mFRR Baseline Calculation Methodology for the load portfolio. The high X/Y method for the Baseline Load calculation may not be implemented for as long as the necessary historical data on the Portfolio is not available, as described in the Baseline Calculation Methodology,
  - f) The number of meters and a detailed list of the meter identifiers that correspond to the loads constituting the load portfolio, in accordance with the template in Annex 8.6,
  - g) the already known Registered Characteristics of the Pump or Load Portfolio that are described in the Annex "Table of Registered Characteristics" of this Technical Decision. Such details are not final and are subject to adjustment based on the result of the pre-qualification tests described in the Technical Decision "Process and Pre-Qualification Tests for Balancing Service Providers", and
  - h) the supporting documents it must submit, as defined in the template in part F hereof.
3. Specifically for the pre-registration of a load portfolio, along with Part F of the Registration

Application, the Balancing Service Provider shall also submit to the HETS Operator the following documents:

- a) the statement of representation for the facilities constituting the represented portfolio, in accordance with the template in Annex 8.9, and
- b) a detailed lists of the meter identifiers that correspond to the facilities constituting the load portfolio in electronic form (excel file), in accordance with the template in Annex 8.8.

Moreover, upon completion of the Commissioning Operation and before the pre-qualification tests, technical report shall be submitted as in the template of Annex 8.12, whereby the Balancing Service Provider, under its own responsibility, shall state the technical readiness for the provision of Balancing Services by the portfolio.

4. Where the applicant is not already registered with the Balancing Service Providers Registry and/or the Balance Responsible Parties Registry, the provisions of Section 3.1.1. of this Technical Decision shall apply with regard to the remaining issues. Where the applicant is already registered with the Balancing Service Providers Registry and/or the Balance Responsible Parties Registry and only wishes to pre-register a new demand response load portfolio, the provisions of Section 3.2. of this Technical Decision shall apply with regard to the remaining issues.
5. Upon completion of the pre-registration of the pump or load portfolio with the Dispatchable Load Registry, a pre-registration certificate shall be issued by the HETS Operator.



6. With regard to all other issues, the provisions of Section 3.1 of this Technical Decision shall apply.

### **3.1.6.2 Submission of Part F of the Registration Application for the final registration with the Dispatchable Load Registry**

1. Upon completion of the Commissioning Operation and the pre-qualification tests described in the Technical Decision “Process and Pre-Qualification Tests for Balancing Service Providers”, and once the operating license and the Pump’s EIC code have been issued, the Dispatchable Loads shall be definitely registered with the Dispatchable Load Registry in accordance with the provisions of the following paragraphs. During the final registration of the Dispatchable Load, its Registered Characteristics shall be finalised according to the results of the pre-qualification tests.
2. For the final registration of the Dispatchable Load, the Balancing Service Provider shall resubmit to the HETS Operator Part F of the Registration Application, after filling in the Pump’s EIC code, and the Registered Characteristics of the Dispatchable Load described in the Annex “Table of Registered Characteristics” of this Technical Decision, as finalised based on the results of the pre-qualification tests.
3. Along with Part F of the Registration Application, the Balancing Service Provider shall also submit a copy of the operating license of the Pump included in each Dispatchable Load.
4. Upon completion of the registration of the Dispatchable Load with the Dispatchable Load Registry, a registration certificate shall be issued by the HETS Operator.
5. With regard to all other issues, the provisions of Section 3.1 of this Technical Decision shall apply.

## **3.2 Registration of new Balancing Services Entities**

1. Where the applicant is already registered with the Balancing Service Providers Registry and in the Balance Responsible Parties Registry and wishes to register or pre- register a new Balancing Services Entity, the applicant shall only submit the Part(s) of the Registration Application related to the Balancing Services Entities that it wishes to represent according to Section 3.1. of this Technical Decision. Where the applicant wishes to represent more than one Balancing Services Entities, it shall complete the appropriate Parts and submit them along with any supporting documents for each one of them separately.

2. Where the applicant is already registered with the Balancing Service Providers Registry and with the Balance Responsible Parties Registry and some of its details in the Balancing Service Providers Registry and the Balance Responsible Parties Registry have changed, except from the provisions of paragraph 1 of this Section, it shall follow the provisions of Section 6 of this Technical Decision.
3. With regard to all other issues, the provisions of Section 3.1 of this Technical Decision shall apply.

## 4 Approval or rejection of the registration

1. The HETS Operator shall register the Balancing Service Provider or the Balance Responsible Party or the Balancing Service Entity with the HETS Operator Registry within fifteen (15) business days from the day of submission of the corresponding application, provided that the application is found to be complete.
2. Upon registration, the HETS Operator shall issue a relevant certificate to the applicant. A copy of the certificate shall be notified to RAEWW, the Clearing House and the Energy Exchange. Where applicable, it shall be additionally notified to the competent Distribution Network Operators for the Dispatchable Loads or, to DAPEEP for the Dispatchable Storage Entities, the Dispatchable Non-Intermittent Generation Portfolios and the Dispatchable Intermittent Generation Portfolios.
3. The HETS Operator may reject the application for registration with the HETS Operator Registry, when:
  - a) the applicant has not submitted a complete application or has not paid the registration fee,
  - b) in the past, the Applicant has been in breach of its obligations under an earlier HETS Operator Transactions Contract or Balancing Service Contract or a Balance Responsible Party Contract or a HETS Operator Transactions Contract, resulting in the termination of the Contract, unless the circumstances giving rise to the termination have ceased to exist,
  - c) the conclusion of a Balancing Service Contract or a Balance Responsible Party Contract with the applicant is a reason of breach on the part of the HETS Operator of its obligations under any term of any mandatory legal or regulatory obligation as laid down in the applicable legislation,
  - d) The applicant has outstanding financial obligations to the HETS Operator for any reason whatsoever that have fallen due,
  - e) The relevant requirements as set out in the HETS Grid Code and the Balancing Market Rulebook are not met.
4. The HETS Operator shall justify the rejection of the Application. The rejection shall be notified to RAEWW, the Distribution Network Operators which are responsible in each case, the Clearing House and the Energy Exchange.
5. The applicant may lodge an objection within ten (10) business days from the notification of the above rejection, on which the HETS Operator shall decide within ten (10) business days. The above objection and decision shall be notified to RAEWW, the Distribution Network Operators which are responsible in each case, the Clearing House and the Energy Exchange.

6. In case of rejection of the application, the HETS Operator shall reimburse 80% of the registration fee paid for registration with the Registries specified in section 3.1 hereof and in the Balancing Market Rulebook.

## 5 Publication of the HETS Operator Registry

1. The HETS Operator shall publish the following details on its website: Regarding the Balancing Service Providers Registry:

- a) the name or trade name of the Balancing Service Provider, b) the capacity/capacities of the Balancing Service Provider, and
- c) the EIC code of the Balancing Service Provider.

Regarding the Balance Responsible Parties Registry:

- a) the name or trade name of the Balance Responsible Party,
- b) the capacity/capacities of the Balance Responsible Party, and c) the EIC code of the Balance Responsible Party.

Regarding the Balancing Market Dispatchable Generating Units Registry: a) the name of the Dispatchable Generating Unit, and

- b) the Maximum Net Capacity of the Dispatchable Generating Unit.

Regarding the Dispatchable Storage Entities Registry:

- a) the name of the Dispatchable Storage Entity.

Regarding the Dispatchable Non-Intermittent Generation Portfolios Registry:

- a) the name of the Dispatchable Non-Intermittent Generation Portfolio.

Regarding the Dispatchable Intermittent Generation Portfolios Registry:

- a) the name of the Dispatchable Intermittent Generation Portfolio.

Regarding the Dispatchable Load Registry:

- b) the name of the Dispatchable Load.

2. The HETS Operator shall publish on its website any change in the data of paragraph 1 of this section.

## 6 Amendment to the Registry

1. Those registered with the HETS Operator Registry are obliged to immediately inform the HETS Operator of any change in Registry data pertaining to them or to the existing Balancing Service Entities they represent, including changes regarding the filing of an application or the issuance of a decision for their declaration of bankruptcy, or placement under compulsory administration, or placement under arrangement/reorganisation, or cessation of payments, or other procedure for collective satisfaction of creditors, or for dissolution.
2. Where a registered Balancing Service Provider/Balance Responsible Party wishes to change its own details in the HETS Operator Registry, it shall resubmit the Registration Application to the HETS Operator including the details of Part A, as well as any details of Parts B to F that it wishes to change. This Application shall indicate the changed details and include only any new supporting documents in the form of attachments. The supporting documents that have already been submitted and are still valid shall not be resubmitted.
3. If the change is related to the Dispatchable Load Portfolio details, there is a distinction between the following cases:
  - a) If required, the HETS Operator shall amend the Table of Meters for the Dispatchable Load Portfolios that it maintains in accordance with the Balancing Market Rulebook within five (5) business days from the submission of the application and provided that the application is found to be complete, taking into consideration the time that is required for the finalisation of the Table as set out in section 2.4 (par. 6) herein.
  - b) Regarding the amendment of the selected mFRR Methodology for the Calculation of the Baseline, and if the application for modification has been submitted until the 15th day of month M, the implementation period shall start no later than the 1st day of the following month M+1.
  - c) More specifically, for amendments to the composition of an existing portfolio, the “High X/Y” method for the mFRR Baseline Load Calculation and the “Average X/Y” method for Baseline Load Calculation for participation in the Day-Ahead Market and the Intraday Market may not be applied as long as the necessary historical data on the portfolio is not available, as described in the Baseline Load Calculation.
4. In the event that the change concerns items of a Dispatchable Storage Portfolio or a Dispatchable Non-Intermittent Generation Portfolio or a Dispatchable Intermittent Generation Portfolio, the following cases can be identified:

- a) If the change is related to the modification of the composition of the existing portfolio, the Balancing Service Provider is obliged to notify both the HETS Operator and DAPEEP at the same time. DAPEEP shall appropriately update the Table of BESSs and Market Participants and the Table of RES and CHP Units and Market Participants, as appropriate, and send it immediately to the HETS Operator. With regard to all other issues the provisions of Section 3.2 of this Technical Decision shall apply.
  - b) If the change is related to the modification of the Registered Characteristics of an existing portfolio without the addition or removal of any Generating Unit or RES Unit or BESS, the HETS Operator shall notify DAPEEP upon successful completion of the pre-qualification tests, if such tests need to be repeated, so that it can amend the Table of BESSs and Market Participants and the Table of RES and CHP Units and Market Participants accordingly.
- 5. The HETS Operator determines whether, in accordance with the criteria of Technical Decision “Process and Pre-Qualification Tests for Balancing Service Providers” any upcoming change in the technical characteristics of the Portfolio requires the re-performance of pre-qualification tests.
  - 6. The Balancing Service Provider shall again pay 50 % of the registration fee applicable to Balancing Service Entities for the execution of new pre-qualification tests.
  - 7. The HETS Operator shall notify the RAEWW, the Distribution Network Operators which are responsible in each case, the Clearing House and the Energy Exchange of any changes in the data held in the Registry.

## 7 Deletion from the HETS Operator Registry

1. The registered Balancing Service Provider or the Balance Responsible Party, as well as the Balancing Services Entities it represents shall be deleted from the HETS Operator Registry, where the Balancing Service Provider Contract or the Balance Responsible Party Contract is terminated, in accordance with Article 4.4 of the Balancing Market Rulebook.
2. The Balancing Market Dispatchable Generating Units and the Pumps shall be deleted from the respective Registry if they permanently cease to operate, as a result of a relevant decision by RAEWW, in accordance with applicable legislation.
3. Dispatchable Big BESSs and Dispatchable RES Units with big storage shall be deleted from the respective Registry, if their license is terminated or revoked and/or after a relevant written declaration by their representative has been submitted to the HETS Operator.
4. The Dispatchable Storage Portfolios, the Dispatchable Non-Intermittent Generation Portfolios, the Dispatchable Intermittent Generation Portfolios and the Dispatchable Load Portfolios shall be deleted from the respective Registry, following a written declaration by their representative to the HETS Operator. The facility included in each portfolio shall be deleted if its license is terminated or revoked and/or after a relevant written declaration by its representative has been submitted to the HETS Operator.
5. In particular, regarding the Dispatchable Storage Portfolios, if the Balancing Service Provider wishes to have the portfolio deleted, it is obliged to also notify DAPEEP so that it can amend the Table of BESSs and Market Participants accordingly. The final deletion of the storage portfolio from the HETS Operator Registry shall take effect on the day that it ceases to be characterised as dispatchable in the Table of BESSs and Market Participants.
6. Regarding the Dispatchable Non-Intermittent Generation Portfolios and the Dispatchable Intermittent Generation Portfolios, if the Balancing Service Provider wishes to have the portfolio deleted, it is obliged to also notify DAPEEP so that it can amend the Table of RES and CHP Units and Market Participants accordingly. The final deletion of the Dispatchable Non-Intermittent Generation Portfolio or the Dispatchable Intermittent Generation Portfolio from the HETS Operator Registry shall take effect on the day that it ceases to be characterised as dispatchable in the Table of RES and CHP Units and Market Participants.



7. If the Dispatchable Storage Portfolio that is to be deleted or the Dispatchable Non-Intermittent Generation Portfolio that is to be deleted or the Dispatchable Intermittent Generation Portfolio that is to be deleted wishes to continue participating in the Market as non-dispatchable, upon its deletion from the respective Registry, its representative shall inform DAPEEP and HETS Operator of the continuation of its participation with the existing composition as a “Non-Dispatchable Units Portfolio”. In this case, the date of commencement of activity in the Market as a Non-Dispatchable Units Portfolio shall be the day following the date of termination of its activity as a Dispatchable Storage Portfolio or a Dispatchable Non-Intermittent Generation Portfolio or a Dispatchable Intermittent Generation Portfolio.
8. The HETS Operator shall notify the RAEWW, the Distribution Network Operators which are responsible in each case, the Clearing House and the Energy Exchange of any changes in the data held in the Registry.

## 8 Annex

### 8.1 Application Template - Part A

APPLICATION FOR REGISTRATION WITH THE HETS OPERATOR REGISTRY / PART A			
FULL NAME or COMPANY NAME			
FOR REGISTRATION WITH THE BALANCING SERVICE PROVIDERS REGISTRY			
FOR REGISTRATION WITH THE BALANCE RESPONSIBLE PARTY REGISTRY			
EIC CODE			
APPLICANT'S CAPACITIES (Please complete one or more depending on the case)			
Producer		Trader	
RES Producer		Consumer	
Auto-producer		Aggregator	
Supplier		Supplier of Last Resort	
Self-Supplied Customer		Storage License Holder	
Universal Service Supplier			
TIN			
TAX OFFICE			
General Commercial Register (GEMI) Number			
LEGAL REPRESENTATIVE			
REGISTERED SEAT ADDRESS			
CONTACT ADDRESS			
CONTACT PERSON			
PHONE NUMBER			
EMAIL			
SUPPORTING DOCUMENTS (Mark with an X the documents from the following list which are submitted along with Part A of the application)			
Copy of the Production License or Producer Certificate			
<b>For RES Producers</b> Copy of the Differential Premium Operating Aid Contract (DPAC) <b>or</b> DAPEEP Certificate regarding the operation status of the RES and CHP Units falling under the provisions of Article 3(19) of Law 4414/2016.			
Copy of the Supply License			
Copy of the Trading License			
Copy of the Aggregator License			
Copy of the Storage License			
Legalising Documents			
Solemn declaration of the Applicant listing the documents attached according to the Template.			
Certificate issued by the Clearing House confirming that a Clearing Account has been set up for the applicant as a Direct Clearing Member or that a Clearing Account has been set up by the General Clearing Member for the applicant.  Where there is no Clearing House for a specific Balancing Market for any reason whatsoever, the applicant shall provide guarantees in accordance with the provisions of Article 25.5 of the Balancing Market Rulebook.			
Guarantees (in accordance with the HETS Grid Code).			

By submitting this Registration Application, we declare that we expressly and unreservedly accept the Balancing Market Rulebook, the HETS Grid Code and the relevant Technical Decisions and Manuals, as amended from time to time and as in force and we undertake the responsibility to comply with their content and fulfill the financial obligations resulting therefrom. Furthermore, we declare that the above information and all the supporting documents submitted are true and correct and have not been modified so far. We expressly declare that we undertake the responsibility to notify you of any change in the above details and documents/licenses, by sending, without any delay, certified copies of all the crucial documents, assuming responsibility for any loss that you may suffer as a result of our omission. Finally, we expressly and unreservedly declare that we consent to the processing of any personal data that are included in this application and the supporting documents by IPTO S.A., in accordance with the provisions of Regulation (EU) 2016/679 (General Data Protection Regulation), and that we have been informed of the processing of our personal data by the General Privacy Policy of IPTO S.A., which is posted on its official website.

Legal Representative

(Date) (Full name)

(Company stamp)

(Certification of the authenticity of the signature)

## 8.2 Application Template - Part B

APPLICATION FOR REGISTRATION WITH THE HETS OPERATOR REGISTRY / PART B	
FULL NAME or COMPANY NAME OF BALANCING SERVICE PROVIDER	
EIC CODE OF BALANCING SERVICE PROVIDER	
NAME Generating Unit (pre-registration) or Dispatchable Generating Unit (final registration)	
Generating Unit EIC Code (to be filled in the final registration application)	
OPERATOR <sup>1</sup> Generating Unit (pre-registration) or Dispatchable Generating Unit (final registration)	
REGISTERED SEAT ADDRESS OF THE OPERATOR	
CONTACT ADDRESS OF THE OPERATOR	
CONTACT PERSON OF THE OPERATOR	
PHONE NUMBER	
EMAIL	
<b>SUPPORTING DOCUMENTS</b> (Mark with an X the documents from the following list which are submitted along with Part B of the application)	
Copy of the Production License	
Especially for Dispatchable HECHP Units, approval of the special operation conditions	
Registered Characteristics of a Generating Unit	
Copy of the Operating License	

By submitting this Registration Application, we declare that we expressly and unreservedly accept the Balancing Market Rulebook, the HETS Grid Code and the relevant Technical Decisions and Manuals, as amended from time to time and as in force and we undertake the responsibility to comply with their content and fulfill the financial obligations resulting therefrom. Furthermore, we declare that the above information and all the supporting documents submitted are true and correct and have not been modified so far. We expressly declare that we undertake the responsibility to notify you of any change in the above details and documents/licenses, by sending, without any delay, certified copies of all the crucial documents, assuming responsibility for any loss that you may suffer as a result of our omission. Finally, we expressly and unreservedly declare that we consent to the processing of any personal data that are included in this application and the supporting documents by IPTO S.A., in accordance with the provisions of Regulation (EU) 2016/679 (General Data Protection Regulation), and that we have been informed of the processing of our personal data by the General Privacy Policy of IPTO S.A., which is posted on its official website.

Legal Representative

(Date) (Full name)  
(Company stamp)  
(Certification of the authenticity of the signature)

<sup>1</sup> The Balancing Service Provider (i.e. the applicant) shall designate the entity's Operator. For example, either the Balancing Service Provider itself or the owner of the Entity, if it is different from the Provider (when the entity is represented by an Aggregator), may be designated as the operator.

### 8.3 Application Template - Part C

APPLICATION FOR REGISTRATION WITH THE HETS OPERATOR REGISTRY / PART C- PAGE 1	
FULL NAME or COMPANY NAME OF BALANCING SERVICE PROVIDER	
EIC CODE OF BALANCING SERVICE PROVIDER	
NAME <sup>2</sup> Storage Entity (pre-registration) or Dispatchable Storage Entity (final registration)	
Storage Entity EIC Code (to be filled in the final registration application only for Dispatchable Big BESS and Dispatchable RES Units with integrated big storage)	
OPERATOR <sup>3</sup> Storage Entity (pre-registration) or Dispatchable Storage Entity (final registration)	
REGISTERED SEAT ADDRESS OF THE OPERATOR	
CONTACT ADDRESS OF THE OPERATOR	
CONTACT PERSON OF THE OPERATOR	
PHONE NUMBER	
EMAIL	
<b>SUPPORTING DOCUMENTS</b> (Mark with an X the documents from the following list which are submitted along with Part C of the application)	
Technical Report	
Statement of Representation for the facilities constituting the Storage Entity	
Excel file with details of the facilities constituting the Storage Entity	
Storage license for BESS or production license for RES Unit with integrated big storage	
Operating License for BESS or RES Unit with integrated big storage	
Registered Characteristics of the Storage Entity	

<sup>2</sup> This field is optional in the pre-registration application. In the final registration application, it shall be filled in with the name indicated to the Balancing Service Provider by the HETS Operator.

<sup>3</sup> The Balancing Service Provider (i.e. the applicant) shall designate the entity's Operator. For example, either the Balancing Service Provider itself or the owner of the Entity, if it is different from the Provider (when the entity is represented by an Aggregator), may be designated as the operator.

[illegible]

By submitting this Registration Application, we declare that we expressly and unreservedly accept the Balancing Market Rulebook, the HETS Grid Code and the relevant Technical Decisions and Manuals, as amended from time to time and as in force and we undertake the responsibility to comply with their content and fulfill the financial obligations resulting therefrom. Furthermore, we declare that the above information and all the supporting documents submitted are true and correct and have not been modified so far. We expressly declare that we undertake the responsibility to notify you of any change in the above details and documents/licenses, by sending, without any delay, certified copies of all the crucial documents, assuming responsibility for any loss that you may suffer as a result of our omission. Finally, we expressly and unreservedly declare that we consent to the processing of any personal data that are included in this application and the supporting documents by IPTO S.A., in accordance with the provisions of Regulation (EU) 2016/679 (General Data Protection Regulation), and that we have been informed of the processing of our personal data by the General Privacy Policy of IPTO S.A., which is posted on its official website.

Legal Representative

(Date) (Full name)  
(Company stamp)  
(Certification of the authenticity of the signature)

<sup>4</sup> This field is optional in the pre-registration application. In the final registration application, it shall be filled in with the name indicated to the Balancing Service Provider by the HETS Operator.

## 8.4 Application Template - Part D

APPLICATION FOR REGISTRATION WITH THE HETS OPERATOR REGISTRY / PART D- PAGE 1	
FULL NAME or COMPANY NAME OF BALANCING SERVICE PROVIDER	
EIC CODE OF BALANCING SERVICE PROVIDER	
NAME <sup>5</sup> Non-Intermittent Generation Portfolio (pre-registration), OR Dispatchable Non-Intermittent Generation Portfolio (final registration)	
OPERATOR <sup>6</sup> Non-Intermittent Generation Portfolio (pre-registration), OR Dispatchable Non-Intermittent Generation Portfolio (final registration)	
REGISTERED SEAT ADDRESS OF THE OPERATOR	
CONTACT ADDRESS OF THE OPERATOR	
CONTACT PERSON OF THE OPERATOR	
PHONE NUMBER	
EMAIL	
<b>SUPPORTING DOCUMENTS</b> (Mark with an X the documents from the following list which are submitted along with Part D of the application)	
Statement of representation for the facilities constituting the Non-Intermittent Generation Portfolio	
Excel file with the meter identifiers of the facilities constituting the Non-Intermittent Generation Portfolio	
Production license for a generating unit included in the Non- Intermittent Generation Portfolio	
Production License for RES Units included in the Non- Intermittent Generation Portfolio	
Operating license for a generating unit included in the Non- Intermittent Generation Portfolio	
Operating License for RES Units included in the Non- Intermittent Generation Portfolio	
Registered Characteristics of the Portfolio	

<sup>5</sup> This field is optional in the pre-registration application. In the final registration application, it shall be filled in with the name indicated to the Balancing Service Provider by the HETS Operator.

<sup>6</sup> The Balancing Service Provider (i.e. the applicant) shall designate the entity's Operator. For example, either the Balancing Service Provider itself or the owner of the Entity, if it is different from the Provider (when the entity is represented by an Aggregator), may be designated as the operator.

[illegible]

By submitting this Registration Application, we declare that we expressly and unreservedly accept the Balancing Market Rulebook, the HETS Grid Code and the relevant Technical Decisions and Manuals, as amended from time to time and as in force and we undertake the responsibility to comply with their content and fulfill the financial obligations resulting therefrom. Furthermore, we declare that the above details and all the supporting documents submitted are true and correct and have not been amended so far. We expressly declare that we undertake the responsibility to notify you of any change in the above details and documents/licenses, by sending, without any delay, certified copies of all the crucial documents, assuming responsibility for any loss that you may suffer as a result of our omission. Finally, we expressly and unreservedly declare that we consent to the processing of any personal data that are included in this application and the supporting documents by IPTO S.A., in accordance with the provisions of Regulation (EU) 2016/679 (General Data Protection Regulation), and that we have been informed of the processing of our personal data by the General Privacy Policy of IPTO S.A., which is posted on its official website.

Legal Representative

(Date) (Full name)  
(Company stamp)  
(Certification of the authenticity of the signature)

<sup>7</sup> This field is optional in the pre-registration application. In the final registration application, it shall be filled in with the name indicated to the Balancing Service Provider by the HETS Operator.



## 8.5 Application Template - Part E

APPLICATION FOR REGISTRATION WITH THE HETS OPERATOR REGISTRY / PART E - PAGE 1	
FULL NAME or COMPANY NAME OF BALANCING SERVICE PROVIDER	
EIC CODE OF BALANCING SERVICE PROVIDER	
NAME <sup>8</sup> Intermittent Generation Portfolio (pre-registration), OR Dispatchable Intermittent Generation Portfolio (final registration)	
OPERATOR <sup>9</sup> Intermittent Generation Portfolio (pre-registration), OR Dispatchable Intermittent Generation Portfolio (final registration)	
REGISTERED SEAT ADDRESS OF THE OPERATOR	
CONTACT ADDRESS OF THE OPERATOR	
CONTACT PERSON OF THE OPERATOR	
PHONE NUMBER	
EMAIL	
SUPPORTING DOCUMENTS (Mark with an X the documents from the following list which are submitted along with Part E of the application)	
Statement of representation for the facilities constituting the Intermittent Generation Portfolio	
Excel file with the meter identifiers of the facilities constituting the Intermittent Generation Portfolio	
Production License for RES Units constituting the Intermittent Generation Portfolio	
Operating License for RES Units constituting the Intermittent Generation Portfolio	
Registered Characteristics of the Portfolio	

<sup>8</sup> This field is optional in the pre-registration application. In the final registration application, it shall be filled in with the name indicated to the Balancing Service Provider by the HETS Operator.

<sup>9</sup> The Balancing Service Provider (i.e. the applicant) shall designate the entity's Operator. For example, either the Balancing Service Provider itself or the owner of the Entity, if it is different from the Provider (when the entity is represented by an Aggregator), may be designated as the operator.

[illegible]

By submitting this Registration Application, we declare that we expressly and unreservedly accept the Balancing Market Rulebook, the HETS Grid Code and the relevant Technical Decisions and Manuals, as amended from time to time and as in force and we undertake the responsibility to comply with their content and fulfill the financial obligations resulting therefrom. Furthermore, we declare that the above information and all the supporting documents submitted are true and correct and have not been modified so far. We expressly declare that we undertake the responsibility to notify you of any change in the above details and documents/licenses, by sending, without any delay, certified copies of all the crucial documents, assuming responsibility for any loss that you may suffer as a result of our omission. Finally, we expressly and unreservedly declare that we consent to the processing of any personal data that are included in this application and the supporting documents by IPTO S.A., in accordance with the provisions of Regulation (EU) 2016/679 (General Data Protection Regulation), and that we have been informed of the processing of our personal data by the General Privacy Policy of IPTO S.A., which is posted on its official website.

Legal Representative

(Date) (Full name)  
(Company stamp)  
(Certification of the authenticity of the signature)

<sup>10</sup> This field is optional in the pre-registration application. In the final registration application, it shall be filled in with the name indicated to the Balancing Service Provider by the HETS Operator.

## 8.6 Application Template - Part F

APPLICATION FOR REGISTRATION WITH THE HETS OPERATOR REGISTRY / PART F - PAGE 1	
FULL NAME or COMPANY NAME OF BALANCING SERVICE PROVIDER	
EIC CODE OF BALANCING SERVICE PROVIDER	
NAME <sup>11</sup> Pump or demand response Load Portfolio (pre- registration) or Dispatchable Load (final registration)	
Pump's EIC Code (to be filled in the final registration application for pumps only)	
OPERATOR <sup>12</sup> Pump or demand response Load Portfolio (pre- registration) or Dispatchable Load (final registration)	
REGISTERED SEAT ADDRESS OF THE OPERATOR	
CONTACT ADDRESS OF THE OPERATOR	
CONTACT PERSON OF THE OPERATOR	
PHONE NUMBER	
EMAIL	
<b>SUPPORTING DOCUMENTS</b> (Mark with an X the documents from the following list which are submitted along with Part F of the application)	
Technical Report of the Portfolio	
Pump's license	
Pump's operating license	
Statement of representation for the facilities constituting the Load Portfolio	
Excel file with the meter identifiers of the facilities constituting the Load Portfolio	

<sup>11</sup> This field is optional in the pre-registration application. In the final registration application, it shall be filled in with the name indicated to the Balancing Service Provider by the HETS Operator.

<sup>12</sup> The Balancing Service Provider (i.e. the applicant) shall designate the entity's Operator. For example, either the Balancing Service Provider itself or the owner of the Entity, if it is different from the Provider (when the entity is represented by an Aggregator), may be designated as the operator.

[illegible]

By submitting this Registration Application, we declare that we expressly and unreservedly accept the Balancing Market Rulebook, the HETS Grid Code and the relevant Technical Decisions and Manuals, as amended from time to time and as in force and we undertake the responsibility to comply with their content and fulfill the financial obligations resulting therefrom. Furthermore, we declare that the above information and all the supporting documents submitted are true and correct and have not been modified so far. We expressly declare that we undertake the responsibility to notify you of any change in the above details and documents/licenses, by sending, without any delay, certified copies of all the crucial documents, assuming responsibility for any loss that you may suffer as a result of our omission. Finally, we expressly and unreservedly declare that we consent to the processing of any personal data that are included in this application and the supporting documents by IPTO S.A., in accordance with the provisions of Regulation (EU) 2016/679 (General Data Protection Regulation), and that we have been informed of the processing of our personal data by the General Privacy Policy of IPTO S.A., which is posted on its official website.

Legal Representative

(Date) (Full name)  
(Company stamp)  
(Certification of the authenticity of the signature)

<sup>13</sup> This field is optional in the pre-registration application. In the final registration application, it shall be filled in with the name indicated to the Balancing Service Provider by the HETS Operator.

### **8.7 Facilities Representation Table of a Storage Entity / Non-Intermittent Generation Portfolio / Intermittent Generation Portfolio sent by the Balancing Service Provider electronically in excel format**

The following details shall be entered by the Balancing Service Provider in this table and sent in the format of the attached excel file:

- Trade Name of Balancing Service Provider to which the Storage Entity / Non-Intermittent Generation Portfolio / Intermittent Generation Portfolio belongs
- EIC Code of Balancing Service Provider to which the Storage Entity / Non-Intermittent Generation Portfolio / Intermittent Generation Portfolio belongs
- Name of Storage Entity / Non-Intermittent Generation Portfolio / Intermittent Generation Portfolio, as registered in the IPTO systems
- Name of Storage Entity / Non-Intermittent Generation Portfolio / Intermittent Generation Portfolio facility
- Location of Storage Entity / Non-Intermittent Generation Portfolio / Intermittent Generation Portfolio facility
- Connection voltage level of Storage Entity / Non-Intermittent Generation Portfolio / Intermittent Generation Portfolio facility
- Registration code in the DAPEEP Registry for each facility belonging to the Storage Entity / Non-Intermittent Generation Portfolio / Intermittent Generation Portfolio
- Type of technology for RES Units
- Maximum Net Generation Capacity of the RES Unit
- Maximum Injection Capacity of the storage for BESS and RES Units with integrated storage
- Maximum Absorption Capacity of the storage for BESS and RES Units with integrated storage
- Guaranteed (useful) Capacity of the storage for SBESS and RES Units with integrated storage
- Type of Dispatchable Entity
- Serial Number of Dispatchable Entity, and
- Meter identifier for a facility belonging to the Storage Entity / Non-Intermittent Generation Portfolio / Intermittent Generation Portfolio



Storage\_Res\_Repre  
sentation.xlsx

## 8.8 Table of Meters for the demand response Load Portfolios to be electronically sent by the Balancing Service Provider in excel format

[illegible]

## 8.9 Template of statement of representation

### AGGREGATOR'S ELECTRICITY METER REPRESENTATION DECLARATION

In ..... (city), today, on ..... (date), the company under the trade name ....., hereinafter referred to in brief as **"Aggregator"**, which is legally represented for the signing of this declaration by Mr./Mrs ....., son/daughter of ....., resident in ....., ID Card No:....., TIN:....., Tax Office:....., declares that it represents meter(s) belonging to the following natural or legal persons as they were declared in Part ... of the pre-registration application (hereinafter "BESS Owners or Producers or Customers").

The "Aggregator" solemnly declares that the above is consistent with the authorisation it has received from all the above BESS Owners or Producers or Customers regarding the representation of their meter(s) herein declared and the nature of their representation. It also declares that it has legally obtained the necessary consents from the BESS Owners or Producers or the Customers it represents for the processing of personal data in accordance with Regulation (EU) 2016/679 (General Data Protection Regulation), as well as that they have been informed about the processing of their personal data by the General Privacy Policy of IPTO S.A., which is posted on its official website.

For the **"Aggregator"**



## 8.10 Solemn Declaration Template

TO: INDEPENDENT POWER TRANSMISSION OPERATOR

### SOLEMN DECLARATION OF LEGAL REPRESENTATIVE(S)

.....

Dear Sirs,

We, the undersigned, ..... hereby solemnly declare to you responsibly in relation with the transactions of our company under the name ..... with the INDEPENDENT POWER TRANSMISSION OPERATOR (IPTO) that there has been no amendment to the articles of association and the representation of our company nor have any changes occurred in the company status,

- as it is today according to the documents already provided to you.
- apart from these described in the documents we provide to you:

.....  
.....  
.....  
.....  
.....

Accordingly we undertake the obligation to keep you duly informed of any relevant company change and to send you without delay, duly certified copies of all important documents. We are fully responsible and liable should any damage occur due to our negligence in providing such documents. All such changes or any cancellation of granted company authorisations shall become valid for you, one day after you receive them and will be proven by such receipt, or else they may not be contested against the INDEPENDENT POWER TRANSMISSION OPERATOR. Under no circumstances will you be responsible towards our company for any transactions concluded by non-authorised individuals due to posterior corporate changes effected but not notified to you, as described above.

The Legal Representative,

(Date) (Full name)  
(Company stamp)  
(Certification of the authenticity of the signature)

## 8.11 Table of Registered Characteristics

In order to register with the HETS Operator Registry the representatives of the balancing service entities are obliged to declare to the HETS Operator the following characteristics, if applicable, depending on the type and the technology of the entity.

The characteristics of entities which can be operated with more than one configuration (such as Multi-Shaft Combined Circle Dispatchable Units) must be declared separately for each possible configuration of the generating unit. The characteristics that must be declared separately are preceded by the symbol "&" in the tables below.

Registered Characteristics of the Balancing Service Entity			
Description	Description/ Numerical value	Unit of measure ment	To be completed by the applicant in accordance with the memorandum *
A.1 General information			
Name of Balancing Service Entity		-	All entities
Geographical position of the Balancing Service Entity		-	<ul style="list-style-type: none"><li>• U</li><li>• SB</li><li>• RS</li><li>• PUMP</li></ul>
Identifier of the Meter(s) which record(s) the output of the Balancing Service Entity		-	
Node to which the Balancing Service Entity is electrically connected, or in the case of a Balancing Service Entity that is not connected to a node, the node that is electrically closer to the Balancing Service Entity.		-	
Registered capacity (capacity of production license/connection contract)		MW	
A.2 Operational data			
Number of generators			<ul style="list-style-type: none"><li>• U</li><li>• PUMP</li></ul>
& Maximum continuous output (gross)		MW	<ul style="list-style-type: none"><li>• U</li><li>• SB</li><li>• RS</li><li>• CN</li><li>• IR</li><li>• PUMP</li></ul>
& Maximum continuous output (net), after taking into account the internal service and the auxiliary loads of the Unit		MW	<ul style="list-style-type: none"><li>• U</li><li>• SB</li><li>• RS</li><li>• SP</li><li>• CN</li></ul>

Registered Characteristics of the Balancing Service Entity			
Description	Description/ Numerical value	Unit of measure ment	To be completed by the applicant in accordance with the memorandum *
			<ul style="list-style-type: none"> <li>IR</li> <li>PUMP</li> </ul>
& Maximum Net Capacity (NCAP): Maximum continuous generation capacity in ISO conditions (Net Capacity of the Unit after taking into account the internal service and the auxiliary loads of the unit)		MW	<ul style="list-style-type: none"> <li>U</li> <li>SB</li> <li>RS</li> <li>SP</li> <li>CN</li> <li>IR</li> <li>PUMP</li> </ul>
Dispatchable Capacity for the upward direction		MW	All entities
Dispatchable Capacity for the downward direction		MW	All entities
& Auxiliary loads (reactive power), for production of active power from 0 to NCAP (in one or more steps)		MW (auxiliary) / MW gross production	<ul style="list-style-type: none"> <li>U</li> <li>CN</li> </ul>
& Auxiliary loads (reactive power), for production of active power from 0 to NCAP (in one or more steps)		MVar (auxiliary) / MW gross production	<ul style="list-style-type: none"> <li>U</li> <li>CN</li> </ul>
& Overload capacity (gross)		MW	<ul style="list-style-type: none"> <li>U</li> <li>CN</li> </ul>
& Overload capacity (net)		MW	<ul style="list-style-type: none"> <li>U</li> <li>CN</li> </ul>
& Minimum continuous output (gross)		MW	<ul style="list-style-type: none"> <li>U</li> <li>CN</li> </ul>
& Technically Minimum Generation (net capacity after taking into account the internal service and the auxiliary loads)		MW	<ul style="list-style-type: none"> <li>U</li> <li>CN</li> </ul>
& Minimum up time		hours	All entities
& Minimum down time		hours	All entities
Maximum up time per activation		hours	<ul style="list-style-type: none"> <li>SB</li> <li>RS</li> <li>SP</li> <li>CN</li> </ul>

Registered Characteristics of the Balancing Service Entity			
Description	Description/ Numerical value	Unit of measure ment	To be completed by the applicant in accordance with the memorandum *
			<ul style="list-style-type: none"> <li>• IR</li> <li>• DR</li> <li>• PUMP</li> </ul>
Maximum Daily Activations		-	<ul style="list-style-type: none"> <li>• SB</li> <li>• RS</li> <li>• SP</li> <li>• CN</li> <li>• IR</li> <li>• DR</li> <li>• PUMP</li> </ul>
Maximum State of Charge (SoC)		MWh	<ul style="list-style-type: none"> <li>• SB</li> <li>• RS</li> <li>• SP</li> </ul>
Minimum State of Charge (SoC)		MWh	<ul style="list-style-type: none"> <li>• SB</li> <li>• RS</li> <li>• SP</li> </ul>
Allow the activation of balancing energy in the ISP		YES/NO	<ul style="list-style-type: none"> <li>• SB</li> <li>• RS</li> <li>• SP</li> <li>• CN</li> <li>• IR</li> <li>• DR</li> </ul>
Maximum Injection Power of the storage		MW	<ul style="list-style-type: none"> <li>• SB</li> <li>• RS</li> <li>• SP</li> </ul>
Maximum Absorption Power of the storage		MW	<ul style="list-style-type: none"> <li>• SB</li> <li>• RS</li> <li>• SP</li> </ul>
Used energy capacity		MWh	<ul style="list-style-type: none"> <li>• SB</li> <li>• RS</li> <li>• SP</li> </ul>
Guaranteed (useful) Capacity of the storage		MWh	<ul style="list-style-type: none"> <li>• SB</li> <li>• RS</li> <li>• SP</li> </ul>

Registered Characteristics of the Balancing Service Entity			
Description	Description/ Numerical value	Unit of measure ment	To be completed by the applicant in accordance with the memorandum *
<b>Maximum continuous reactive power capacity (at nominal voltage of the injection site)</b>			
& Capacitive (absorption) reactive power, for active power generation equal to the technically minimum generation, the maximum generation capacity, as well as five (5) intermediate active power levels	MW	Mvar	<ul style="list-style-type: none"> <li>• U</li> <li>• SB</li> <li>• RS</li> <li>• SP</li> <li>• CN</li> <li>• IR</li> <li>• PUMP</li> </ul>
	1.		
	2.		
	3.		
	4.		
	5.		
& Inductive (injection) reactive power for active power generation equal to the technically minimum generation, the maximum generation capacity, as well as five (5) intermediate active power levels.	MW	Mvar	<ul style="list-style-type: none"> <li>• U</li> <li>• SB</li> <li>• RS</li> <li>• SP</li> <li>• CN</li> <li>• IR</li> </ul>
	1.		
	2.		
	3.		
	4.		
	5.		
Terminal voltage adjustment range		kV	<ul style="list-style-type: none"> <li>• U</li> <li>• SB</li> <li>• RS</li> <li>• PUMP</li> </ul>
Governor Droop (R)		%	U
Short-circuit Ratio			U
Rated stator current		Amps	U
Capability chart showing full range of operating capability of the Generating Unit including thermal and excitation limits		-	U
Open circuit magnetisation curves		-	U
Short circuit characteristic		-	U
Zero power factor curve		-	U
V curves		-	U
& Ability of the generator to start with any fuel		YES/NO	U
& Ability to change fuels on-load		YES/NO	U
& Available operating modes (lean burn, etc)		-	U
& Time to change modes on-load			U
& "Black Start" capability		YES/NO	<ul style="list-style-type: none"> <li>• U</li> <li>• SB</li> <li>• RS</li> <li>• PUMP</li> </ul>

Registered Characteristics of the Balancing Service Entity			
Description	Description/ Numerical value	Unit of measure ment	To be completed by the applicant in accordance with the memorandum *
& Forbidden continuous operation zones due to oscillations for Hydroelectric Plants	(....., .....)	(MW, MW) upper and lower zone limits	U (Hydro)
<b>Time of transition to a different thermal state before going into longer standby conditions</b>			
& From hot to warm		hours	U
& From warm to cold		hours	
& From hot to cold		hours	
<b>Time to synchronisation</b>			
& From hot state		hours	U
& From warm state		hours	
& From cold state		hours	
& Minimum additional time added to the time for synchronisation in case of recall from longer standby conditions		hours	U
& Minimum additional time added to the time for synchronisation in case of recall from total non-availability state		hours	U
& Soaking time from each thermal state (hot, warm, cold)	Hot: Warm: Cold:	hours	U
<b>Soak trajectory:</b> The generation level during soak time from synchronisation up to, at most, the minimum stable generation of each generating unit, i.e. the exact generation level for up to twenty-four (24) 15-minute-steps.			
& From hot state		MW / Dispatch Period	U
& From warm state		MW / Dispatch Period	
& From cold state		MW / Dispatch Period	
& Down time from Technically Minimum Generation to de-synchronisation		hours	U
<b>Environmental characteristics of the unit</b>			
& CO <sub>2</sub> emission curve in relation to the Active Power Output.		tn CO <sub>2</sub> / MW	<ul style="list-style-type: none"> <li>• U</li> <li>• CN</li> </ul>
& SO <sub>2</sub> emission curve in relation to the Active Power Output.		tn SO <sub>2</sub> / MW	

Registered Characteristics of the Balancing Service Entity			
Description	Description/ Numerical value	Unit of measure ment	To be completed by the applicant in accordance with the memorandum *
& NO <sub>x</sub> emission curve in relation to the Active Power Output.		tn NO <sub>x</sub> / MW	

Registered Characteristics of the Balancing Service Entity			
A.3 Additional data on Dispatchable Generating Units and Dispatchable Non-Intermittent RES Units (U, CN)			
<b>&amp; Heat Rate</b> Heat rate (in GJ/MWh) for net generation between the Technically Minimum Generation and the maximum Net Capacity (NCAP), <b>at ten (10) levels of net generation (in MW)</b> two of which are the ends of the above period. These points must be selected so that the derived specific fuel consumption curve approaches the real one. The points resulting from an estimation according to the measurements made (as opposed to actual measurements) must be indicated on the diagram.	Net Generation Levels (MW)	Measured Heat Rate (GJ/MWh)	Calculated Heat Rate (GJ/MWh)
	1.		
	2.		
	3.		
	4.		
	5.		
	6.		
	7.		
	8.		
	9.		
	10.		

Registered Characteristics of the Balancing Service Entity			
A.4 Additional data on Dispatchable Multi-Shaft Combined Cycle Generating Units which can be operated with more than one configurations (U)			
<b>&amp; Transition table</b> , which includes any possible transition from one configuration to another, as well as the corresponding transition time.  For the purposes of this table, the “off” status is not considered a separate configuration.	Initial configur ation	Final Configur ation	Transition time (half hours)

Registered Characteristics of the Balancing Service Entity		
A.5 Additional technical data on the Balancing Service Entities (All entities)		
Description	Description/Numerical value	Unit of measurement
& Maximum contribution to upward FCR		MW
& Maximum contribution to downward FCR		MW
& Maximum contribution to upward manual FRR		MW
& Maximum contribution to downward manual FRR		MW
& Ramp Up Rate in AGC mode (for provision of automatic FRR)		MW/min
& Ramp Down Rate in AGC mode (for provision of automatic FRR)		MW/min
& Maximum Load under Automatic Generation Control (AGC) (for provision of automatic FRR)		MW
& Minimum Load under Automatic Generation Control (AGC) (for provision of automatic FRR)		MW
& Maximum contribution to upward Automatic FRR		MW
& Maximum contribution to downward Automatic FRR		MW
& Ramp Up Rate		MW/min
& Ramp Down Rate		MW/min

The HETS Operator reserves the right to request from the Balancing Service Providers additional data in relation to the above on the Entities they represent, if this is deemed reasonably necessary.

MEMORANDUM	
Balancing Service Entity	Characterisation
Generating Units	U
Big BESS	SB
RES Unit with big storage	RS
Storage Portfolio	SP
Non-Intermittent Generating Unit	CN
Intermittent Generating Unit	IR
Load Portfolio	DR
Pump	PUMP
All of the above	All entities



## 8.12 Technical report submitted by the Balancing Service Providers to declare their capability to provide Balancing Services from Dispatchable Portfolios

According to the specifications of this Technical Decision, the Balancing Service Provider is obliged to prepare and submit to the HETS Operator a technical report per Dispatchable Storage Portfolio, Dispatchable Non-Intermittent Generation Portfolio, Dispatchable Intermittent Generation Portfolio and Dispatchable Load Portfolio, analysing the technical readiness of the portfolio for the provision of Balancing Services.

The technical report is a proof of the portfolio capability to comply with the relevant requirements of the Balancing Market Rulebook, as per its declared Registered Characteristics, which are confirmed and updated as required after carrying out the necessary tests.

Apart from the technical report, when applying for pre-registration with the Registry, the Balancing Service Provider shall submit to the HETS Operator all the necessary evidence and certificates for its equipment (including any flow diagrams and description of infrastructure as required) to document the readiness of operation of each represented portfolio.

### Requested Information

#### *General Information:*

- Name or trade Name of the Balancing Service Provider
- EIC Code of the Balancing Service Provider
- Type and Name of the portfolio

#### *Balancing Service Provision:*

The following information shall be at least submitted (along with the relevant manufacturer's manuals, flow diagrams, single-line diagrams, certifications or other appropriate documents):

- Documentation to support the capability to provide Balancing Energy and Balancing Capacity for all the relevant products that can be provided by the portfolio.
- Documentation to support the value of the Registered Characteristics of the portfolio that are already known, in accordance with the Table of Registered Characteristics of this Technical Decision, as they were submitted at the stage of pre-registration of the portfolio with the HETS Operator Registry.
- A description of the systems used for communication with the Balancing Market Operating and Dispatch Instruction System.
- A description of the facilities and of the control and telemetry systems whereby the Dispatch Instructions sent by the HETS Operator in the context of the Balancing Market are executed and Balancing Energy and Capacity are provided.
- A description of the procedures to be applied in the event of errors in the communication with the HETS Operator or other failure situations.