TF CRM #23

2 March 2021



Agenda

- Status CRM Functioning Rules [Thibaut Gérard]
- Communication [Nicolas Koelman]
- Use Cases Process steps on Prequalification & Auction platform [Sybille Mettens Nicolas May]
- Individual scheduling tool for the Prequalification process [Sybille Mettens]
- Information on Demo environment [Sybille Mettens Nicolas May]





Status Functioning Rules

Thibaut Gérard





Status Functioning Rules

- Elia organized a public consultation on the functioning rules (28 August 25 September 2020)
- Elia submitted the functioning rules to CREG (13 November 2020)
- CREG notified Elia that the functioning rules would not be approved without amendments
- Elia and CREG started organizing meetings to assess the changes needed to be made
- This process is ongoing
- Elia is committed to use its best efforts to facilitate an approval within the legal timeline (15 May)
- Changes may be required to comply with the CREG's requests



Communication

Nicolas Koelman



ELIA CRM communication strategy

Context: As market facilitator and in operational charge of the Prequalification Process, Auction and Capacity Contract, Elia proposed its CRM communication strategy in the TF CRM of 11/12/2020

→ A New ELIA CRM webpage with didactical material published last week 23/02 on the current state of play:

https://www.elia.be/en/electricity-market-and-system/adequacy/capacity-remuneration-mechanism

- → CRM Introduction Video
- ➔ Introductive product sheet
- → Phased Dynamic Timeline with detailed quick reference cards and supportive documents

→ An Elia generic communication towards its Elia grid users referring them the new webpage (last week 24/02)

→ Communication by the DGOs to its grid users has been aligned





CRM Timeline

2021 Major milestones

ELIA CRM communication strategy



- → The webpage will be updated with additional information in March:
 - → An 'Individual Planification Tool' for the Prequalification Process (exposed in today in TF Implementation 02/03).
 - ➔ An FAQ current state of play

> Elia in its commercial daily activities already interacts and will continue to interact with its customers pro-actively

- → Tailor-made screening on the mandatory participation and on the possible scenarios by customer
- → Assumptions based on the current legal framework interpretation





Prequalification & Auction platform

Use Cases Individual planification tool for the Prequalification process Information on Demo environment

Sybille Mettens – Nicolas May



How is today's presentation included in ELIA's CRM training process ?





Aim of the current slide deck



- 1. Present a consolidated overview of the process flow from the Prequalification Process to the Auction
- 2. Present scope of 7 use cases
- 3. Illustrate the use of the CRM IT interfaces
- 4. Present an introduction to user interfaces and get early feedback



Agenda



Process flow overview

Scope of use cases

Prequalification platform user interface

Auction platform user interface







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Process flow: Prequalification Process & Auction Process





CRM implementation task force 02/03/2021



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Overview of the use cases





Overview of the use cases

Use case 1 DSM	Use case 2 Aggregation	Use case 3 Unproven	Use case 4 New Built
Existing CMU Individual CMU	Additional CMU Aggregated CMU (10 DP)	Virtual CMU	Additional CMUs Individual CMUs
No obligation to participate (Art.7undecies §14 alinea 1er)	No obligation to participate (Art.7undecies §14 alinea 1 ^{er})	No obligation to participate (Art.7undecies §14 alinea 1er)	No obligation to participate (Art.7undecies §14 alinea 1 ^{er})
IndustryOfTheFuture.SA/NA is a factory The CMU is purely electricity consumption oriented (oven & auxiliaries)	AggregaTHOR is energy sector company It has the intention to aggregate DP located on different geographical sites and belonging to different owners (GUD needed)	RollingEnergy.SA/NV is a company looking for industrials willing to participate later than the 2021 Auction (but prior to 2025) – via RollingEnergy.SA/NV – to the CRM.	EnergyProducer.SA/NA is a company willing to build a new power plant (CCGT/OCGT): 3 configurations are investigated (3 EDS are requested)
The Existing DP included in the CMU is a TSO-connected DP No investment file foreseen Not subject to grid constraints (existing CMU)	 7 Existing DP are DSO- connected DP; 1 Existing DP is TSO-connected DP; 2 Additionnal DP are furture DSO-connected DP Investment file foreseen Subject to grid constraints 	As the industrials are not yet identified, it's not yet possible to identify the DP No investment file foreseen Not subject to grid constraints	 5 CMUs are created: Configuration 1 : CMU1 (GT1), CMU2 (GT2) & CMU3 (ST) Configuration 2 : CMU4 (GT1) Configuration 3 : CMU5 (GT2) Production License & gas connection are requested Investment file foreseen Subject to grid constraints

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Overview of the use cases

Use case 5 Repowering







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Existing CMU & Additional CMU Individual CMUs	Existing CMU Aggregated CMU	Existing CMU Individual CMU
Obligation to participate with the Existing CMU (Art.7undecies §14 alinea 1 ^{er})	Obligation to participate for all CMUs (Art.7undecies §14 alinea 1 ^{er})	Obligation to participate (Art.7undecies §14 alinea 1 ^{er})
Repower.SA/NA is owner of an Existing OCGT power plant As its gas turbine is old, Repower.SA/NA plants to transform its OCGT 2 configurations are investigated (1 EDS is requested)	ELC.SA/NA is owner of two batteries and a factory The CMU includes 1 electricity consumption DP (factory) & 2 electricity production DP	Cacity.SA/NA is the Grid User of a COGEN The CMU is purely electricity production oriented (oven & auxiliaries)
2 CMUs are created: • Configuration 1: Existing CMU1 (old OCGT) • Configuration 2: Additional CMU2 (new OCGT) Investment file foreseen for CMU2 CMU2 is subject to grid constraints	 1 Existing DP is DSO-connected DP (battery) 1 Existing DP is CDS-connected DP (CDS connected to the DSO) (DSR) 1 Existing DP is TSO-connected DP (battery) No investment file foreseen Not subject to grid constraints 	1 Existing DP is TSO-connected DP Investment file not applicable Grid constraints not applicable



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1st accesses to the CRM IT Interface | Application form



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Starting point if no application form has been submitted yet





1st accesses to the CRM IT Interface | Application form



Contact details

- 😞 Bank details for invoicing

Company infor	mation — (2) Bank o	details for invoicing	- (3) Contact details
COMPANY INFO			
Company name *			
ELIA			
Registration number *		Business number	
BE 0475028202	0	0475028202	0
Energy Identification Cod	le (EIC)		
			0
Telephone		Fax	
02 546 70 11			
Email address *			
sybille.mettens@elia.be	2		
COMPANY ADDRESS			House Number *
Baulavard da "Emporav	v.		House Number *
Boulevaru de l'Empereu	1		20
Zip *	City *	Co	ountry *

STEP 2

Bank	details	for	invoicing	I
------	---------	-----	-----------	---

Company information

Invoicing Name * ELIA		Bank name * Fortis	Bank name * Fortis				
IBAN *		SWIFT/BIC *	Currency *				
BE08 0017 2295 4113		GEBABEBB	Euro -				
Street			House Number				
Boulevard de l'Empereur			20				
Zip	City	с	ountry				

2 Bank details for invoicing

- 3 Contact details

Belgium

-

CONTINUE >

• Company = CRM Candidate

Bruxelles

- No limit on the number of users
 - Contacts = Users
- Each user accesses the same CRM IT Interface

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STEP 3 Contact details

Company information

CONTACT 1			^
Civil Stat	Firstname *	Lastname *	
Mrs. 🔻	Sybille	Mettens	
Telephone		Mobile *	
		0474 00 00 00	
Language *			
French			•
Function *			
Implementa	tion Manager		
Email *			
sybille.mett	ens@elia.be		
TO BE CONTACT Please choose a Contractu	TED FOR * at least one "contacted for" option al relations	1	
The explo	itation of the Connection (Co	nnection contract)	
Emergend	cy (24h/24h)		
✓ Maintena	nce		
🗹 Planning			
🗹 Analysis d	of incidents		
Counting	and metering		
Invoicing			



1st accesses to the CRM IT Interface | Compliance Check



Home ACC	
	Contrôles de conformité Veuillez lire et indiquer votre acceptation avec les documents juridiques suivants avant d'utiliser cette application Vous n'étes autorisé à participer qu'aux Procédures de Préqualification accélérées
	 Functioning Rules Acknowledgment of the Functioning Rules for the Capacity Remuneration Mechanism 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



1st accesses to the CRM IT Interface | Compliance Check



E Home ACC	
	 Contrôles de conformité Veuillez lire et indiquer votre acceptation avec les documents juridiques suivants avant d'utiliser cette application Vous êtes autorisé à suivre la Procédure de Préqualification standard, spécifique et/ou fast track avec votre (vos) CMU(s)
	Functioning Rules ✓ Acknowledgment of the Functioning Rules for the Capacity Remuneration Mechanism
If the CRM Candidate only wants to participate in a Fast Track	Capacity Contract Acknowledgment of the Capacity Contract conditions in case of Contracted Capacity for the forthcoming Auction
Prequalification Process, he just has the obligation to « accept » the	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
Functionning Rules related to the Fast Track Prequalification Process	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
SM Sybille Mette SM Company	CRM implementation task force 02/03/2021





Home page | My account



My Account ACC \equiv Company information **↑** Home Company information See in this section your company's information provided in your appliction form Dossier(s) de Préquali. 盦 Bank details for invoicing Compliance • **Contacts Details** 6/6 You are allowed to participate to standard, specific and/or fast track O SHOW COMPLIANCE Pregualification Processes Ð Activity logs Company Name SM Company Possibility to see the information provided via Société à responsabilité limitée (SRL) / Besloten vennootschap met Legal Status beperkte aansprakelijkheid (BVBA) the application form Registration Number BE0425399042 Business Number Energy Identification Code Email address Sybille.Mettens@elia.be Telephone Fax Street Kerkstraat 0 Mon compte House number 1 Ċ Paramètres 1000 Zip code € Logout











	Prequalif	iC	ation Fi	ile creat	ion Initia	tion phase	- re	Provide the info	elia Elia Group
=	Prequalification	on Fi	ile(s) ACC				CMU-2UDS2 / S	Standard	
A		CN	//Us 12				Saved Last upo on 3/1/2	lated on 3/1/2021, 9:30:22 AM • Created 021	DLLTL
		4				NO FILTER	CMU DETAILS		+ ADD DETAILS
			ID	∓ STATUS	₹ PROCESS		Ro detail available		
			CMU-2UDS2	Saved	Prequalication Brocess	3/1/2021, 9:30:22 AM -	DELIVERY POINTS	+ ADD	DELIVERY POINT
CMU c	reated		CMU-2Qfke	Submitted	Prequalication Brocess.	2/19/2021, 2:56:08 PM -	No Delivery Point		
			CMU-2QfmW	⊘ Approved	Standard Prequalication Brocess	2/23/2021, 2:42:13 PM -	Cre	eate a Delivery	
			CMU-2QfMD	⊘ Approved	Standard Prequalication Process	2/19/2021, 2:54:02 PM -	Poi	nt and provide	
			CMU-2QfGG	⊘ Approved	Standard Prequalication Process		the	info related to Delivery Point	
			CMU-2QEGE	⊘ Approved	Standard Prequalication Process	2/19/2021, 2:14:31 PM -			
			FT-2Qes8	Ø Approved	Fast Track Prequalication Processory	2/19/2021, 2:02:48 PM -			
					FASL HACK				

Summary of the information included in the Prequalification File



Prequalification File creation | CMU information



1 2 Step 2 3 Step 3	3 Step 1 2 Step 2	3 Step 3	Step 1	Step 2	3 Step 3
CMU DETAILS	Link with VCMU	•	OPT-OUT NOTIFICATION		
Project ID			Delivery Period to which the Opt-out No	tification (for a Y-4 Auction) relates:	
No project ID yet	Do you (intend to) have at least one Additional Delivery Point in your CMU? *		2025-2026		
EXISTING PROJECT IDS + GENERATE NEW PROJECT ID	No	0	Opt-out Volume (in MW) *		
			5.00		
)erating Factor *	INFORMATION FOR EXISTING CMU		To what does the Opt-out Volume relate	ss? *	
Combined Cycle Gas Turbine	Do you intend to participate only to the Secondary Market with this CMU? *		Existing Capacity		•
	No	•	Reasons for opt-out (related to existing	g capacity) *	
Important concepts:	NRP Method 2 *		Temporary closure (5 MW)		/
 Impossible to proceed to the next step if the mandatory fields have not been provided; 	Νο	•	Reason	Volume (MW)	+ ADD
- Possible to provide "fake" data to	← BACK	CONTINUE ->	Complementary documents(s) (notificat	tion of closure, motivation letter, etc.)	
be able to proceed to the next step;		, , , , , , , , , , , , , , , , , , ,	+ UPLOAD NEW FILES	No file has bee	en added yet
 Saved = Not submitted to ELIA Saved = Still possible to adapt 			← BACK Save of	all the data	SAVE 🗸
			pro	ovided	



Prequalification File creation | DP information

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)

O CDS connected (DSO grid)

Status of the Delivery Point *

Additional

Existing

EAN code of the Delivery Point *

CONTINUE >

Important concepts:

- Impossible to proceed to the next step if the mandatory fields have not been provided;
- Possible to provide "fake" data to be able to proceed to the next step;
- Saved = Not submitted to ELIA
- Saved = Still possible to adapt

O Delivery Point Details — 2 Delivery Point Details — 3 Existing Delivery Point Details

STEP 2 Delivery Point Details

DELIVERY POINT DETAILS

Delivery Point name '

DP A1

EAN code of the Access Point *

Single line diagram *

Dummy file.PNG (924 B)

Technology *

Combined Cycle Gas Turbine

Agreement between Belgian member State and Adjacent Member State

et

Declaration by the Eligible Direct Foreign Capacity Holder

	_		
	_		

Declaration by the Adjacent Member State

e

← ВАСК

CONTINUE →

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STEP 3

48

Existing Delivery Point Details

EXISTING DELIVERY POINT DETAILS

Expected Nominal Reference Power (in MW) *

CO2 emission attestation

×

CO2 emission (in g/kWh)

370.00

No

48

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? *

	0
--	---

Unsheddable Margin (in MW) *

10.00

Nameplate capacity of generation (in MW) *

Net offtake / Net injection *

Net injection

Full technical injection capacity (in MW) *

48

uli technical offtake capacity (in MVV) *
0.00

	Save of all the					
CDS User Declaration *	data provided					
182.3 kB)		×				
iation of operating aid(s) *						
182.3 kB)		×				
		1				

Grid User Declaration/

Dummy file.pdf (

Letter to prove renunc

ADD DELIVERY POINT

Save of all the



Prequalification File submission | Submission to ELIA



≡	Prequalification File(s) ACC						← CMU-2UDS2 / Standa	rd	D ELETE
^		CMUs 12			NO FILTER		Your CMU is ready for submis	ssion. Would you like to proceed?	SUBMIT ->
	CMU-2UDS2	▲ ID CMU-2UDS2 CMU-2Qfke CMU-2QfmW CMU-2QfmD CMU-2QfGG CMU-2QFGG FT-2Qes8 FT-2QaC0 FT-2QaG0 CMU-2Pwc0	 ⇒ STATUS ⇒ Saved > Submitted > Approved 		 		CMU DETAILS Status Number of Delivery Points Nominal Reference Power DELIVERY POINTS 1 DP A1 Status Type of Delivery Point Technology Nominal Reference Power	Existing 1 0 Existing TSO connected Combined Cycle Gas Turtone	Image: Content of the second secon
		CMU-2RfjT VCMU-2Rfhn	RejectedPrequalified	Standard Prequalication Process Specific Prequalication Process	2/24/2021, 0200 PM 2/22/2021, 9:05:13 AM	2/22/20		The automatic ch been performed, t be submitted	ecks having he CMU can to ELIA



Prequalification File submission | Submission to ELIA



≡	Prequalification File(s) ACC						← CMU-2UDS2 / Standard
f		CMUs 12					
		4			NO FILTER		CMU DETAILS
		ID	= STATUS	₹ PROCESS		Ţ PRI	RI Status Existing
		CMU-2UDS2	Submitted	Standard Prequalication Process	3/1/2021, 1:14:24 PM	-	Number of Delivery Points 1 Nominal Reference Power 0
		CMU-2Qfke	Submitted	Standard Prequalication Process	2/19/2021, 2:56:08 PM	-	
		CMU-2QfmW	Approved	Standard Prequalication Process	2/23/2021, 2:42:13 PM	-	DELIVERY POINTS 1
		CMU-2QfMD	Approved	Standard Prequalication Process	2/19/2021, 2:54:02 PM	-	DP A1
		CMU-2QfGG	O Approved	Standard Prequalication Process	2/19/2021, 2:27:16 PM	-	Status Existing
		CMU-2QEGE	Approved	Standard Prequalication Process	2/19/2021, 2:14:31 PM	-	Type of Delivery Point TO connected Technology Combined Cycle Gas Turbine
		FT-2Qes8	⊘ Approve	Fast Track Prequalication Process	2/19/2021, 2:02:48 PM	-	Nominal Reference Power
		FT-2QaOg	O Approved	Fast Lock Prequalication Process	2/19/2021, 1:39:42 PM	-	+
		FT-2QaG0	O Approved	Fast Track Prequalication Process	2/19/2021, 9:06:06 AM	-	Submitted CMU
		CMU-2Pwc0	⊘ Approved	Standard Prequalication Process	2/17/2021, 5:35:22 PM	-	
		CMU-2RfjT	Rejected	Standard Prequalication Process	2/24/2021, 3:48:09 PM	-	
		VCMU-2Rfhn	• Prequalified	Specific Prequalication Process	2/22/2021, 9:05:13 AM	2/22/20	20



Prequalification File submission | E-mails confirmation



Mon 01/03/2021 16:22 noreply_crm@ELIA.BE Acc - CRM To Wuyts Joren Dear,	
Four CMO with ID CMO-20DS2 has been s	ing days whather the CMUL is engroued on rejected
King regards, The CRM team.	ing days whether the CMU is approved or rejected.
	Mon 01/03/2021 16:24 noreply_crm@ELIA.BE Acc - CRM To Wuyts Joren
	Dear,
	Your CMU with ID CMU-2UDS2 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.



Prequalification File submission | Approval



≡	Prequalification File(s) ACC						CMU-2UDS2 / Standard
ħ		CMUs 12					
		4			NO FILTER		CMU DETAILS
		ID	, status	₹ PROCESS		₹ PRI	Status Existing
		CMU-2Qfke	Submitted	Standard Prequalication Process	2/19/2021, 2:56:08 PM	-	Nominal Reference Power 0
		CMU-2UDS2	Approved	Standard Prequalication Process	3/1/2021, 1:16:48 PM	-	
		CMU-2QfmW	⊘ Approved	Standard Prequalication Process	2/23/2021, 2:42:13 PM	-	DELIVERY POINTS 1
		CMU-2QfMD	Approved	Standard Prequalication Process	2/19/2021, 2:54:02 PM	-	DP A1
		CMU-2QfGG	Approved	Standard Prequalication Process	2/19/2021, 2:27:16 PM	-	Status Existing Type of Delivery Point T 50 connected
		CMU-2QEGE	⊘ Approved	Standard Prequalication Process	2/19/2021, 2:14:31 PM	-	Technology Combined Cycle Gas Turbine
		FT-2Qes8	Approved	Fast Track Prequalication Process	2/19/2021, 2:02:48 PM	-	Nominal Reference Power
		FT-2QaOg	Approved	Fast Track Prequalication Process	6		Approved CMU
		FT-2QaG0	Approved	Fast Track Prequalication Process	2/19/2021, 9:06:06 AM	-	
		CMU-2Pwc0	Approved	Standard Prequalication Process	2/17/2021, 5:35:22 PM	-	
		CMU-2RfjT	Rejected	Standard Prequalication Process	2/24/2021, 3:48:09 PM	-	
		VCMU-2Rfhn	• Prequalified	Specific Prequalication Process	2/22/2021, 9:05:13 AM	2/22/20	C



Standard

Stafidard

Standard

Standard

Fastfrack

Fastfrack

Pagensack

Prequalication

Prequalication

Prequalication

Prequalication

Pregualication

Prequalication

Approved

Approved

Approved

Approved

Approved

Approved

CMU-2QfmW

CMU-2QfMD

CMU-2QfGG

CMU-2QEGE

FT-2Qes8

FT-2QaOg

						Ella Group	
Mon 01/03/2021 16:24 noreply_crm@ELIA.BE Acc - CRM					CMU-2UDS2 / Standa	ard d on 3/1/2021, 4:23:44 PM • Created on 3/1/2021	
Dear,					CMU DETAILS	🖍 ED	IT OPT-OUT
The Nominal Reference Power of y You have 5 working days to conte	your CMU with IDCMU-2	UDS2 has been o /I IT Interface.	determined by ELI	A and is equal to 49 MW.	Status Number of Delivery Points Nominal Reference Power	Existing 1 49	
If no reaction is received within the	se 5 working days, the	Nominal Referer	nce Power will be c	considered as approved.			
King regards, The CRM team.					DELIVERY POINTS 1		
	UNIU-ZQIKE		Prequalication Bracess	Z/19/ZUZ1, Z.30.U8 MIVI -	DP A1		
	CMU-2UJpg	⊘ Approved	Prequalication Brocess	3/1/2021, 4:23:44 PM -	Status Type of Delivery Point	Existing TSO connected	
	CMU-2UHBN	⊘ Approved	Standard Prequalication	3/1/2021, 1:31:53 PM -	Technology	Combined Cycle Gas Turbine	
	CMU-2UDS2	Approved	Stafiଶିର୍ଧ୍ୱି Prequalication	3/1/2021, 1:16:48 PM -	Nominal Reference Power	49	

2/23/2021, 2:42:13 PM -

2/19/2021, 2:54:02 PM -

2/19/2021, 2:27:16 PM -

2/19/2021, 2:14:31 PM -

2/19/2021, 2:02:48 PM -

2/19/2021, 1:39:42 PM -

Nominal Reference Power Status

Combined Cycle	
49	
pending	
👍 APPROVE	GINTEST

elia

Nominal Reference Power | Determination / Notification / Contestation



elia Elia Group
Nominal Reference Power | Determination / Notification / Contestation

Mon 01/03/2021 16:27 noreply_crm@ELIA.BE Acc - CRM To Wuyts Joren
Dear,
The Nominal Reference Power of your CMU with ID CMU-2UDS2 is final and equal to 56 MW.
You will receive the prequalification results notification within 10 working days.
King regards, The CRM team.

Elia Group



Prequalification results | Notification



001010	respond		action bropp			iago	 Landing	200111	
Mon 01/03/2021 noreply_crm(Acc - CRM	16:28 @ELIA.BE								
To 📕 Wuyts Joren									
Dear,				_					
Your Existing CMU	with CMU ID C	MU-2UDS2 has	been prequalifie	d on 01/03/20	021 16:27:	37.			

Please find the prequalification results below:

- Nominal Reference Power: 49 MW
- Reference Power: 44 MW ٠
- Opt-out Volume: 5 MW ٠
- Eligible Volume: 39,6 MW ٠

King regards, The CRM team.



Prequalification results | Notification



≡	Prequalification File(s) ACC						← CMU-2UDS2 / Stan	dard odated on 3/1/2021, 4:27:37 PM • Prequalified on 21 • Created on 2/19/2021	
ff (CMUs 17							
		4			NO FILTER				
		ID	∓ status				Status Number of Delivery Points	Existing 1	
		CMU-2UIT3	Submitted	Prequalication Brocessa	3/1/2021, 3:27:18 PM	-	Nominal Reference Power	49	
		CMU-2UHj4	Submitted	Prequalication Rrocess	3/1/2021, 2:05:19 PM	-			
		CMU-2UHi2	Submitted	Prequalication	3/1/2021, 2:04:10 PM	-	DELIVERY POINTS 1		
		CMU-2Qfke	Submitted	Prequalication	2/19/2021, 2:56:08 PM	-	DP B3		
		CMU-2UDS2	Prequalified	Standard Prequalication Process	3/1/2021, 4:27:37 PM	3/1/2021	Status Type of Delivery Point	Existing TSO connected	
		CMU-2UHBN	⊘ Approved	Prequalication	3/1/2021, 1:31:53 PM	-	Technology	Combined Cycle Gas Turbine	
		CMU-2UDS2	⊘ Approved	Prequalication Rrocess	3/1/2021, 1:16:48 PM	-	Nominal Reference Power	49	
		CMU-2QfmW	Ø Approved	Standard Prequalication Brocess	2/23/2021, 2:42:13 PM	-			
		CMU-2QfMD	⊘ Approved	Prequalication Ripcess	2/19/2021, 2:54:02 PM	-			
		CMU-2QfGG	O Approved	Standard Prequalication Brocess	2/19/2021, 2:27:16 PM	-			
		CMU-2QEGE	Ø Approved	Prequalication	2/19/2021, 2:14:31 PM				
		FT-2Qes8	⊘ Approved	Prequalication	2/19/2021, 2:02:48 PM	-			
JW		FT-2QaOg	⊘ Approved	Prequalication	2/19/2021, 1:39:42 PM	-		CRM implementation task force 02/03,	/2021 39
				トダダナ,1530ド					



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Bid submission | User interface main screen





- 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



E Det

Bid submission | Bid creation

Create a new Bid		
Remaining Eligible Volume: 10 MW Required Volume to bid: 10 MW Volume (MW) 10.00	Create a new Bid	×
Price (#dMMY) 17.00 Contract duration (years)	СМИ	•
1	СМИ	
CREATE	 Remaining Eligible Volume: 10 MW Required Volume to bid: 10 MW Volume (MW) 	
	10.00	
	Price (€/MW/Y)	
	17.00	
	Contract duration (years)	
	1	
		CREATE BID

- User have 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 compliancy check is performed at bid creation stage
- "Create bid" leads to bid with status "Saved"



≡		Bids					,	BID SETS 🛛 🗙 BID EXCLU	ISION + ADD NEW BID
f	Home	Auction 7			Auction Type 2025	Y-4	≎ =, ,ompliance	снеск 🗐 ѕивміт	✓ AUCTION'S STATS
	Bids				N	0 FILTER			
ıl.	Reports	Q ID	Q CMU ID	= COMPLIANCE	∓ STATUS	⁺↓ VOLUME	t, PRICE	₹ CONTRACT	
0	About	# 1	СМИ	Success	Saved	10 MW	17 (€/Kw/Year)	1	····· 🗙 4
		#2	СМИ	Waiting	 Saved 	9 MW	17.5 (€/Kw/Year)	1	- • 4
		#3	СМИ	Waiting	Saved	8 MW	18 (€/Kw/Year)	1	······································
		#4	СМИ	Waiting	 Saved 	7 MW	18.5 (€/Kw/Year)	1	· · · · · · · · · · · · · · · · · · ·
		#5	СМИ	Waiting	Saved	6 MW	19 (€/Kw/Year)	1	
		#6	Linked CMU 1	Waiting	 Saved 	90 MW	15 (€/Kw/Year)	1	@ - X 0
		#7	Linked CMU 2	Waiting	Saved	90 MW	15 (€/Kw/Year)	1	⊡ - ⊠ 0

 Linked bids set menu may be used once bids are created and visible in user dashboard

Settings



Group Management	Bids t C Auction Type	2025 Y-4		
All groups	Show all bids +	ADD		
		Group Management	Bids C Auction Type 2025 Y-4	\$
		All groups	Show all bids + ADD	Set of linked bids #1
E Logout				

- Any linked bids need to belong to a set of linked bids
- Creation of a set of linked bids is the first step of linked bids specification
- Available sets of linked bids will be shown in the menu





- Once group is created, bids may be added to the set of linked bids
- Linked bids will be authorized based on prequalification data
- Bids may only belong to one set of linked bids
- All bids belonging to the set is linked to other bids in the same set





 Once set of linked bids is created, user needs to update the group composition to save change



≡		Bids					e	BID SETS 🛛 🗙 BID EXCLI	USION + ADD NEW BID
f	Home	Auction 7			Auction Type 2025	5 Y-4		CHECK =, SUBMIT	AUCTION'S STATS
	Bids				N	0 FILTER			
ıl.	Reports	Q, ID	Q, CMU ID		⇒ STATUS	₱ _₽ VOLUME	t₄ PRICE	₩ CONTRACT	₩ RELATIONS
0	About	#1	СМИ	Success	Saved	10 MW	17 (€/Kw/Year)	1	@ - 8 4
		#2	СМИ	Waiting	Saved	9 MW	17.5 (€/Kw/Year)	1	@ - 2 4
		#3	СМИ	Waiting	Saved	8 MW	18 (€/Kw/Year)	1	@ - @ 4
		#4	СМИ	Waiting	 Saved 	7 MW	18.5 (€/Kw/Year)	1	@ - @ 4
		#5	СМИ	Waiting	 Saved 	6 MW	19 (€/Kw/Year)	1	@ - 2 4
		#6	Linked CMU 1	Waiting	 Saved 	90 MW	15 (€/Kw/Year)	1	@ 1 @ 0
		#7	Linked CMU 2	Waiting	 Saved 	90 MW	15 (€/Kw/Year)	1	a 1 a 1





- Set of linked bids are visible in the main user dashboard
- In bid details menu, linked bids IDs are visible



Bid submission | Create exclusive set of bids

=		Bids						🚥 BID SETS 🛛 🗙 BID E	EXCLUSION + ADD NEW BID
•	Home	Auction 5				Auction Type 2021 Y-1	≎ ⊂ COMPL	IANCE CHECK 🚍 SUBMI	T AUCTION'S STATS
—	Bids					NO FILTER Bids	exclusion setu	up 🥌	
	Reports	Q ID	Q, CMU ID	= COMPLIANCE	⇒ STATUS	↑ VOLUME	↑ PRICE		₹ RELATIONS
0	About	☐ #1	СМИ	Waiting	 Saved 	10 MW	17 (€/MW/Year)	1	- • 0
		#2	СМИ	Waiting	() Saved	9 MW	17,5 (€/MW/Year)	1	@ - 🛛 0
		#3	CMU	Waiting	() Saved	8 MW	18 (€/MW/Year)	1	@ - 🛛 0
		#4	CMU	Waiting	() Saved	7 MW	18,5 (€/MW/Year)	1	🕶 - 🛛 🛛 O
		#5	CMU	 Waiting 	() Saved	6 MW	19 (€/MW/Year)	1	@ - 🛛 0
		L							

🔹 Settings

Eogout



Bid submission | Create exclusive set of bids



=	Bids		🚥 BID SETS 🛛 BID EXCLUSION 🕇 ADD NEW BID
Bid exclusion	C Auction Type 2021 Y-1	Bids exclusion with all bids	×
1 CMU	>	Bid - 1	SAVE
2 CMU	>		
3 СМU	>	Groups and Bids	Excluded K REMOVE ALL
4 CMU	>	Bid-2 CMU >1 ADD	
5 CMU	>	Bid - 3 CMU >1 ADD	
		Bid - 4 CMU >1 ADD	
		Bid - 5 CMU H ADD	
		Bids exclusion 1 by 1	
➔ Logout			



 \equiv

1 СМU 2 СМU

3 СМU 4 СМU

5 CMU

Bid exclusion





Bid submission | Create exclusive set of bids

≡ Bids			BID SETS 🛛 BID EXCLUSION 🕂 ADD NEW BID
Bid exclusion C Auction Type 2021 Y-1	\$		×
1 CMU	> Bid - 1		SAVE
2 сми	>		
3 CMU	> Groups and Bids	> ADD ALL Excluded	K REMOVE ALL
4 CMU	>	Bid - 2 CMU	IK REMOVE
5 CMU	>	Bid - 3 CMU	K REMOVE
		Bid - 4 CMU	K REMOVE
		Bid - 5 CMU	K REMOVE
Logout		Bid 1 is mutually with all bids relat "CMU"	r exclusive ted to CMU

Bid submission | Create exclusive set of bids with set of linked bids



 Set of exclusive bids may be created between individual and set of linked bids in the same menu

÷Ö;-



Bid submission | Bids relationships overview



- 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



Bid submission | Submit bids



- Bids submission triggers bids compliancy check of all the bids for current auction
- 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"

CLOSE



Bid submission | Check bids compliance



- Error log is showing all the errors identified during automatic compliancy checks
- More detailed errors illustrated in the specific use cases
- Demo environment will be provided to CRM candidates to test bids submission and to get to know error and warning messages





Bid submission | Bidding session auction parameters

=		Bids			AUCTION'S S
ŧ.	Home	Auction 1			
•	Bids				AUCTION'S STATS
	Reports	Q, 10	Q, CMU ID	T COMPLIANCE	
0	About	□ #1	CMU	• Success	20
					Global Price Cap (€/kw/ye
					70
					Intermediate Price Cap (€/
					01/09/2021 00:0
					Gate Opening for Saving
					15/09/2021 00:0
¢	Settings				Gate Opening for Submittin
Ð	Logout				30/09/2021 00-0

AUCTION'S STATS	RID SETS		CLUSION + ADD NEW BID
	PLIANCE CHECK	≡, SUBMIT	≁ AUCTION'S STATS
AUCTION'S STATS	₹ CONTR	ACT	AUCTION'S STATS 20 Global Price Cap (€/kw/year)
20 Global Price Can (6/kw/wast)	1		70 Intermediate Price Cap (E/kw/year)
eren free orb (eren jen j			01/09/2021 00:00:00 Gate Opening for Seeing: 15/09/2021 00:00:00 Gate Opening for Submitting:
70 Intermediate Price Cap (€/low/year)			30/09/2021 00:00:00 Gate Closing:
01/09/2021 00:00:00 Gate Opening for Saving:			
15/09/2021 00:00:00 Gate Opening for Submitting:			

- Auction parameter menu provides generic information related to the current auction
- Price caps, gate opening and closing times are visible in the dedicated drop down menu

Bid submission | Bidding session auction report

≡		Reports
f	Home	Auction Type 2025 Y-4 🗘
—	Bids	
	Reports	CRM Bid Report for 2025 Year 4
0	About	Acrobat (PDF) file
		Delivery Period Type Bid Id Capacity Market Unit Id Capacity Market Unit Id Chow Price (F/WV/year) Contract (MW) Price (F/WV/year) (Valume (F/WV/year) Contract (Valume (F/WV/year) (Valume (F/WV/year) Contract (Valume (Valume) (V
		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 2 CMU Existing 9,00 17,5 1 1,3,4,5 unknown 1/08/2021
		Year4 1 CMU Existing 10,00 17 1 2,3,4,5 True 26/02/2021 723230 7 1 2,3,4,5 True 26/02/2021 7,23:30 7,72:30
		Rich Text Format
		TIFF file
		Word Document •
\$	Settings	
€	Logout	

- 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



02/03/2021 | Sybille METTENS



Assumptions & purposes



elia	Individual Schedu Prequalification F	u ling Tool Process
Elia Group		
Assumptions:		
Executive summary		
Does not replace the operation	ational details and associated timings specified in th	he Functioning Rules
Timings summarized are n	ot exhaustive	
Specified timings refer to a	maximum duration expressed in Working Days	
ELIA may always finalize the	e related action in a shorter period of time	
ELIA will make best effort t	o shorten the analysis period	
The terminology used is de	fined in the Functioning Rules	
Some maximal durations a	re arbitrarily shortened in the tool to provide the res	sults on time (cf. Functioning Rules)
Purposes:		
Illustration of the steps and	the key dates of the Prequalification Process	
Support tool for the CRM C	andiate	
Tool to manage one CMU	at a time	
Need help?		
The user manual of the Ex	cel tool is in the next tab	
In case of questions, pleas	e contact: customer.crm@elia.be	
More information on the P	equalification Process can be found via this	ink (Phase 2)

0-



Assumptions & purposes

1) To which Auction year do I want to participate ?

2021 (Auction Y-1 & Y-4)

2) To which Prequalification Process do I want to participate ?

I want to participate to a Standard Prequalification Process

I want to participate to a **Specific Prequalification**

I want to participate to a Fast Track Prequalification



Fast Track Prequalification Process

Fast Track Prequalification Process



Caption:

	I
	1
	8
	8

Deadline defined in (or deducted from) the Functionning Rules

Editable field

Non-editable field

Non-applicable regarding the data submitted



Fast Track Prequalification Process

Fast Track Prequalification Process

Applicat	tion form		cation File		Prequalification results notification	$\left[\right>$	
Application form submission date:	Application form approval Last possible date:	Prequalification File submission date #1:	Request for additional information by ELIA Last possible date:Prequalification File submission date #2:Approval of the 		Prequalification results notification Last possible date:		
08/06/2021	15/06/2021	15/06/2021	13/07/2021	20/07/2021	28/07/2021	11/08/2021	
Deadline for the application form submission: 08/06/2021		Deadline for the Prequalification File submission #1: 15/06/2021		Deadline for the Prequalification File submission #2: 20/07/2021		Deadline for the prequalification results notification: 15/09/2021	

Caption:

Deadline defined in (or deducted from) the Functionning Rules Editable field Non-editable field Non-applicable regarding the data submitted



Specific Prequalification Process

Pregualification results Application form **Prequalification File** notification Application form **Pregualification File Request for additional Pregualification File Pregualification File Pregualification results** Application form approval submission date #1 information by ELIA submission date submission date #2 approval notification 13/07/2021 11/06/2021 13/07/2021 13/07/2021 06/06/2021 15/06/2021 Deadline for the Deadline for the Deadline for the Deadline for the application form Pregualification File **Prequalification File** préqualification results submission submission submission #2 notification 20/07/2021 08/06/2021 15/06/2021 15/09/2021 Indicates the parts of the process

Specific Prequalification Process

Caption:

	l
1 	ł

Deadline defined in (or deducted from) the Functionning Rules Editable field

Non-editable field

Non-applicable regarding the data submitted

that do not concern you (Function of the encoded data)



Specific Prequalification Process

Specific Prequalification Process

Applicat	tion form		Prequalifi	cation File		Prequalification results notification	
Application form submission date	Application form approval	Prequalification File submission date #1	Request for additional information by ELIA	Prequalification File submission date #2	Prequalification File approval	Prequalification results notification	
06/06/2021	11/06/2021	15/06/2021	13/07/2021	20/07/2021	28/07/2021	28/07/2021	
Deadline for the application form submission 08/06/2021		Deadline for the Prequalification File submission 15/06/2021		Deadline for the Prequalification File submission #2 20/07/2021		Deadline for the préqualification results notification 15/09/2021	

Caption:

Deadline defined in (or deducted from) the Functionning Rules Editable field Non-editable field

Non-applicable regarding the data submitted

Standard Prequalification Process



, benvery roma		
very Points are incl	luded in your CMU?	
pint	•	
intend to) send an i	investment file to CRI	EG?
Intend to) send an i	determinetion version	EG?
	very Points are inc	very Points are included in your CMU?

Additional information specifically to be provided for a Standard Prequalification Process



Standard Prequalification Process



Standard Prequalification Process

na	NRP determin	terminat	ation/notification/c	ontestation		Prequa	ification results not	ification	
									2
P	Provisional NRP contestation	RP Pr n	Prequalification test date	Final NRP notification	Adaptation of the Opt-out Notification #1	Prequalification results notification #1	Adaptation of the Opt-out Notification #2	Prequalification results notification #2	
				11/08/2021		11/08/2021			
P	Deadline for the provisional NRP contestation	n Pr	Deadline for the Prequalification test date		Deadline for the adaptation #1 of the Opt-out Notification	Deadline for the préqualification results notification	Deadline for the adaptation #2 of the Opt-out Notification		
						15/09/2021			

Caption:

Deadline defined in (or deducted from) the Functionning Rules
Editable field
Non-editable field
Non-applicable regarding the data submitted

Example with an Additional CMU:

- Only Additional Delivery Points
- No investment file sent to CREG
- No Opt-out Notification
- Only TSO-connected Delivery Points





02/03/2021 | Sybille METTENS, Nicolas MAY



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Agenda



Demo account setup

> Account creation in the DEMO environment



Prequalification demo environment

- > Concept
- > Practicalities
- > Way forward



Auction demo environment

- > Concept
- > Practicalities
- > Way forward



CRM Demo Account set-up

Account creation in the DEMO environment





Account set-up

Creation of an account in the **DEMO tool**:

Go to the <u>DEMO web page</u>¹ and **create an account** for your company This account gives access to Prequalification DEMO & Auction DEMO



1: The link will be communicated to market parties during the week of March 22.





Account set-up

Follow the **3 steps** to set-up your DEMO account:

- 1. Company information
- 2. Bank details
- 3. Contact details



Contacts details = Users of the DEMO tool No limit on the number of users

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

Legal Status *	
·	
Business number	
0	
0	
Fax	
	2
	Legal Status * Business number Fax


Account set-up

- ELIA confirms the successful **submission** of the application form via the email address(es) provided
- ELIA confirms the approval of the application form within 5 Working Days and sends by mail a user ID
 & a password to each user to log in to the DEMO tool.

Application form approved in DEMO environment *≠* Application form approved in PRODUCTION environment



Thank you!

Your application form has been received.

Once it has been approved by ELIA, you will receive your accesses to the CRM IT Interface via the e-mail addresses provided for each contact details.

GO BACK TO SITE



Prequalification demo environment Concept and way forward





Prequalification demo platform | Purpose and scope



Purpose

- Guide the CRM candidate through the submission of their Prequalification Files out of rush time
- Get to know the prequalification platform before gate opening time (May 15)
- Understand how CMU submission will happen practically on the IT interface
- Confirm compatibility of CRM candidate internet browser

Concept

- Elia provides a DEMO environment to the CRM Candidates willing to test the Prequalification File submission before gate opening time (May 15)
- Demo platform is not linked with auction demo platform
- CRM candidate are able to submit Prequalification Files and perform automatic checks

Out of scope

- Manual checks performed by ELIA operators
- Volumes determination (NRP, EV, etc.)
- Prequalification results notification



Prequalification demo platform | Implementation steps





Auction demo Environment

Concept and way forward





Auction demo platform | Purpose and scope

=		Bids					🚾 BID SETS	💌 BID EXCLUSIO	ON + ADD NEW BID
÷	Home	Auction o		Auction Tr	ре 2021 Ү-1 🗘	E, COM	PLIANCE CHECK	E, SUBMIT	AUCTION'S STATS
		4			NO FILTER				
	Reports	Q, ID	Q, CMU ID	Create a new Bid		×	ts PRICE	T CONTRACT	₹ RELATIONS
0	About			CMU					
				Volume (MW)					
				Price (€/Kw/year)					
				Contract duration (years)					
					CR	EATE BID			
\$	Settings								
	Logout								

CMU ID	Capacity Category		Proces		Process Status		Eligible Volume	Remaining Eligible Volume	ŕ
			VIU D	EAN	Name	(Linked Capacities		

<u>Purpose</u>

- Guide the CRM candidate through the process of bid submission out of rush time (sept 2021)
- Get to know the auction platform before Gate opening time
- Understand how bid submission will happen practically on the IT interface
- Confirm compatibility of CRM candidate internet browser
- Face automated validation checks and deal with error log

Concept

- Elia provides a "demo" environment to the CRM candidates willing to test the auction submission platform before gate opening time
- Demo platform is not linked with prequalification demo platform.
- CRM candidate will be able to submit bids and check their compliancy

Out of scope

- Auction clearing not covered
- Parameter used (IPC, GPC, ...) are fictive and non-binding



Auction demo platform | Practicalities



- CRM candidates needs to first create a user account to access demo environments
- Prequalification and auction demo environment are independent
- No synchronization between auction and prequalification databases in the demo environment
- CMU portfolio of each CRM candidate is created at once via an Excel file and used as input to automatic compliancy checks performed by the tool. CMU portfolio can be created for CRM candidate (company)



Auction demo platform | CMU Portfolio excel file

- The CRM candidate sends the completed <u>CMUs profile definition form</u> (.xlsx) <u>and associated company name</u> (as configured in the prequalification tool) to <u>demo.crm@elia.be</u>
 - CMU Data sheet:

Value	Description
CMU ID	CMU ID as it would be defined in the prequalification tool (Candidate can choose it only for the Auction Demo)
Capacity Category	As defined in article 2, 84° of the Electricity Act. As referred to in article 7undecies § 7 of the Electricity Act, the Capacity Contract Durations 1-year, 3-years, 8-years and 15-years, depending on the category. Possible values: 1, 3, 8, 15
Process	Possible values: Standard, Specific
Process Status	Possible values: Additional, Existing, Virtual
Eligible Volume	The Reference Power of an Existing CMU or Additional CMU multiplied by the Derating Factor as determined during the Prequalification. [MW]
Remaining Eligible Volume	The maximum capacity that the Capacity Provider can contract for a Transaction on the Primary Market (as demonstrated in annex 17.1.18). This is the same value as EligibleVolume if the CMU is participating to an auction for the very first time. [MW]

• Delivery Points sheet:

Value	Description
CMU ID	CMUID as defined in the sheet "CMUData"
EAN	EAN code of the Delivery Point associated to the CMU defined in the column CMUID. Fictive value
Name	Delivery Point name associated to the CMU defined in the column CMUID
Linked Capacities	This list allows the CRM Candidate to enter the CRM ID of the Delivery Points that are located on the same geographical site and with a technical dependency. Only to be filled in if the Delivery Point, for which the information is being completed, is dependent on the Delivery Point in the table.

• Example:

CMU ID	Capacity Category	Process	Process Status	Eligible Volume	Remaining Eligible Volume		
CMU-TEST1	8	Standard	Additional	322	322		
CMU ID EAN		Name		Linked Capacities	CRM imr	CRM implementation task force 02/03/2021	
CMU-TEST1	123456789123456789	GasT	urbine_Brussels				



CRM candidates provide CMUs profile definition form (.xlsx) and related company name to Demo.CRM@Elia.be to let Elia Last week of March: create CMUs profiles in the auction data **Demo environment Go-**02/03 : Task force base¹² live ³ Elia support answers operational questions Market parties are requested to provide feedback on demo that CRM candidate creates 15/03: Elia provides template could improve bids submission form (.xlsx) for CRM its profile process candidate CMUs profile definition and associated documentation via CRM internet website

Auction demo platform | Implementation steps

CRM implementation task force 02/03/2021 81

¹ CMU profile definition may take up to 5 working days depending

² To ensure demo CMU profile is already available as soon as the demo environment is live, CRM candidates are invited to send their CMU profile definition form before 19/03.

³ Links will be shared to market parties via TF mailing list and put at disposal on ELIA's CRM webpage



LEA

Next meetings



Next meetings

TF CRM #24 : Thursday 1 April 2021

TF CRM #25 : Tuesday 20 April 2021

TF CRM #26 : Friday 21 May 2021

TF CRM #27 : Friday 11 June 2021

TF CRM #28 : Tuesday 29 June 2021

TF CRM #29 : Friday 3 September 2021

TF CRM #30 : Thursday 23 September 2021

TF CRM #31 : Thursday 28 October 2021

TF CRM #32 : Friday 19 November 2021

TF CRM #33 : Tuesday 14 December 2021



Thank you.

