

Use case 5

Repowering

Prequalification & Auction processes

15.03.2021

DISCLAIMER

This document provides different **fictive examples**, so-called use cases, related to the Capacity Remuneration Mechanism being developed in Belgium. It has, as sole purpose, to explain the **Functioning Rules** and the functioning of the **CRM IT Interface** by means of examples.

The use cases developed in this document are based on the chapters **Prequalification Process** & **Auction Process** of the Functioning Rules of the Capacity Remuneration Mechanism published in **November 2020**.

By no means, the use cases replace the rules in the relevant Laws, Royal Decrees, and regulatory approved documents.

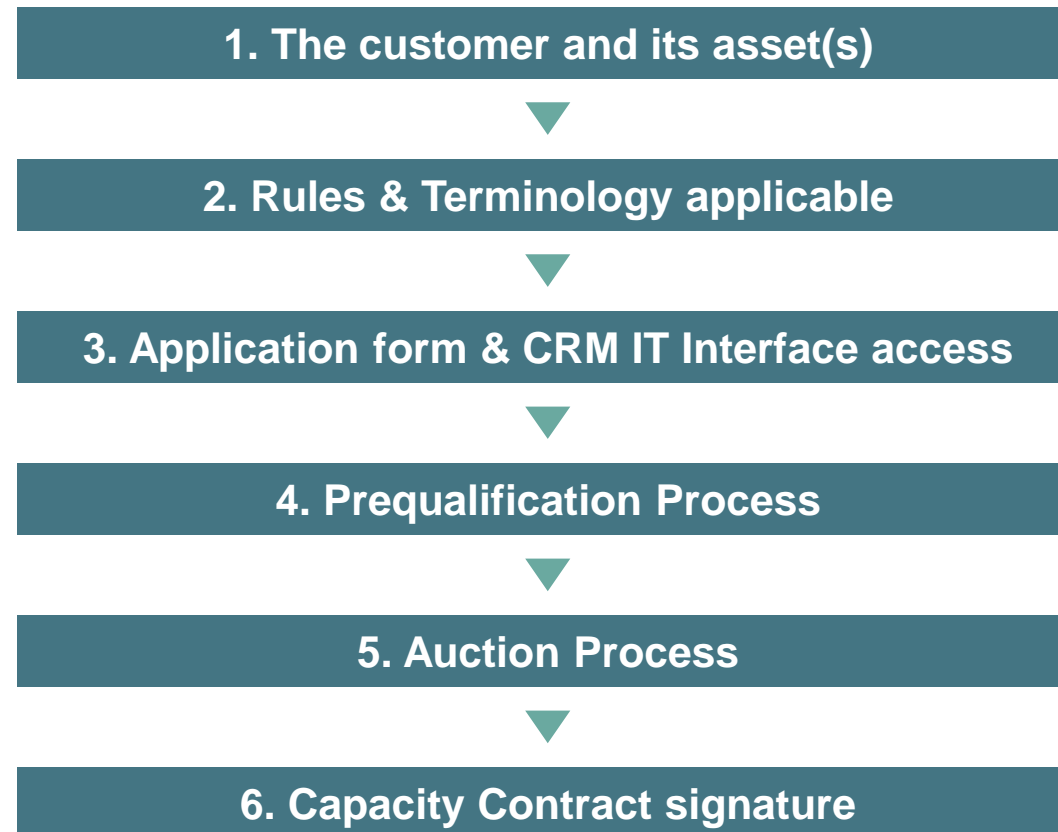
The choices in the examples are only made for **illustrative** purposes and do not imply any judgement. All the figures and numbers used for these use cases are purely fictive. These numbers nor the use cases presented should be interpreted as representing a concrete case or a concrete situation of the Belgian capacity market or an implied proposal for any CRM parameter. The **timings** and the dates represented in the use cases are **not realistic**.

The **tool** is **still under construction**. Therefore, the wording used in the presented screenshots is not definitive (phrasing to review, errors in the use of capital letters, etc.) and some fields are still missing or erroneous. As announced in TF CRM of March 2, 2021, the submitted version of **Functioning Rules** is still being **challenged** by the CREG. This might also lead to minor changes in the Functioning Rules and therefore the CRM IT interface.

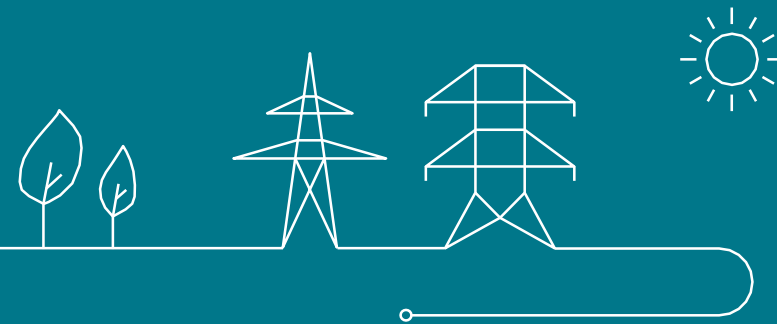
In addition to these theoretic use cases, the CRM Candidate is invited to train itself via the **demo platforms** where he will be able to develop tailored use cases in the prequalification **test** module and the auction test module.

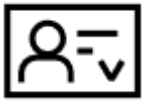
ELIA also also **welcomes** any **feedbacks** on the CRM IT Interface → customer.crm@elia.be

USE CASE STRUCTURE



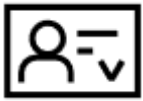
1. The customer and its asset(s)





1. The customer and its asset(s)

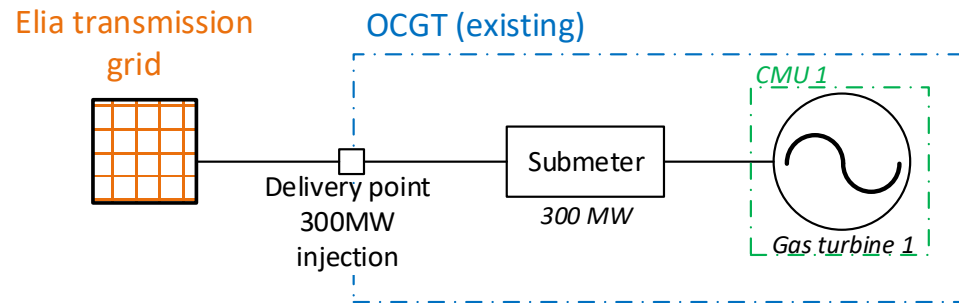
- Repower is **owner of an Existing OCGT** power plant **located in Belgium** and **connected to the TSO** grid
- Repower is the **Grid User**
- The OCGT **produces electricity**
- As its gas turbine is old, Repower **plans to transform its OCGT**
 - 2 configurations are investigated by Repower:
 - Configuration 1 (no EDS requested) with the Existing CMU1 (old OCGT)
 - Configuration 2 (EDS requested) with the Additional CMU2 (new OCGT)
- Repower has the **obligation to prequalify** the CMU1 but not the CMU2 (cf. article 7undecies §14 alinea 1^{er} of the Electricity Act)
- Repower decides to **prequalify two CMUs** to participate in the **2021 Y-4 auction**:
 - Existing CMU1 for the configuration 1 (old OCGT)
 - Additional CMU2 for the configuration 2 (new OCGT)



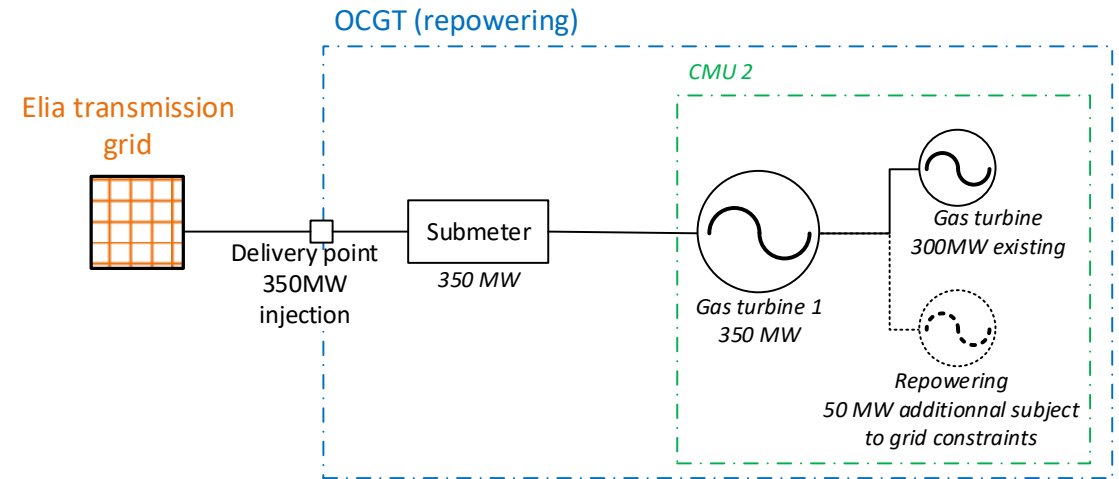
1. The customer and its asset(s)

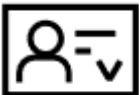


Configuration OCGT1



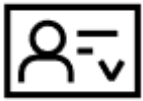
Configuration OCGT2





1. The customer and its asset(s)

	CMU1 – CMU-2XCWY	CMU2 – CMU-2VohF
Company information:		
	<ul style="list-style-type: none">• Owner: Repower• Location: Belgium• Connection: TSO grid	
Prequalification parameters:		
CMU	<ul style="list-style-type: none">• Existing CMU1:<ul style="list-style-type: none">▪ Existing DP1• CMU1: Individual CMU	<ul style="list-style-type: none">▪ Additional CMU2:<ul style="list-style-type: none">▪ Additional DP2• CMU2: Individual CMU
Technology	OCGT	OCGT
Volumes	Expected Nominal reference power of DP1: 300 MW	Declared Nominal reference power of DP2: 350 MW
Investment file	No investment file foreseen	Investment file foreseen
Auction parameters:		
Grid constraints	No grid constraints to be taken into account as the load is existing	<ul style="list-style-type: none">• The existing connection capacity (300MW) is already acquired for the new OCGT (as long as process of definitive decommissioning specified in art. 4bis of Electricity Act is not initiated) and can therefore not be subject to grid constraints• Only 50MW are subject gird constraints
Auction	Participate to 2021 Y-4 Auction	Participate to 2021 Y-4 Auction
Contract duration	Contract duration: 1 year (no investment file submitted to CREG)	Contract duration: 8 years (investment file submitted to CREG)

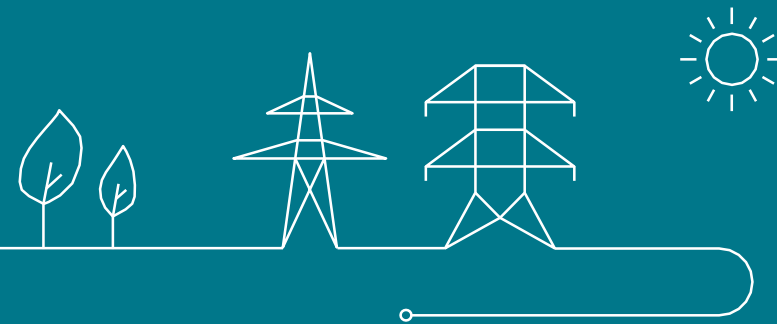


1. The customer and its asset(s)

- CMU1 is subject to a Daily Schedule obligation (NRP of the DP > 25 MW & TSO-connected)
- CMU1 is not an energy-limited technology
 - **Category II**
 - Sub-category: **OCGT**
 - Derating Factor: **90%**
- CMU2 is subject to a Daily Schedule obligation (NRP of the DP > 25 MW & TSO-connected)
- CMU2 is not an energy-limited technology
 - **Category II**
 - Sub-category: **OCGT**
 - Derating Factor: **90%**

Category I: SLA	
Sub-Category	Derating Factor [%]
SLA-1h	11
SLA-2h	19
SLA-3h	28
SLA-4h	36
SLA-6h	52
SLA-8h	65
SLA unlimited	100
Category II: Thermal technologies with daily schedule	
Sub-Category	Derating Factor [%]
CCGT	91
OCGT	90
Turbojets	96
IC Gas Engines	95
IC Diesel Engines	93
CHP	93
Biomass	93
Waste	93
Nuclear	96
Coal	90
Category III: Energy-limited technologies with daily schedule	
Sub-Category	Derating Factor [%]
Large-scale storage	11
PSP	19
Category IV: Weather-dependent technologies	
Sub-Category	Derating Factor [%]
Offshore Wind	15
Onshore Wind	6
Solar	4
Hydro Run-of-River	34
Category V: Thermal DSO- or CDS- connected technologies without daily schedule	
Sub-Category	Derating Factor [%]
Aggregated thermal technologiesd	62

2. Rules & Terminology applicable



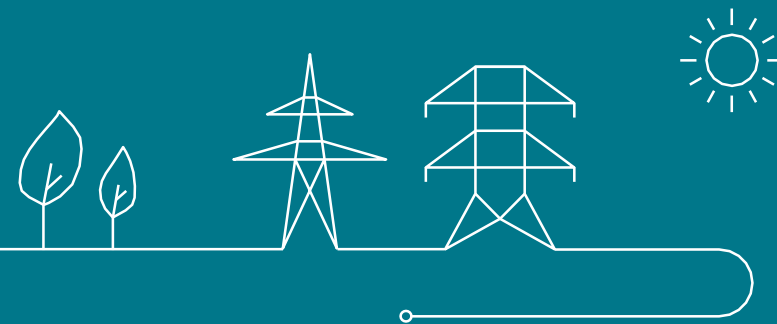


2. Rules & Terminology

The reference document used by ELIA for the Use Case is the *Functioning Rules of the Capacity Remuneration Mechanism* published on 13/11/2020

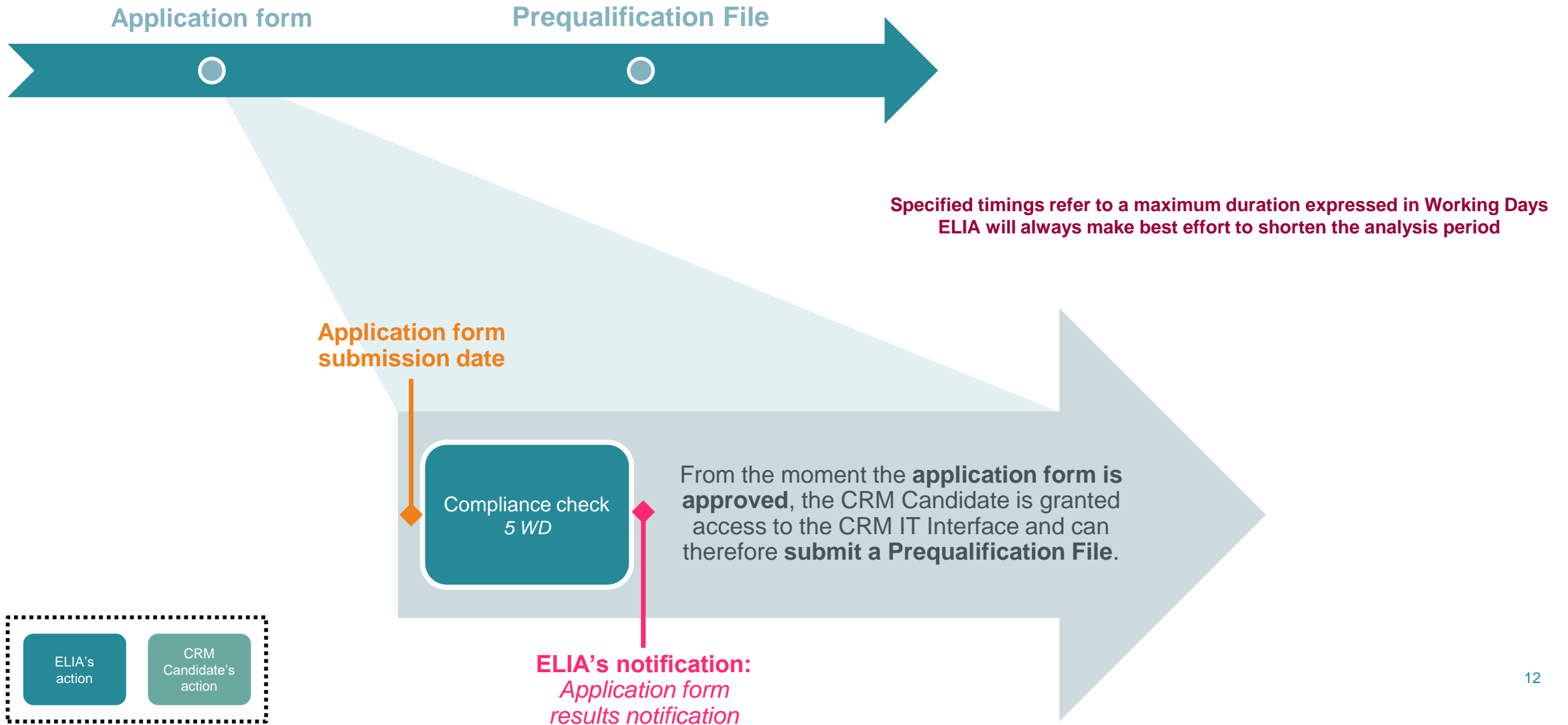
Prequalification Process	Financial Security	Auction Process	Capacity Contract signature
<ul style="list-style-type: none">• Terminology: <i>Chapter 3 & section 5.2</i>• Eligibility conditions: <i>Sections 5.3.1 & 5.3.2</i>• Prequalification File requirements: <i>Section 5.4.1.1</i>• Prequalification review process: <i>Sections 5.5.1 & 5.5.2</i>• Volumes determination: <i>Sections 5.6.1.1, 5.6.2, 5.6.3 & 5.6.4.1</i>• Prequalification results notification: <i>Section 5.7.1</i>	<ul style="list-style-type: none">• Financial Security: <i>Chapter 10</i>	<ul style="list-style-type: none">• Bid: <i>Section 6.3.1 & 6.3.2.1</i>• Bid price: <i>Section 6.3.2.1.1</i>• Bid volume: <i>Section 6.3.2.1.2</i>• Capacity contract duration: <i>Section 6.3.2.1.3</i>• Linked bids: <i>Section 6.3.2.2</i>• Mutually exclusive bids: <i>Section 6.3.2.1.3</i>• Mutually exclusive bids: <i>Section 6.3.1</i>	<ul style="list-style-type: none">• Capacity Contract signature: <i>Section 7.2.2</i>

3. Application form & CRM IT Interface access





3. Application form & CRM IT Interface access | Application form





3. Application form & CRM IT Interface access | Application form



Welcome to the access portal of ACC

TODO generic app description EN



**Already have an
account ?**

Sign in to AdeMar directly



No account yet ?

Submit your information and
get an account

en



Privacy - Ter



3. Application form & CRM IT Interface access | Application form



1 Company information — 2 Bank details for invoicing — 3 Contact details

✓ 1 Company information — 2 Bank details for invoicing — 3 Contact details

✓ 1 Company information — 2 Bank details for invoicing — 3 Contact details

STEP 1

Company information

COMPANY INFO

Company name *

Repower

Legal Status *



Registration number *



Business number



Energy Identification Code (EIC)



Telephone

Fax

Email address *

COMPANY ADDRESS

Street *

House number *

Zip code *

City *

Country *



STEP 2

Bank details for invoicing

You shall provide a company name and an address if you want to receive your mail for the invoice at a different address than the one provided at the step 'Company Information'.

Company Name *

Bank name *

IBAN *

SWIFT/BIC *

Currency *

Street

House Number

Zip code

City

Country



GDPR Conditions



By submitting this application form, I agree that the information provided here and in the CRM IT Interface will be used by ELIA for the purpose of the CRM
In order to continue you need to agree with the GDPR conditions



GDPR CONDITIONS

← BACK

SUBMIT ✓

STEP 3

Contact details

CONTACT 1

Civil Stat...

Firstname *

Lastname *



Please choose a civil status

Telephone

Mobile *

Language *

Function *

Email *

TO BE CONTACTED FOR *

Please notice that to approve your application form, ELIA asks for the contact details of at least one person for each of the following matters (except for the one needed in case of investment file):

- ☐ Contractual relations
- ☐ Emergency (24h/24h)
- ☐ Counting and metering
- ☐ Settlement
- ☐ Investment file (for submission to regulator)
- ☐ Point of contact published on ELIA website



3. Application form & CRM IT Interface access | Application form

Dear,

Your request was sent on 04/03/2021 15:19. We will now verify and validate it. This will take maximum 5 working days.



Dear,

Your Application Form has been approved. Please find your user ID and password below:

User ID: ISOEXT\CRM000001018

Password: 9dhnhSohJi3jNbySmNohqw==



3. Application form & CRM IT Interface access | Compliance checks



Compliance Checks

7/7

Please read and indicate your acknowledgment with the following legal documents before using this application.

You are allowed to go through the standard, the specific and/or the fast track Prequalification Process with your CMU(s)

Compliance checks for participation to a fast track Prequalification Process:

Functioning Rules for fast track Prequalification Process



Acknowledgment of the Functioning Rules for the Capacity Remuneration Mechanism related to the fast track Prequalification Process



Compliance checks for participation to a standard or a specific Prequalification Process:

Functioning Rules



Acknowledgment of the Functioning Rules for the Capacity Remuneration Mechanism (this include the functioning rules related to the fast track ...



Capacity Contract



Acknowledgment of the Capacity Contract conditions in case of Contracted Capacity for the forthcoming Auction



Eligibility criteria



The compliance of each Delivery Point with the eligibility criteria, as defined in the Electricity Act (cr. Art 7 undercies §4, 1*, 2* and 3*) and ...



Production license requirements



The compliance of each Delivery Point with an Existing status with the production license requirements as defined in article 4 of the Electricity Act



Maximal CO2 mission thresholds



The compliance of each Delivery Point with an Existing status with the maximal CO2 emission thresholds set by the Regulation (EU) 2019/943



Legal and regulatory framework

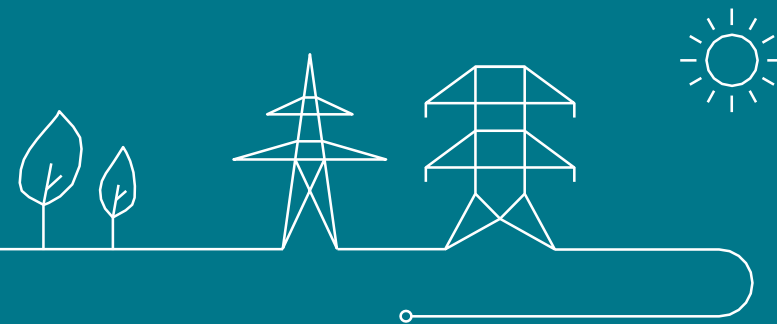


The compliance of each Delivery Point with any other relevant legal and regulatory framework

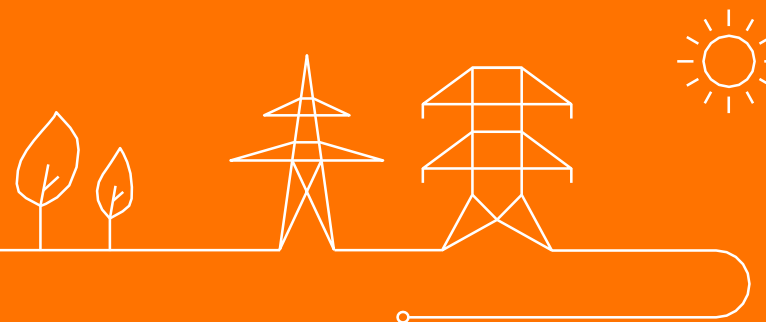


ACCEPTER ET CONTINUER

4. Prequalification Process



CMU1 – Existing CMU





4. Prequalification Process | Timeline

CMU 1

CMU 2

Application form

Prequalification File



Specified timings refer to a maximum duration expressed in Working Days
ELIA will always make best effort to shorten the analysis period

Prequalification File
submission date

ELIA's notification:
*Approved Prequalification
File*

ELIA's notification:
*Prequalification results
notification*

Compliance Check
20 WD

Provisional & final
NRP determination
10 WD

NRP
analysis
5 WD

Volumes
determination
10 WD

ELIA's
action

CRM
Candidate's
action

ELIA's notification:

*Provisional & final NRP notification of the
Existing Delivery Point*



4. Prequalification Process | Prequalification File creation

CMU 1

CMU 2

Prequalification File(s) ACC

CMUs 2

NO FILTER

ID	STATUS	PROCESS	LAST UPDATED	PREQUALIFICATION DATE
VCMU-2QLrV	Saved		18/2/2021, 17:40:41	-
FT-2QNac	Submitted		18/2/2021, 19:...	-

Which Prequalification Process do you want to start?

- ☒ Standard Prequalification Process
For Existing CMUs or Additional CMUs
- ☐ Fast track Prequalification Process
For Existing CMUs
- ☐ Specific Prequalification Process
For Virtual CMUs (Unproven Capacity)

SAVE NEW CMU

SM Sybille Mette... SM Company

20




4. Prequalification Process | Prequalification File creation

CMU 1

CMU 2

← CMU-2XCWY / Standard

 Saved Last updated on 9/3/2021, 15:07:22 • Created on 9/3/2021

 DELETE

CMU DETAILS

No detail available

 ADD DETAILS

DELIVERY POINTS

No Delivery Point

 ADD DELIVERY POINT



4. Prequalification Process | Delivery Point creation

1 Delivery Point Details — 2 Delivery Point Details — 3 Existing Delivery Point Details

STEP 1

Basic Delivery Point details

BASIC DELIVERY POINT DETAILS

Type of Delivery Point *

- ☒ TSO connected
☐ DSO connected
☐ CDS connected (TSO grid)
☐ CDS connected (DSO grid)

Status of the Delivery Point *

- ☐ Additional
☒ Existing

EAN code of the Delivery Point *

544545441256547

✓ Delivery Point Details — 2 Delivery Point Details — 3 Existing Delivery Point Details

STEP 2

Delivery Point Details

DELIVERY POINT DETAILS

Delivery Point name *

Existing_DP1

EAN code of the Access Point *

54555545416445

Single line diagram *

Single lin...iagram.pdf (178.6 kB)

Technology *

OCGT

Add the ID of the linked capacities

No Delivery Point yet

+ ADD THE DELIVERY POINT'S ID

Agreement between Belgian member State and Adjacent Member State



Declaration by the Eligible Direct Foreign Capacity Holder



Declaration by the Adjacent Member State



← BACK

CONTINUE →

CMU 1

CMU 2

✓ Delivery Point Details — ✓ Delivery Point Details — 3 Existing Delivery Point Details

STEP 3

Existing Delivery Point Details

EXISTING DELIVERY POINT DETAILS

Expected Nominal Reference Power (in MW) *

300.00

CO2 emission attestation

Attestation CO2.pdf (178.6 kB)

CO2 emission (in g/kWh)

317.00

Which method do you want Elia to use for the determination of the NRP? *

Method 1: Use of historical data

Do you want some adjustments of the standard methodology of Baseline? *

No

Unsheddable Margin (in MW) *

0.00

Nameplate capacity of generation (in MW) *

300.00

Net offtake / Net injection *

Net injection

Full technical injection capacity (in MW) *

300.00

Full technical offtake capacity (in MW) *

0.00

Grid User Declaration/CDS User Declaration



Letter to prove renunciation of operating aid(s)



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← BACK

ADD DELIVERY POINT ✓



4. Prequalification Process | CMU creation

CMU 1

CMU 2

1 Step 1 — 2 Step 2 — 3 Step 3

CMU DETAILS

Project ID

No project ID yet

[EXISTING PROJECT IDS](#) [+ GENERATE NEW PROJECT ID](#)

Derating Factor *

OCGT

1 Step 1 — 2 Step 2 — 3 Step 3

Do you (intend to) have at least one Additional Delivery Point in your CMU? *

No

INFORMATION FOR EXISTING CMU

Do you intend to participate only to the Secondary Market with this CMU? *

No

NRP Method 2 *

No

1 Step 1 — 2 Step 2 — 3 Step 3

OPT-OUT NOTIFICATION

Delivery Period to which the Opt-out Notification (for a Y-4 Auction) relates:

2025-2026

Opt-out Volume (in MW) *

0.00

← BACK

SAVE ✓



4. Prequalification Process | Financial Security submission

CMU 1

CMU 2

- As Repower prequalifies an Existing CMU with its actual OCGT and an Additional CMU with the OCGT renovated, it is not mandatory to provide 2 Financial Securities.
- Only **one Financial Security is sufficient**
- The Financial Security is to cover the highest Secured Amount among the two concerned CMUs (CMU1 & CMU2)

$$\begin{aligned} &= \text{Max}(\text{Secured amount}_{CMU1}; \text{Secured amount}_{CMU2}) \\ &= \text{Max}\left(10.000 \frac{\text{EUR}}{\text{MW}} \times 300\text{MW} \times 0,9; 20. \frac{000\text{EUR}}{\text{MW}} \times 350\text{MW} \times 0,9\right) \\ &= \text{Max}(270.000 \text{ EUR}; 6.300.000 \text{ EUR}) \\ &= 6.300.000 \text{ EUR} \end{aligned}$$

- The Financial Security is therefore provided for the Additional CMU only (cf. slides on the Prequalification Process of CMU2)



4. Prequalification Process | Prequalification File submission

CMU 1

CMU 2

[←](#) CMU-2XCWY / Standard [DELETE](#)

[Saved](#) Last updated on 9/3/2021, 17:24:18 • Created on 9/3/2021

[✔](#) Your CMU is ready for submission. Would you like to proceed? [SUBMIT →](#)

CMU DETAILS

Status	Existing
Number of Delivery Points	1
Nominal Reference Power	0

DELIVERY POINTS 1 [+ ADD DELIVERY POINT](#)

Existing_DP1		⋮
Status	Existing	
Type of Delivery Point	TSO connected	
Technology	Open Cycle Gas Turbine	
Nominal Reference Power		

Submit CMU CMU-2XCWY?

You are about to submit this CMU, are you sure you want to proceed?

CANCEL

[CONFIRM](#)

Dear,

Your CMU with ID CMU-2XCWY has been submitted.

Elia will inform you within the next 20 working days whether the CMU is approved or rejected.

King regards,
The CRM team.



4. Prequalification Process | Prequalification review process

CMU 1

CMU 2

Dear,

Your CMU with ID CMU-2XCWY has been approved.

The process of Nominal Reference Power determination will now start.

An e-mail will follow with the results of this determination within maximum 10 working days starting from this notification.

King regards,
The CRM team.

← CMU-2XCWY / Standard



Approved

Last updated on 9/3/2021, 18:23:50 • Created on 9/3/2021

ARCHIVE

CMU DETAILS

Status	Existing
Number of Delivery Points	1
Nominal Reference Power	0

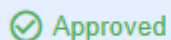
DELIVERY POINTS 1

+ ADD DELIVERY POINT

Existing_DP1

Status	Existing
Type of Delivery Point	TSO connected
Technology	Open Cycle Gas Turbine
Nominal Reference Power	

CMU-2XCWY



Approved

Standard Prequalification Process



4. Prequalification Process | NRP notification

CMU 1

CMU 2

Dear,

The Nominal Reference Power of your CMU with ID CMU-2V4Q5 has been determined by ELIA and is equal to 10,4 MW.

You have 5 working days to contest this result via the CRM IT Interface.

If no reaction is received within these 5 working days, the Nominal Reference Power will be considered as approved.

Kind regards,
The CRM team.

← CMU-2XCWY / Standard



Approved

Last updated on 9/3/2021, 18:23:50 • Created on 9/3/2021



ARCHIVE



EDIT OPT-OUT

CMU DETAILS

Status	Existing
Number of Delivery Points	1
Nominal Reference Power	300

DELIVERY POINTS 1

Willebrugge-Oven1

Status	Existing
Type of Delivery Point	TSO connected
Technology	Open Cycle Gas Turbine
Nominal Reference Power	300

Nominal Reference Power Status

pending



APPROVE



CONTEST



4. Prequalification Process | Prequalification results notification

CMU 1

CMU 2

← CMU-2XCWY / Standard



Approved Last updated on 9/3/2021, 18:23:50 • Created on 9/3/2021

ARCHIVE

CMU DETAILS

EDIT OPT-OUT

Status	Existing
Number of Delivery Points	1
Nominal Reference Power	300

DELIVERY POINTS 1

Willebrugge-Oven1

Status	Existing
Type of Delivery Point	TSO connected
Technology	Open Cycle Gas Turbine
Nominal Reference Power	300

Nominal Reference Power Status

pending



APPROVE



CONTEST

Dear,

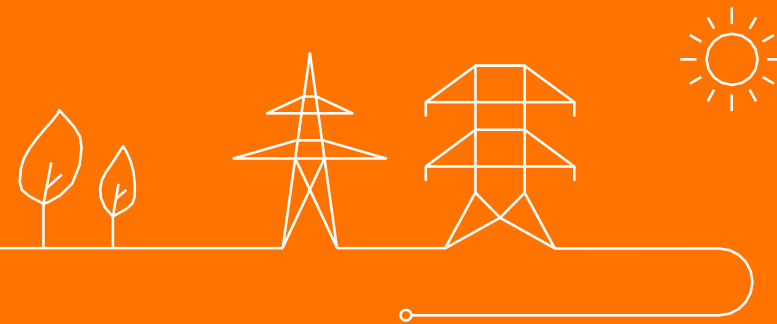
Your Existing CMU with CMU ID CMU-2XCWY has been prequalified on 08/03/2021 22:37:57. It corresponds to your Prequalification File approval date.

Please find the prequalification results below:

- Nominal Reference Power: 300 MW
- Reference Power: 300 MW
- Opt-out Volume: 0 MW
- Eligible Volume: 270 MW

King regards,
The CRM team.

CMU2 – Additional CMU





4. Prequalification Process | Timeline

CMU 1

CMU 2

Application form

Prequalification File

Specified timings refer to a maximum duration expressed in Working Days
ELIA will always make best effort to shorten the analysis period

Prequalification File
submission date

ELIA's notification:
*Approved
Prequalification File*

Compliance Check
20 WD

Volumes
determination
10 WD

ELIA's notification:
*Prequalification results
notification*

ELIA's
action

CRM
Candidate's
action



4. Prequalification Process | Prequalification File creation

CMU 1

CMU 2

Prequalification File(s) ACC

+ NEW CMU

CMUs 2

Search by CMU ID

NO FILTER

ID	STATUS	PROCESS	LAST UPDATED	PREQUALIFICATION DATE
VCMU-2QLrV	Saved		18/2/2021, 17:40:41	-
FT-2QNac	Submitted		18/2/2021, 19:...	-

Add a new CMU


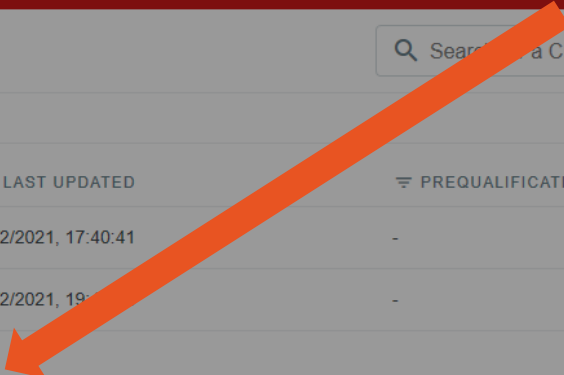
Which Prequalification Process do you want to start?

☒ Standard Prequalification Process
For Existing CMUs or Additional CMUs

☐ Fast track Prequalification Process
For Existing CMUs

☐ Specific Prequalification Process
For Virtual CMUs (Unproven Capacity)

SAVE NEW CMU





4. Prequalification Process | Prequalification File creation

CMU 1

CMU 2

← CMU-2VohF / Standard



Saved

Last updated on 5/3/2021, 19:28:41 • Created on 5/3/2021



DELETE

CMU DETAILS

No detail available



ADD DETAILS

DELIVERY POINTS

No Delivery Point



ADD DELIVERY POINT



4. Prequalification Process | Delivery Point creation

CMU 1

CMU 2

1 Delivery Point Details — 2 Delivery Point Details — 3 Additional Delivery Point Details

STEP 1

Basic Delivery Point details

BASIC DELIVERY POINT DETAILS

Type of Delivery Point *

- ☒ TSO connected
☐ DSO connected
☐ CDS connected (TSO grid)
☐ CDS connected (DSO grid)

Status of the Delivery Point *

- ☒ Additional
☐ Existing

EAN code of the Delivery Point

544545441256547

CONTINUE →

✓ 1 Delivery Point Details — 2 Delivery Point Details — 3 Additional Delivery Point Details

STEP 2

Delivery Point Details

DELIVERY POINT DETAILS

Delivery Point name *

Additional_DP2

EAN code of the Access Point

545555545416445

Single line diagram *

Single lin...iagram.pdf (178.6 kB)

Technology *

Open Cycle Gas Turbine

Add the ID of the linked capacities

No Delivery Point yet

+ ADD THE DELIVERY POINT'S ID

Agreement between Belgian member State and Adjacent Member State



Declaration by the Eligible Direct Foreign Capacity Holder



Declaration by the Adjacent Member State



← BACK

CONTINUE →

✓ 1 Delivery Point Details — ✓ 2 Delivery Point Details — 3 Additional Delivery Point Details

STEP 3

Additional Delivery Point Details

ADDITIONAL DELIVERY POINT DETAILS

Declared Nominal Reference Power (in MW) *

350.00

Existing connection capacity (in MW) *

300.00

Information related to the production permit

Production...icense.pdf (178.6 kB)

← BACK

ADD DELIVERY POINT ✓



4. Prequalification Process | CMU creation

CMU 1

CMU 2

1 Step 1 **3 Step 3**

CMU DETAILS

Project ID

No project ID yet

[EXISTING PROJECT IDS](#) [+ GENERATE NEW PROJECT ID](#)

Derating Factor *

Open Cycle Gas Turbine

Add project ID ?

Are you sure you want to add this project ID? This is only necessary if you want to send this CMU to CREG in order to request a multi-year contract (investment file).

[CANCEL](#) [CONFIRM](#)

CMU-2VohF

1 Step 1 **2 Step 2** **3 Step 3**

CMU DETAILS

Project ID

PROJECT74385

[EXISTING PROJECT IDS](#) [+ REPLACE BY A NEW PROJECT ID](#)

Derating Factor *

Open Cycle Gas Turbine

1 Step 1 **2 Step 2** **3 Step 3**

☒ **Step 1**

Do you (intend to) have at least one Additional Delivery Point in your CMU? *

Yes

INFORMATION FOR ADDITIONAL CMU

NRP Method 2 *

No

Project execution plan(s) *

Project execution plan	Expected start date
Project execution plan.pdf	5/7/2021
+ UPLOAD NEW FILES	No file has been added yet

[+ ADD THE PLAN](#)

ID(s) of the related technical agreement(s)

No ID of technical agreement yet

3546843612513541

[+ ADD THE ID](#)

1 Step 1 **2 Step 2** **3 Step 3**

OPT-OUT NOTIFICATION

Delivery Period to which the Opt-out Notification (for a Y-4 Auction) relates:

2025-2026

Opt-out Volume (in MW) *

0.00

[← BACK](#) [SAVE ✓](#)

[← BACK](#)

[CONTINUE](#) **34**



4. Prequalification Process | Financial Security submission

CMU 1

CMU 2

For ELIA **to approve** your **Prequalification File**, a **Financial Security** is to be **submitted before** the submission of the **Prequalification File** itself.

Upload new Financial security

Financial Security Type

Bank Guarantee

Financial Security Form

FS.pdf

CMU ID

CMU-2VohF

Amount (€)

6.300.000

Expiry Date

01/01/2027

Bank

BELFIOS

 SUBMIT

 CANCEL



4. Prequalification Process | Prequalification File submission

CMU 1

CMU 2

← CMU-2VohF / Standard

Saved Last updated on 5/3/2021, 19:52:59 • Created on 5/3/2021

Your CMU is ready for submission. Would you like to proceed? **SUBMIT →**

The project for this CMU has not yet been submitted to CREG.
The project with ID PROJECT74385 currently contains following CMUs: CMU-2VohF
Please first submit all CMUs in the project, before submitting the project

CMU DETAILS

Status	Additional
Number of Delivery Points	1
Nominal Reference Power	350

DELIVERY POINTS 1 [+ ADD DELIVERY POINT](#)

Additional_DP2	
Status	Additional
Type of Delivery Point	TSO connected
Technology	Open Cycle Gas Turbine
Nominal Reference Power	350

Submit CMU CMU-2VohF?

You are about to submit this CMU, are you sure you want to proceed?

CANCEL

CONFIRM

Dear,

Your CMU with ID CMU-2VohF has been submitted.

Elia will inform you within the next 20 working days whether the CMU is approved or rejected.

King regards,
The CRM team.



4. Prequalification Process | Investment file

CMU 1

CMU 2

← CMU-2VohF / Standard

Saved Last updated on 5/3/2021, 19:52:59 • Created on 5/3/2021 DELETE

Your CMU is ready for submission. Would you like to proceed? SUBMIT

The project for this CMU has not yet been submitted to CREG.
The project with ID PROJECT74385 currently contains following CMUs: CMU-2VohF
Please first submit all CMUs in the project, before submitting the project

CMU DETAILS

Status	Additional
Number of Delivery Points	1
Nominal Reference Power	350

DELIVERY POINTS 1 ADD DELIVERY POINT

← CMU-2VohF / Standard

Submitted Last updated on 5/3/2021, 19:58:15 • Created on 5/3/2021 ARCHIVE

The project for this CMU has not yet been submitted to CREG.
The project with ID PROJECT74385 currently contains following CMUs: CMU-2VohF SUBMIT →

CMU DETAILS

Status	Additional
Number of Delivery Points	1
Nominal Reference Power	350

DELIVERY POINTS 1

Are you sure you want to submit this project to CREG?

Please note that once submitted to CREG, no CMU can be added to the project, but the CMUs itself can still be updated.

CANCEL CONFIRM



4. Prequalification Process | Prequalification review process

CMU 1

CMU 2

Dear,

Your CMU with ID CMU-2VohF has been approved.

The volume(s) determination process will now start.

An e-mail will follow with the results of this determination within maximum 10 working days starting from this notification.

King regards,
The CRM team.

← CMU-2VohF / Standard

✓ Approved

Last updated on 5/3/2021, 20:05:22 • Created on 5/3/2021

🔒 ARCHIVE

CMU DETAILS

Status	Additional
Number of Delivery Points	1
Nominal Reference Power	350

DELIVERY POINTS 1

OCGT_ex	
Status	Additional
Type of Delivery Point	TSO connected
Technology	Open Cycle Gas Turbine
Nominal Reference Power	350

CMU-2VohF

✓ Approved

Standard Prequalification Process

When a CRM Candidate participates to Standard Prequalification Process with an Additional CMU including only Additional Delivery Points, the Nominal Reference Power is declared by the CRM Candidate → **No Nominal Reference is determined by ELIA**



4. Prequalification Process | Prequalification results notification

CMU 1

CMU 2

Dear,

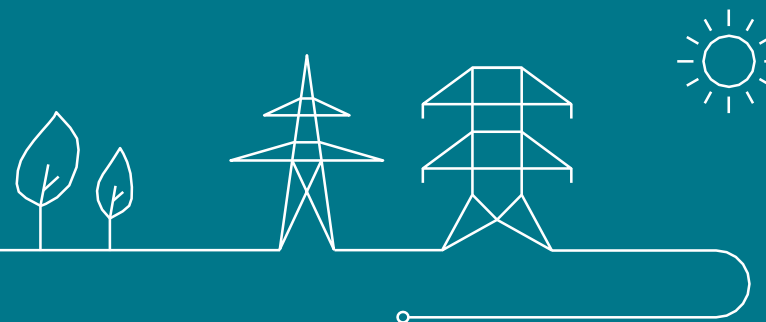
Your Additional CMU with CMU ID CMU-2VohF has been prequalified on 05/03/2021 20:11:26. It corresponds to your Prequalification File approval date.

Please find the prequalification results below:

- Nominal Reference Power: 350 MW
- Reference Power: 350 MW
- Opt-out Volume: 0 MW
- Eligible Volume: 315 MW
- Due date for the first quarterly report that is to be sent to Elia (in case of awarded volume at forthcoming Auction): 01/10/2021 02:00:00

King regards,
The CRM team.

5. Auction Process





5. Auction | Bidding strategy

Repower chooses to offer the 3 following **combinations** of bids:

- Combination 1: OCGT1 with its Eligible Volume of 270MW
- Combination 2: OCGT1 with 250MW instead of 270MW
- Combination 3: OCGT2 for 8 years Capacity Contract Duration
- Bidding strategy



Intermediate Price Cap = 20€/kW/year

Global Auction Price Cap=70€/kW/year



5. Auction | Bid submission

User interface main screen

After successful login and prequalification, CRM candidate can access auction submission interface between GOT and GCT

The screenshot displays the 'Bids' section of the CRM interface. On the left, a sidebar menu contains 'Home', 'Bids' (highlighted), 'Reports', and 'About'. Below this, a section for 'Settings' and 'Logout' is visible. The main content area features a top navigation bar with 'Bids' and buttons for 'BID SETS', 'BID EXCLUSION', and 'ADD NEW BID'. Below this, a filter section shows 'Auction Type' set to '2025 Y-1', along with 'COMPLIANCE CHECK', 'SUBMIT', and 'AUCTION'S STATS' buttons. A table header lists columns: ID, CMU ID, COMPLIANC, STATUS, VOLUME, PRICE, CONTRACT, and RELATIONS. The table body is empty, displaying 'No Bid' and an 'ADD NEW BID' button. Annotations with red lines point to various elements: 'Main auction bids submission and reports menu' points to the sidebar; 'Auction type selection' points to the 'Auction Type' dropdown; 'Bids check and submission' points to the 'COMPLIANCE CHECK' and 'SUBMIT' buttons; 'Modify bids portfolio' points to the 'BID SETS' and 'BID EXCLUSION' buttons; 'Show current auction parameters (IPC, GPC, GOT, GCT)' points to the 'AUCTION'S STATS' button; 'Overview of bids portfolio (including sorting & filtering features)' points to the table header; and 'Overall settings and logout menu' points to the 'Settings' and 'Logout' buttons.

Auction type selection

Bids check and submission

Modify bids portfolio

Main auction bids submission and reports menu

Show current auction parameters (IPC, GPC, GOT, GCT)

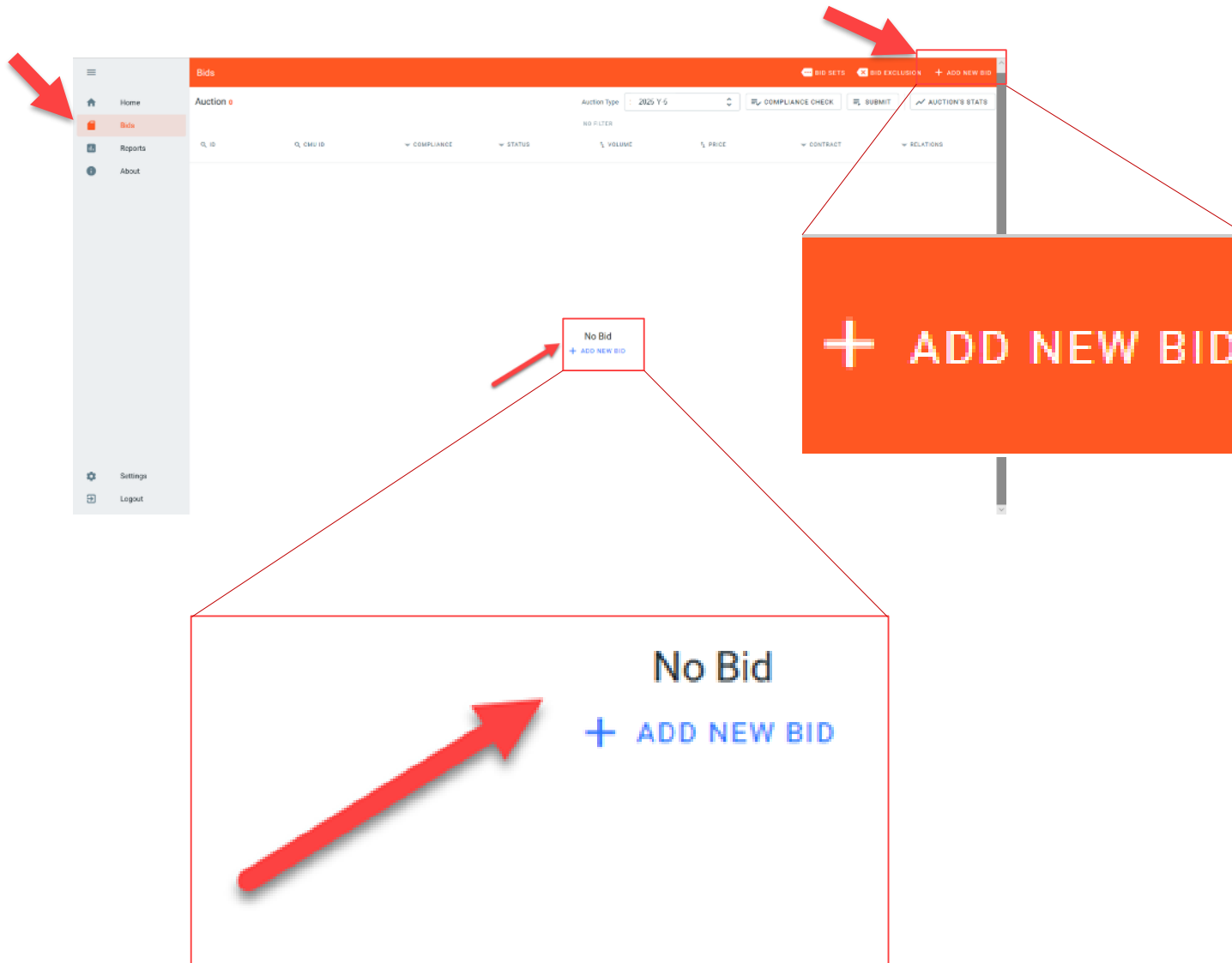
Overall settings and logout menu

Overview of bids portfolio (including sorting & filtering features)



5. Auction | Bid submission

Bid creation



- New bids can be added via the “**Add new bid**” menu
- Bid creation feature is accessible any time between GOT and GCT
- New bids need to be linked to successfully prequalified CMUs for the current auction



5. Auction | Bid submission

Creating the first bid

Create a new Bid

CMU
CMU1 UC5

Remaining Eligible Volume: 276 MW
Required Volume to bid: 276 MW

Volume (MW)
270.00

Price (€/Kw/year)
18.00

Contract duration (years)
1

CREATE BID

- User has to choose a CMU in drop list of prequalified CMUs belonging to the CRM candidate
- Required volume to bid is dynamically computed for information
- Remaining eligible volume based on previous auctions is provided for information
- No compliance check is performed at bid creation stage
- “Create bid” leads to bid with status “Saved”



5. Auction | Bid submission

Overview of bids portfolio



Q ID	Q CMU ID	COMPLIANCE	STATUS	VOLUME	PRICE	CONTRACT
<input type="checkbox"/> #1	CMU1 UC5	Waiting	Saved	270 MW	18 (€/Kw/Year)	1
<input type="checkbox"/> #2	CMU1 UC5	Waiting	Saved	250 MW	19 (€/Kw/Year)	1
<input type="checkbox"/> #3	CMU2 UC5	Waiting	Saved	315 MW	40 (€/Kw/Year)	8

Home

Bids

Reports

About

Settings

Logout

Bids

BID SETS BID EXCLUSION + ADD NEW BID

Auction 3 Auction Type 2025 Y-4 COMPLIANCE CHECK SUBMIT AUCTION'S STATS

NO FILTER

Q ID	Q CMU ID	COMPLIANCE	STATUS	VOLUME	PRICE	CONTRACT	RELATIONS
<input type="checkbox"/> #1	CMU1 UC5	Waiting	Saved	270 MW	18 (€/Kw/Year)	1	
<input type="checkbox"/> #2	CMU1 UC5	Waiting	Saved	250 MW	19 (€/Kw/Year)	1	
<input type="checkbox"/> #3	CMU2 UC5	Waiting	Saved	315 MW	40 (€/Kw/Year)	8	



5. Auction | Bid submission

Create exclusive set of bids

Bids

Auction 3

Auction Type: 2025 Y-4

COMPLIANCE CHECK SUBMIT AUCTION'S STATS

NO FILTER

ID	CMU ID	COMPLIANCE	STATUS	VOLUME	PRICE	CONTRACT	RELATIONS
#1	CMU1 UC5	Waiting	Saved	276 MW	18 (€/Kw/Year)	1	- 0
#2	CMU1 UC5	Waiting	Saved	250 MW	19 (€/Kw/Year)	1	- 0
#3	CMU2 UC5	Waiting	Saved	322 MW	40 (€/Kw/Year)	8	- 0

Bids exclusion setup

BID EXCLUSION

- Bid exclusion menu may be used once the bids are created and visible in user dashboard



5. Auction | Bid submission

Create exclusive set of bids

The screenshot shows the 'Bids' interface with a 'Bid exclusion' section. The left table lists bids, and the right table shows the 'Excluded' bids. A green arrow points from the 'Bid - 1' row in the left table to the 'SAVE' button in the right table. A larger red box at the bottom shows a zoomed-in view of the 'Excluded' table with a green arrow pointing to the 'SAVE' button.

Bid exclusion	
1 CMU1 UC5	Bid - 1
2 CMU1 UC5	
3 CMU2 UC5	

Excluded	
Bid - 2 CMU1 UC5	REMOVE
Bid - 3 CMU2 UC5	REMOVE

- The bid exclusion properties can be added to each of the bids
- The bid exclusion can be added one by one or with *Add all* button.
- Bids # 1 is mutually exclusive with Bids #2 and 3 (cf slide *Bidding strategy*)



5. Auction | Bid submission

Create mutually exclusive bids

The screenshot shows the 'Bids' section of the main dashboard. A red box highlights the 'Auction 3' section, which contains three bids. Each bid is represented by a blue icon with three dots and a red icon with a cross and the number 2. A red box also highlights the 'RELATIONS' column in the table below, showing the same icons for each bid.

PRICE	CONTRACT	RELATIONS
18 (€/Kw/Year)	1	
19 (€/Kw/Year)	1	
40 (€/Kw/Year)	8	

- Bids relationships overview is available in the main dashboard
- Amount of mutually exclusive bids for each bid is visible
- Amount linked bids in each set is visible, in this case none
- In this Use case, all bids are exclusive with 2 others

Legend



Amount of set of linked bids to which current bid belongs (grey = 0)



Amount of bids mutually exclusive with current (grey = 0)



5. Auction | Bid submission

Compliance check

The screenshot displays the 'Bids' management interface. At the top, there are buttons for 'COMPLIANCE CHECK' and 'SUBMIT'. Below these, a table lists bids. Bid #1 is highlighted, showing a 'Compliance' status of 'Error' and a 'Status' of 'Saved'. A callout box shows the 'Compliance Check Results' for Bid 1, indicating an error: 'The volume exceeds the Eligible Volume'. A larger callout box provides a detailed view of the 'Compliance Check Results', showing 'ERRORS (1)', 'WARNINGS (0)', and 'INFORMATION (0)'. The error message is: 'Bid 1: The volume exceeds the Eligible Volume'.

ID	CMU ID	COMPLIANCE	STATUS	VOLUME	PRICE	CONTRACT	RELATIONS
#1	CMU1 UC5	Error	Saved	277 MW	18 (£/Kw/Year)	1	

Compliance Check Results:

ERRORS (1) WARNINGS (0) INFORMATION (0)

Bid 1: The volume exceeds the Eligible Volume

Compliance Check Results:

ERRORS (1) WARNINGS (0) INFORMATION (0)

Bid 1: The volume exceeds the Eligible Volume

- “Compliance check” of “Submit” triggers a check on data provided by the user against FR and prequalified data.
- Any error or warning is sent to user via the error log (“Compliance check results”)
- *In this use case, the Eligible volume is 270 MW $\rightarrow 0 < Volume_{bid} \leq 270 \text{ MW} \rightarrow \text{bid \#1 is non compliant}$*
- Bid #1 stays in status “saved” as long as the user has not solved the error.
- Bid #1 cannot be submitted as long as the error has not been solved.



5. Auction | Bid submission

Submit bids

The screenshot shows the 'Bids' section of a web application. The top navigation bar includes 'BID SETS', 'BID EXCLUSION', and 'ADD NEW BID'. The main content area displays a table of bids for 'Auction 3' with columns for ID, CMU ID, Compliance, Status, Volume, Price, Contract, and Relations. A 'COMPLIANCE CHECK' button and a 'SUBMIT' button are visible. A callout points to the 'SUBMIT' button. Another callout points to the 'COMPLIANCE' and 'STATUS' columns, which show 'Success' and 'Submitted' respectively. A third callout points to a 'Compliance Check Results' section, which also shows 'Success' and 'Submitted'.

ID	CMU ID	COMPLIANCE	STATUS	VOLUME	PRICE	CONTRACT	RELATIONS
#1	CMU1 UC5	Success	Submitted	270 MW	18 (€/Kw/Year)	1	2
#2	CMU1 UC5	Success	Submitted	250 MW	19 (€/Kw/Year)	1	2
#3	CMU2 UC5	Success	Submitted	315 MW	40 (€/Kw/Year)	8	2

Compliance Check Results:

COMPLIANCE	STATUS
Success	Submitted
Success	Submitted
Success	Submitted

Your bids have been successfully checked. CLOSE

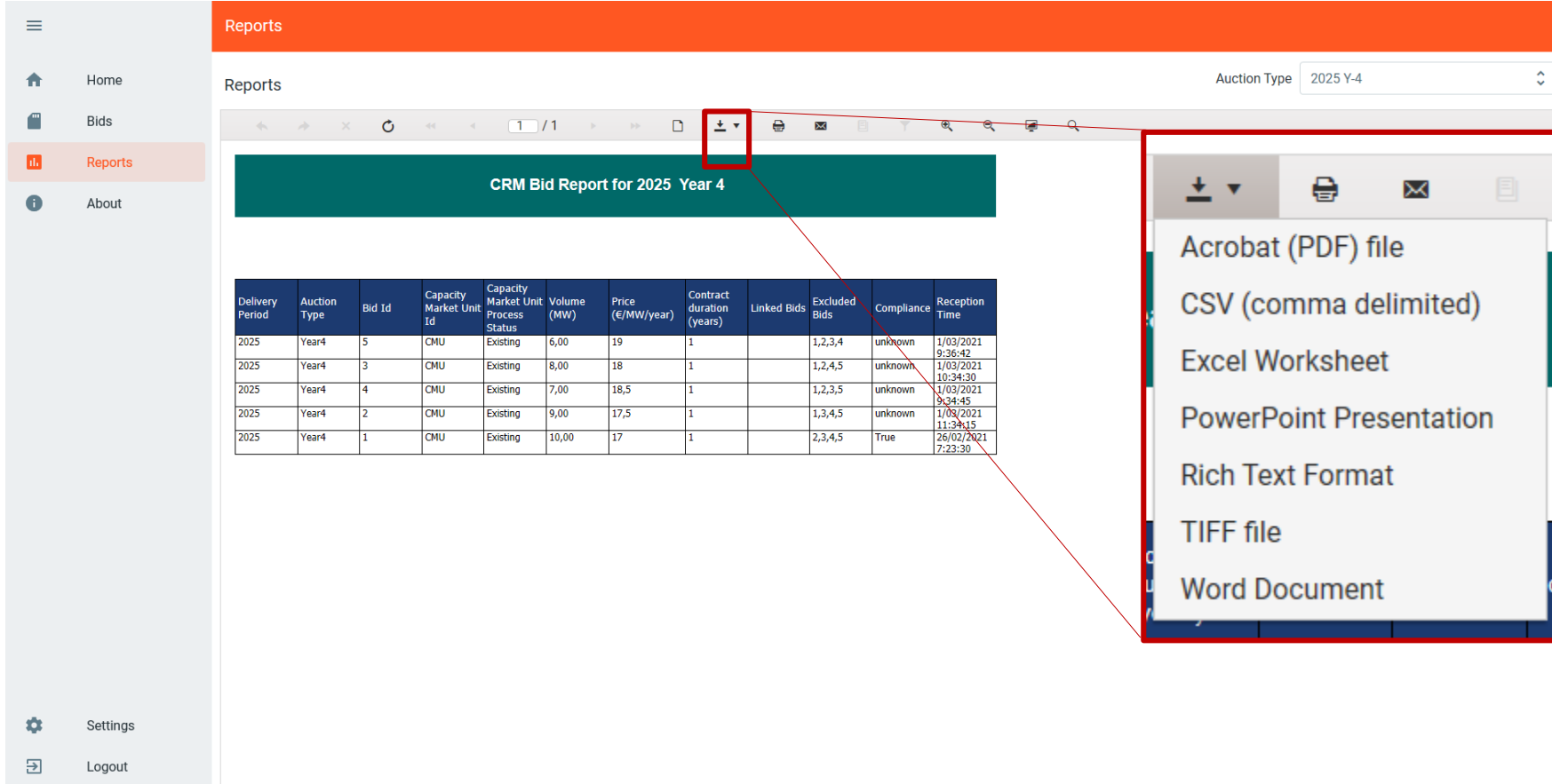
- Successfully submitted & compliant bids get status "Submitted"
- Successful submission popup will appear on the main screen
- Tool won't check that a bid has been created for all prequalified CMU's
- Any modification of prequalification data of a CMU will bring back all related bids to status "saved"
- Bids related to deleted prequalified CMU will get status "Cancelled"

Your bids have been successfully checked. CLOSE



5. Auction | Bid submission

Bidding session auction report



Reports

Auction Type 2025 Y-4

CRM Bid Report for 2025 Year 4

Delivery Period	Auction Type	Bid Id	Capacity Market Unit Id	Capacity Market Unit Process Status	Volume (MW)	Price (€/MW/year)	Contract duration (years)	Linked Bids	Excluded Bids	Compliance	Reception Time
2025	Year4	5	CMU	Existing	6,00	19	1		1,2,3,4	unknown	1/03/2021 9:36:42
2025	Year4	3	CMU	Existing	8,00	18	1		1,2,4,5	unknown	1/03/2021 10:34:30
2025	Year4	4	CMU	Existing	7,00	18,5	1		1,2,3,5	unknown	1/03/2021 9:34:45
2025	Year4	2	CMU	Existing	9,00	17,5	1		1,3,4,5	unknown	1/03/2021 11:34:15
2025	Year4	1	CMU	Existing	10,00	17	1		2,3,4,5	True	26/02/2021 7:23:30

Acrobat (PDF) file
CSV (comma delimited)
Excel Worksheet
PowerPoint Presentation
Rich Text Format
TIFF file
Word Document

- Every user may generate bidding report for internal use
- Bidding report gathers all bids and related information created by CRM candidate (all bids statuses are reported)
- Report may be printed, exported or send
- Report format may be exported on a tailored format to meet user's preferences

» 5. Auction | Results publication

Bid #1
CMU 1 (existing)
Price: **18 EUR/kW/year**
Volume: **270 MW**
Contract duration: **1 year**
Linked set: **NO**
Exclusive bids: **2;3**

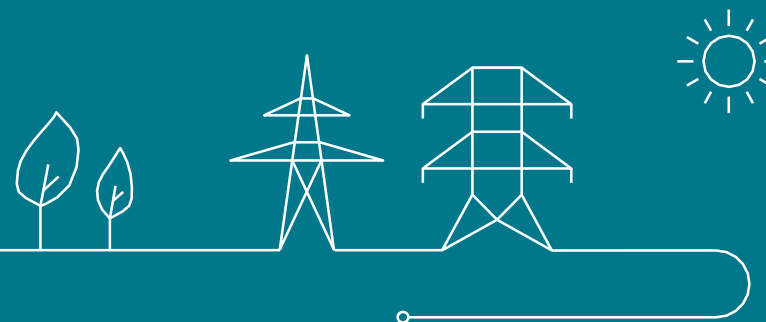


Auction results		
Selected bids		
	Selected Bid volumes	CMU1: 270 MW
	Related Price	18€/kW/year
	Capacity contract duration	1 year
Remaining Eligible Volume		0 MW ¹
Issuance date of the 1 st quarterly report		/

- Bids 1 (representing the existing OCGT) is selected in the Auction after global optimization
- Result validation according to modalities set by Royal Decree Control
- Result communication to Repower the latest on 31/10/2021

¹ The CMU Eligible Volume has been selected

6. Capacity Contract signature





6. Capacity Contract signature

- To officially **become** a **Capacity Provider**, Repower shall **sign** the **Capacity Contract**
- **Once** the Capacity Contract is **signed**, Repower **enters** the **Pre-delivery Period**

