

EMCS Client Interface User Guide

Energy Markets Clearing System Client Interface

Version 3.1



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ISSUE LIST

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1.0	EMCS Client Interface User Guide
1.1	Risk Assessment Report
1.2	Fees Analysis Report & CSV per Clearing Account
1.3	CSV Clearing Accounts-Subaccounts
1.4	Annex includes CSV Files Specifications
1.5	Transition to Production System
1.6	EIC Code in Clearing Accounts CSV
1.7	New Screens and Files for Balancing Market
1.8	New CSV Files for Credit Limits & Default Fund
1.9	New CSV File for Balancing Settlement Instructions and additional Fee Type (Remit Fees)
2.0	CRIDAs Go Live
3.0	Implementation of HEnEx's Natural Gas Trading Platform
3.1	Addition of "Participant's Annual Subscription Fee" in "Fees Analysis" CSV file

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2. General

2.1. Scope – General Description

The purpose of this document is to describe the **EMCS Client Interface** (hereafter “**EMCS Client**”) functionalities performed by Clearing Members. The EMCS Client supports Clearing Members to execute their role, as guarantors and payment agents for all trades concluded by Participants on the Electricity Markets of HEnEx (Day-Ahead and Intra-Day Markets), on HEnEx’s Natural Gas Trading Platform (NGasTP), as well as for the Positions on IPTO’s Balancing Market.

Furthermore, Clearing Members take over the obligations of the required daily cash settlement amounts, as well as all taxes, fees and other rights required by EnExClear, HEnEx, IPTO, or other third parties.

There are two types of EnExClear Clearing Members, supported by EMCS Client:

✚ **Direct Clearing Members (DCM)**: authorized to clear only their own transactions or positions, as Market Participants.

✚ **General Clearing Members (GCM)**: authorized to clear other Participants’ transactions or positions.

EnExClear has developed the EMCS Client for Clearing Members, in order to be able to receive the Clearing / Settlement results of trades executed on HEnEx or positions held in IPTO’s Balancing Market as well as to manage their Collaterals and Credit Limits, through the following functionalities:

- Clearing Accounts’ Monitoring,
- Monitoring and coverage of their obligations arising of the calculated risk per Clearing Account,
- Monitoring and fulfillment of their obligations / requirements, regarding the settlement of trades or positions within the EnExClear Time Schedule (daily cash settlements, fees and taxes),
- Collaterals’ Management,
- Management of Participants’ Credit Limits,
- Reporting.

2.2. How to use EMCS User Guide

This EMCS User Guide is intended as a self-tutorial and a reference with explanations of the functions available in the EMCS Client. More specifically, EMCS User Guide is divided in the following sections:

- **Definitions and Acronyms**
- **Overview of Clearing and Risk Management procedures** supported by “EMCS Client”
- **EMCS Client Overview and Technical Requirements**
- **Description of how to start and stop the EMCS Client** along with a summary of the function keys that you can use.
- **Description of the EMCS Client Menu**, which is divided in:
 - **Clearing and Settlement** - Functions & Reports
 - **Risk Management** - Functions & Reports
 - **Data Export** – CSV/Excel files that can be produced by users
 - **System** – How to change password and system’s information
 - **Exit** – logout of the application

3. Definitions and Acronyms

ACRONYM	EXPLANATION
CM	Clearing Member
CA	Clearing Account
CSA	Clearing Sub Account
DCM	Direct Clearing Member
EnExClear	Clearing House of HEnEx Electricity Markets
EMCS	Energy Market Clearing System
ETSS	Energy Trading Spot System
GCM	General Clearing Member
HEnEx	Hellenic Energy Exchange S.A.
IPTO	Independent Power Transmission Operator
NGasTP	Natural Gas Trading Platform
OBOT	On Behalf of Trading
Trading Member	Trading Member / Participant of HEnEx

4. Clearing Procedures

4.1. HEnEx's Electricity Markets:

Every Clearing Date the following Clearing and Risk Management procedures are carried out for HEnEx DAM & IDM Markets, by EnExClear through "EMCS" and Clearing Members through "EMCS Client":

RESPONSIBLE	APPLICATION	ACTIVITIES
HEnEx	ETSS	<p>ETSS sends to EMCS the following results, concerning:</p> <ul style="list-style-type: none"> • Trades: performed to HEnEx Electricity Markets, during the trading session, in order the Clearing and Settlement procedure to be performed. • Required Penalties: payable upon the issuance of the relevant voucher per Participant
EnExClear	EMCS	<ol style="list-style-type: none"> 1. Trades' Finalization. 2. After finalization, no modification or correction or edition of trades can be performed. 3. EMCS calculates HEnEx Electricity Markets' net obligations and requirements, being notified to EnExClear, until time "T". <p>The "Settlement Date" of Clearing Members' cash obligations / requirements, is defined as follows:</p> <ol style="list-style-type: none"> a) Concerning the Clearing Accounts having cash obligations, the Settlement Date is defined as the first working date that follows the Clearing Date b) Concerning the Clearing Accounts having cash requirements, the Settlement Date is defined as the second working date that follows the Clearing Date c) The above obligations and requirements are performed, through the Target2 Cash Settlement Accounts of the Clearing Members. <ol style="list-style-type: none"> 4. Finally, EnExClear performs the following activities: <ul style="list-style-type: none"> • <i>Calculation of Fees & Taxes,</i> • <i>Collaterals' Evaluation,</i> • <i>Margins Requirements' Calculation,</i> • <i>Monitoring & Calculation of Credit Limits,</i> • <i>Reference Prices' Calculation,</i> • <i>Reports of Clearing Results.</i>

Clearing Members	EMCS Client	<p>After the trades' finalization, Clearing Members receive through "EMCS Client" the following information about:</p> <ul style="list-style-type: none"> • <i>Trades Details,</i> • <i>Cash Obligations & Requirements,</i> • <i>Fees and Taxes,</i> • <i>Collaterals' Evaluation,</i> • <i>Margin Requirements and</i> • <i>Credit Limits.</i> <p>According to EnExClear's Time Schedule, Clearing Members may perform the following activities, during the Clearing Date:</p> <ul style="list-style-type: none"> • <i>Submission of the Application of Cash Collaterals Return,</i> • <i>Submission of the Application of Cash Collaterals Deposits to cover the Margins Requirements and also the Credit Limits' increase,</i> • <i>Credit Limits' Management,</i> • <i>Providing Letters of Guarantee to cover their Margin Requirements and also their Credit Limit's increase.</i>
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4.2. IPTO's Balancing Market:

Every Clearing Date the following Clearing and Risk Management procedures are carried out for IPTO's Balancing Market by EnExClear through "**EMCS**" and Clearing Members through "**EMCS Client**":

RESPONSIBLE	APPLICATION	ACTIVITIES
IPTO	sftp	<p>IPTO sends to EnExClear the Positions for Participants of Balancing Market</p>
EnExClear	EMCS	<p>EnExClear performs the following actions:</p> <ol style="list-style-type: none"> 1. Positions Finalization. 2. After finalization, no modification or correction or edition of positions can be performed. 3. EMCS calculates net obligations and requirements, being notified to EnExClear. <p>The "Settlement Date" of Clearing Members' cash obligations / requirements, is defined as follows:</p> <ol style="list-style-type: none"> a) Concerning the Clearing Accounts having cash obligations, the Settlement Date is defined as the second working date that follows the Clearing Date

		<p>b) Concerning the Clearing Accounts having cash requirements, the Settlement Date is defined as the third working date that follows the Clearing Date</p> <p>c) The above obligations and requirements are performed, through the Target2 Cash Settlement Accounts of the Clearing Members.</p> <p>4. Finally, EnExClear performs the following activities:</p> <ul style="list-style-type: none"> • <i>Calculation of Fees & Taxes,</i> • <i>Collaterals' Evaluation,</i> • <i>Margins Requirements' Calculation,</i> • <i>Reports of Clearing Results.</i>
Clearing Members	EMCS Client	<p>After the trades' finalization, Clearing Members receive through "EMCS Client" the following information about:</p> <ul style="list-style-type: none"> • <i>Settlement Details,</i> • <i>Cash Obligations & Requirements,</i> • <i>Fees and Taxes,</i> • <i>Collaterals' Evaluation,</i> • <i>Margin Requirements</i> <p>According to EnExClear's Time Schedule, Clearing Members may perform the following activities, during the Clearing Date:</p> <ul style="list-style-type: none"> • <i>Submission of the Application of Cash Collaterals Return,</i> • <i>Submission of the Application of Cash Collaterals Deposits to cover the Margins,</i> • <i>Providing Letters of Guarantee to cover their Margin.</i>

4.3. HEnEx's Natural Gas Trading Platform:

Every Clearing Date the following Clearing and Risk Management procedures are carried out for NGasTP, by EnExClear through "EMCS" and Clearing Members through "EMCS Client":

RESPONSIBLE	APPLICATION	ACTIVITIES
HEnEx	Trading System	Trading System sends to EMCS the following results, concerning:

		<p>Trades: performed to NGasTP, during the trading session, in order the Clearing and Settlement procedure to be performed.</p>
EnExClear	EMCS	<ol style="list-style-type: none"> Trades' Finalization. After finalization, no modification or correction or edition of trades can be performed. EMCS calculates NGasTP net obligations and requirements, being notified to EnExClear, until time "T". <p>The "Settlement Date" of Clearing Members' cash obligations / requirements, is defined as follows:</p> <ol style="list-style-type: none"> Concerning the Clearing Accounts having cash obligations, the Settlement Date is defined as the first working date that follows the Clearing Date Concerning the Clearing Accounts having cash requirements, the Settlement Date is defined as the second working date that follows the Clearing Date The above obligations and requirements are performed, through the Target2 Cash Settlement Accounts of the Clearing Members. <ol style="list-style-type: none"> Finally, EnExClear performs the following activities: <ul style="list-style-type: none"> <i>Calculation of Fees & Taxes,</i> <i>Collaterals' Evaluation,</i> <i>Margins Requirements' Calculation,</i> <i>Monitoring & Calculation of Credit Limits,</i> <i>Reports of Clearing Results.</i>
Clearing Members	EMCS Client	<p>After the trades' finalization, Clearing Members receive through "EMCS Client" the following information about:</p> <ul style="list-style-type: none"> <i>Trades Details,</i> <i>Cash Obligations & Requirements,</i> <i>Fees and Taxes,</i> <i>Collaterals' Evaluation,</i> <i>Margin Requirements and</i> <i>Credit Limits.</i> <p>According to EnExClear's Time Schedule, Clearing Members may perform the following activities, during the Clearing Date:</p> <ul style="list-style-type: none"> <i>Submission of the Application of Cash Collaterals Return,</i>

		<ul style="list-style-type: none">• <i>Submission of the Application of Cash Collaterals Deposits to cover the Margins Requirements and also the Credit Limits' increase,</i>• <i>Credit Limits' Management,</i>• <i>Providing Letters of Guarantee to cover their Margin Requirements and also their Credit Limit's increase.</i>
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5. EMCS Client Overview

5.1. EMCS Client Interface

The “**EMCS Client**” support clearing members to perform the daily Clearing and Risk Management procedures according to the rules set by EnExClear. EMCS Client interface provides:

- English language menu
- Drop down menus
- Toolbar
- Keyboard shortcuts
- Generate reports in PDF, CSV and XLS format
- Help menu

5.2. EMCS Client Installation

EnExClear’s Users have the following connectivity options to get access on EMCS Client interface:

- **Through internet ***
- **Through Intranet** (only for General Clearing Members – GCMs, connected in ATHEXNET)
- **Through ATHEXnet** (only for General Clearing Members – GCMs, connected in ATHEXNET)

Regardless of the users’ connection options, the EMCS Client interface supported by means of a Java applet, which is accessible by using the **Forms Standalone Application Launcher (FSAL)**¹, a utility provided by Oracle. Although an installation program is provided, some configuration actions may need to be performed on the workstation that is hosting the client application. The configuration process is simple however, depending on the company’s security policy; it may need to be done by IT personnel. The installation programs and the prerequisites that supporting EMCS Client described briefly in the following table:

In case of choosing to connect via internet it is a prerequisite to get the **Client Authentication Certificate which is provided by [ATHEX - Digital Certificates Services \(PKI-CA\)](#). Details concerning invoicing and procedure to obtain this Certificate are provided by ATHEX (PKI-CA) Email : PKICA-Services@athexgroup.gr*

¹ <https://www.oracle.com/technetwork/developer-tools/forms/documentation/fsal-security-4438382.pdf>

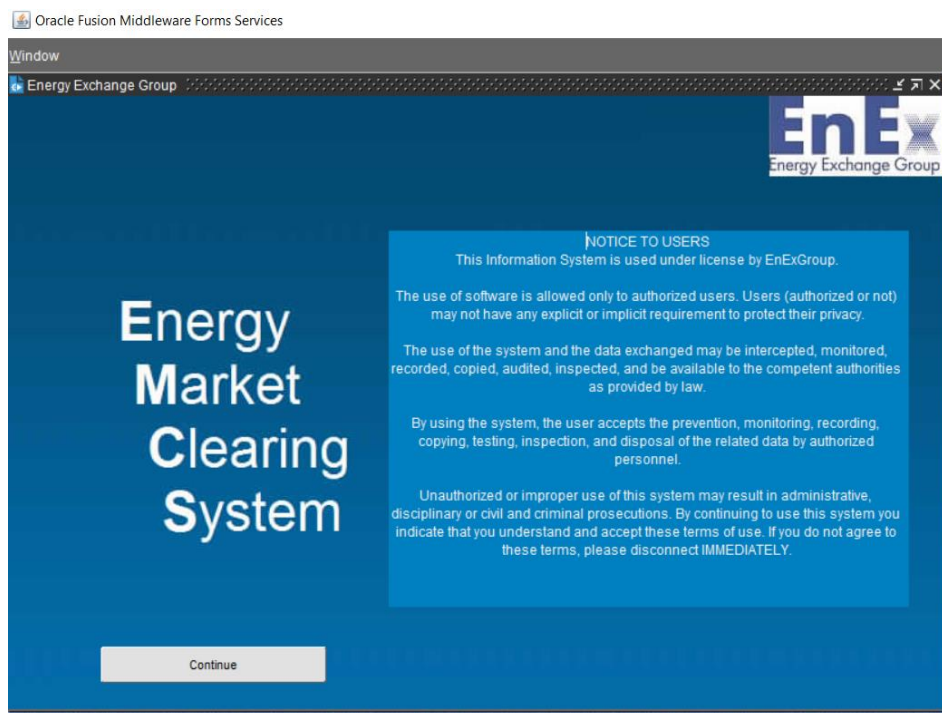
Installation Programs	Connection Type	Name of Executables File – Production System	Name of Executables File - UAT System
	- Via internet <i>Prerequisite is to install the Client Authentication Certificate</i>	<ul style="list-style-type: none"> Web_Emcs_Prod_64Bit-12.2.1.4.0.exe (64bit) Web_Emcs_Production-12.2.1.4.0.exe (32bit) 	<ul style="list-style-type: none"> Web_Emcs_Mock_64Bit-12.2.1.4.0.exe (64Bit) Web_Emcs_Mock-12.2.1.4.0.exe (32Bit)
	<ul style="list-style-type: none"> Via Intranet Via ATHEXNET <i>Available only for GCMs that are already connected to ATHEXNET</i>	<ul style="list-style-type: none"> Emcs_Prod_64Bit-12.2.1.4.0.exe (64bit) Emcs_Production-12.2.1.4.0.exe (32bit) 	<ul style="list-style-type: none"> Emcs_Mock_64Bit-12.2.1.4.0.exe (64Bit) Emcs_Mock-12.2.1.4.0.exe (32Bit)
Installation Instructions	EMCS - Guidelines for client workstation setup.pdf		

6. The EMCS Client Interface

6.1. How to Start the Application

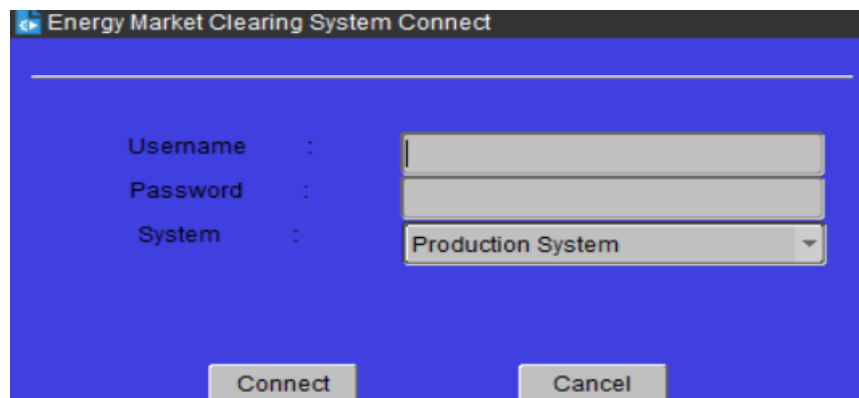
Start the “**EMCS Client**” by the **shortcut** that has been created on the user desktop after the installation of the EMCS Client, as described in [paragraph 5.2.](#)

The following window appears:



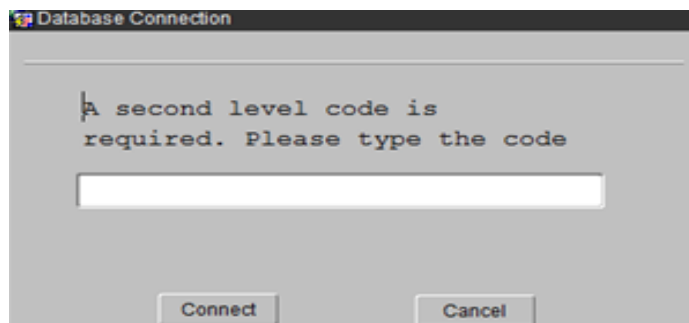
Screen 1 - Energy Market Clearing System

1. Select the button “**Continue**”,
2. Enter your EMCS credentials, as provided by EnExClear
Username: max length 8 Latin characters and
Password: at least 6 characters that contains at least two numeric digits



Screen 2 - EMCS Connect (Username & Password)

- Users who have access to EMCS **through internet or intranet** required to submit a second level code the **One Time Access Code (OTAC)**, which is send via e-mail or SMS on user's mobile phone and it is valid for 2 minutes:



Screen 3 - EMCS Connect (Second Level OTAC)

Note that at the first login, EMCS Client User should change its password following the procedure as described in [paragraph 10.1](#)

- After user's successful **login** to EMCS, the following Control Menu is displayed and information regarding user's reference data, such as:
 - Username**
 - Clearing Member's name and code**
 - System's information**
 - Last user's login (date & time)**



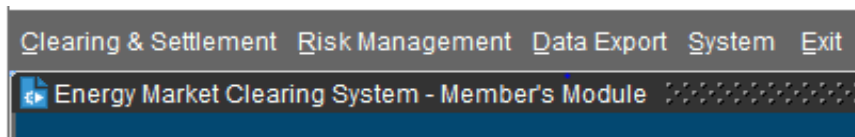
Screen 4 - EMCS Application Menu

6.2. How to Exit the Application?

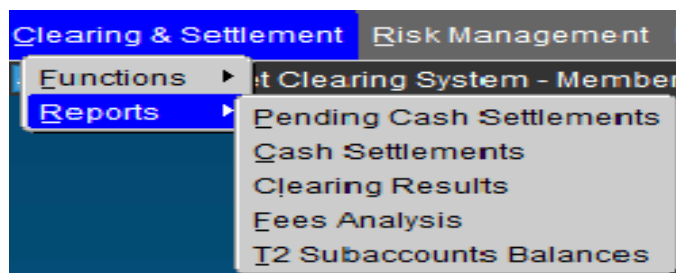
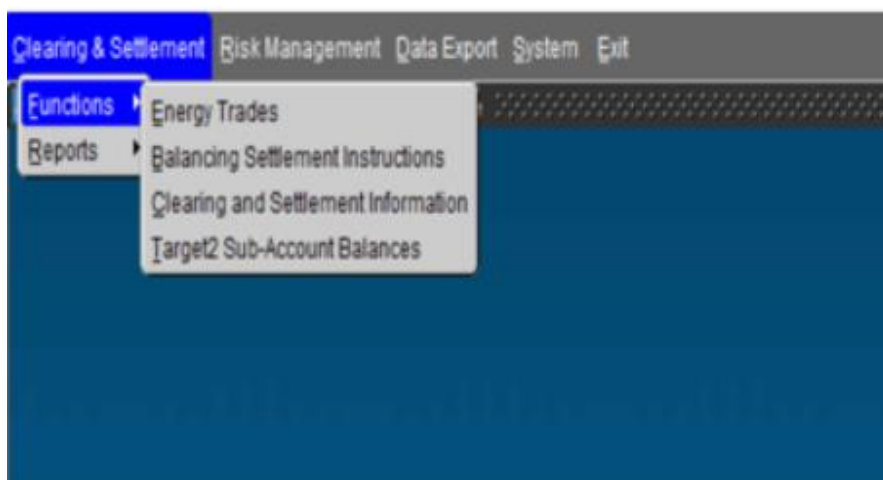
To **Exit from EMCS Client**, select **Exit** from the file drop-down menu.

6.3. Main File Drop-Down EMCS Menu

- After a successful login, the EMCS Client Main Menu is displayed, as below:

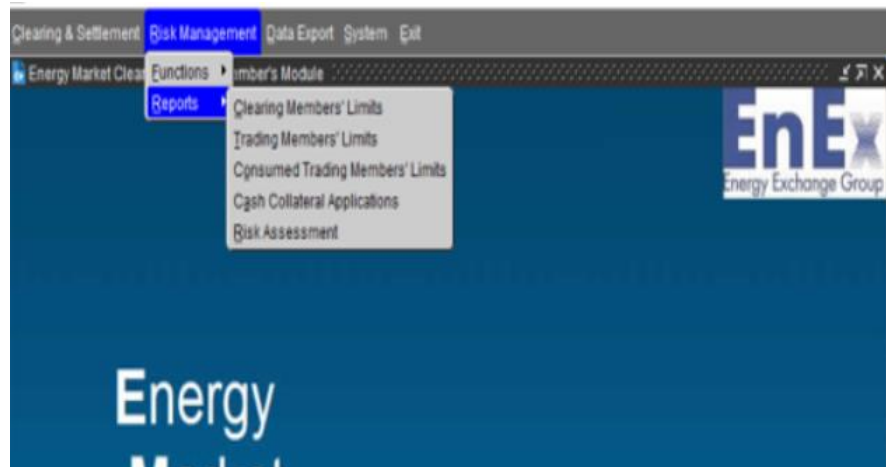


- The following sub menus (functions & reports) and functionalities are available from the **Clearing & Settlement Menu**:

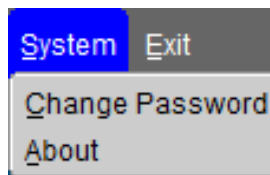


- The following Submenus (functions & reports) and functionalities are available from the **Risk Management Menu**:

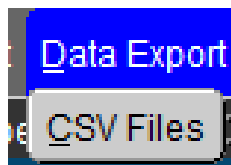




- The following functionalities are available from the **System Menu**:



- The following functionalities are available from the **Data Export Menu**:

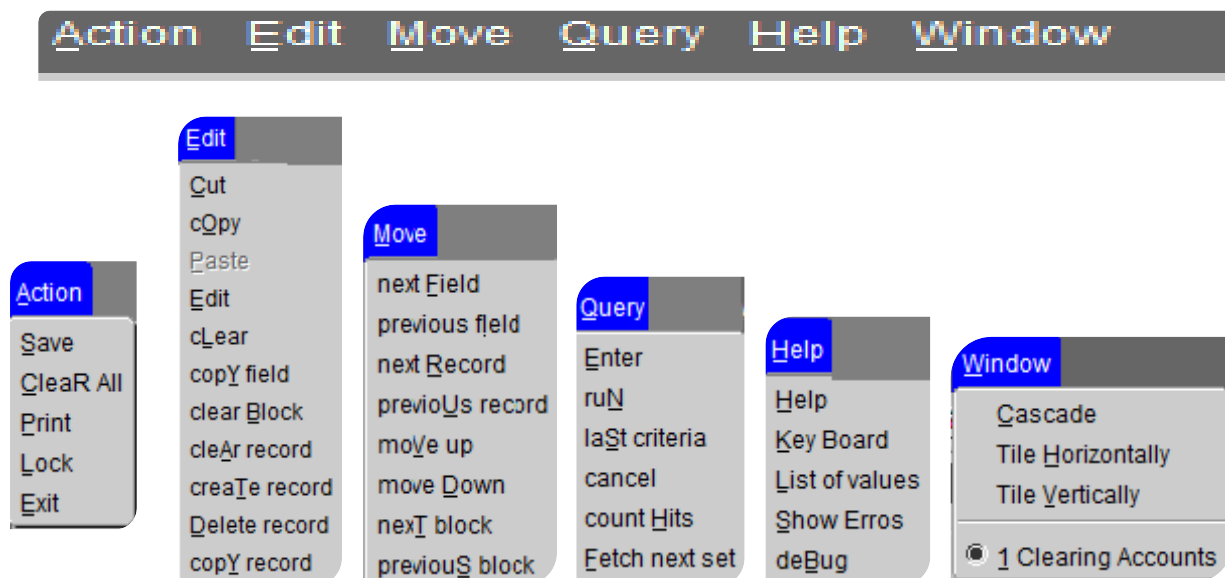


- To exit from EMCS Client, select the **Exit Menu**.
- In the following sections, a detailed analysis of menu and functionalities of EMCS Client is described.

6.4. EMCS Screen File Menu

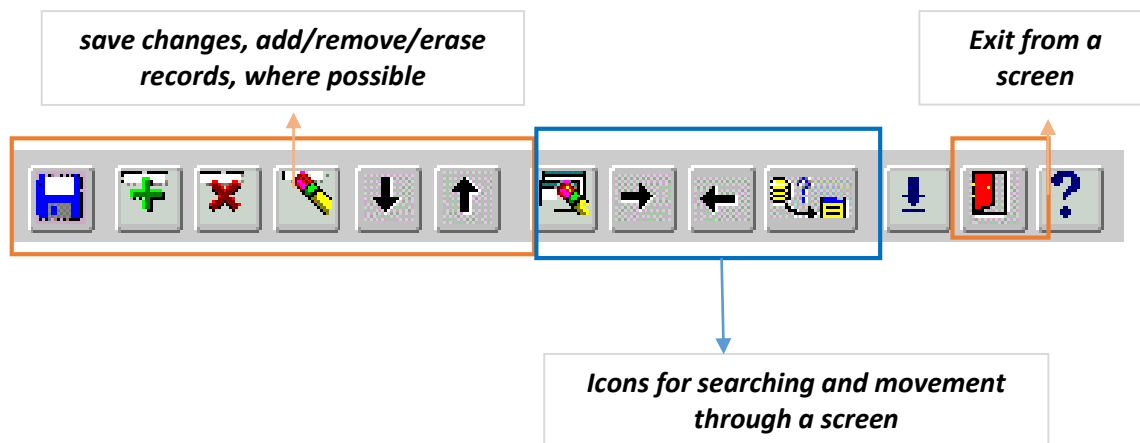
EMCS Screen File Menu displays functions that the EMCS Client user can select **to save/edit/clear/move records and resize, maximize, minimize or close a screen.**

Also, **Help and Query functions are available.** The following functionalities are available, through **Screen File Menu and Submenus:**


















6.5. Toolbar

The most used commands supporting users' actions in several screens of EMCS Client, such as *searching of static data, modify, save etc* are available in the following toolbar:



The description of the buttons of the above toolbar follows:

-  Save Changes
-  New Record
-  Delete Record
-  Clear Current Record
-  Go to next Record
-  Go to previous Record
-  Clear data from form
-  Go to next Block
-  Go to previous Block
-  Start Query →  where:  execute query  cancel query
-  Exit Form
-  Show information about the form

6.6. Keyboard shortcuts in EMCS Client

As an alternative to using the mouse in EMCS the F1- F10 function keys are configured to quickly run search important actions by means of a single keystroke. The most used functions Keys into a screen are:



Start Query




Execute Query



Save Changes

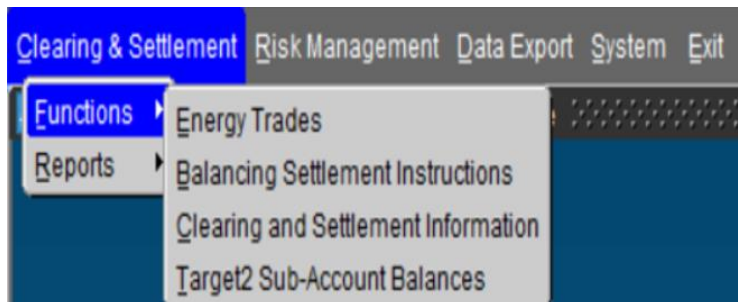
Additionally, certain CTRL key /Shift Key combinations are configured to quickly open/close/edit and list of values into screens. The most used function keys and combinations are summarized on the following table:

Key/Combination	Operation	Operation when combined with CTRL	Operation when combined with SHIFT
F1		List of Keys	Display Errors
F2	List of Tabs		
F7	Start Query		
F8	Execute Query		
F9	List of values		
F10	Save changes		
F12	Count Query		
CTRL+ E	Edit		
CTRL+ U	Clear Field		
CTRL+ Q	Exit Form		
CTRL+ H	Go to Help Screen		
	Return		
Tab	Next Field		Previous Field
Page Up	Scroll Up		Next Block
Page Down	Scroll Down		Previous Block

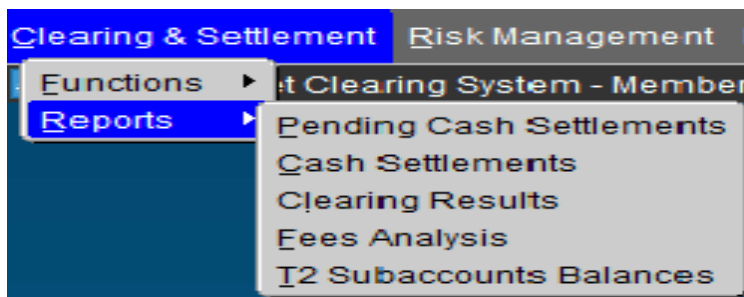
7. Menu: Clearing & Settlement

EMCS Clearing & Settlement Menu consists of two Submenus:

1. Submenu “**Functions**”: EMCS user extracts the data and information, regarding the results of trading activity clearing procedures, that have been operated by EnExClear:

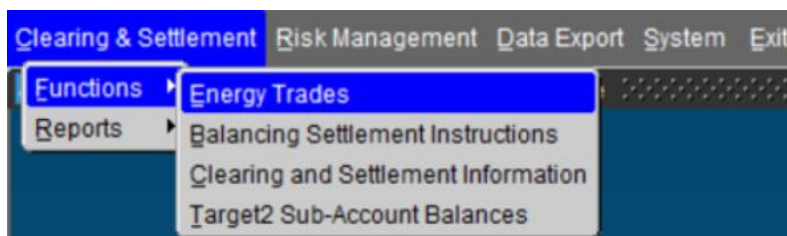


2. Submenu “**Reports**”: EMCS user produces reports, regarding its Cash Settlement obligations / requirements, as well as fees and taxes:



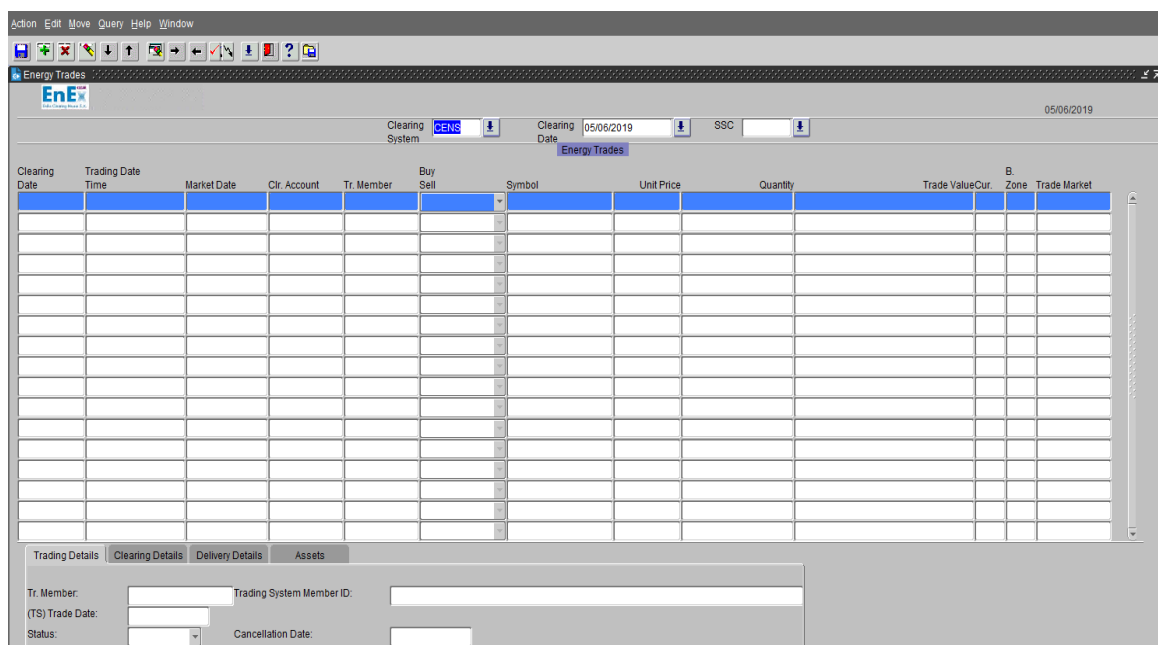
7.1. Screen: [Energy Trades]

Energy Trades Screen is used to retrieve details from trades, concluded in Trading System for a specific Clearing Date:



7.1.1. Screen Description: Energy Trades

The EMCS user selects the **EMCS Menu: “Clearing & Settlement/Functions/Energy Trades”**:



Screen 5 - Energy Trades

ENERGY TRADES		
Field Name	Description	Notes
Clearing System	Clearing System where Clearing Member participates	Receives the values: <ul style="list-style-type: none"> • “CENS” for DAM & IDM Markets • “CGAS” for NGasTP
Clearing Date	Clearing Date	Given by EMCS or selected from the user
SSC	EMCS Settlement System Code	Receives values: <ul style="list-style-type: none"> • “1000” for DAM & IDM Markets • “1600” for NGasTP
Clearing Date	Clearing Date	Given by EMCS
Trading Date Time	Trade Date and time that trade took place in Trading System	Given by EMCS
Market Date	Date of physical delivery	Given by EMCS
Clr.Account	Clearing Account Code	Given by EMCS
Tr. Member	Trading Member Code in EMCS	Given by EMCS
Buy / Sell	Indication of Buy or Sell	Given by EMCS
Symbol	Product Symbol	Given by EMCS
Unit Price	Price of Trade	Given by EMCS
Quantity	Trade Quantity	Given by EMCS
Trade Value	Trade Value	Given by EMCS
Cur.	Currency	Given by EMCS
B. Zone	Bidding Zone	Given by EMCS only for Electricity Markets of HEnEX
Trade Market	Electricity Markets	Receives the values: <ul style="list-style-type: none"> • DAM




ENERGY TRADES		
Field Name	Description	Notes
		<ul style="list-style-type: none"> • CRIDA1 • CRIDA2 • CRIDA3 • NGTRPL
TRADING DETAILS		
Field Name	Description	Notes
Trading Member	Trading Member Name	Given by EMCS
Trading System Member ID	Trading System Trading Member Code	Given by EMCS
(TS) Trade Date	Date that trade is concluded	Given by EMCS
Status	Trade Status	Receives the values: <ul style="list-style-type: none"> • Active • Inactive
Cancellation Date	Trade's Cancellation Date	Given by EMCS
CLEARING DETAILS		
Field Name	Description	Notes
Clearing System	Clearing System where Clearing Member participates	Receives the values: <ul style="list-style-type: none"> • "CENS" for DAM & IDM Markets • "CGAS" for NGasTP
Clr. Member	Clearing Member Code and description	Given by EMCS
Comments	Notes for specific trade	Given by EMCS
DELIVERY DETAILS		
Field Name	Description	Notes
Product ID	Product Numerical Code	Given by EMCS
Delivery Time	Physical Delivery Start Time	Given by EMCS only for Electricity Markets of HEnEX
Duration	Delivery Time	Given by EMCS only for Electricity Markets of HEnEX
ASSETS		
Field Name	Description	Notes
Asset TSO ID	IPTO Unit Code	Given by EMCS only for Electricity Markets of HEnEX
Asset EIC Code	Given by EMCS only for Electricity Markets of HEnEX	Given by EMCS only for Electricity Markets of HEnEX
Asset ID	ETSS Code	Given by EMCS only for Electricity Markets of HEnEX

Table 1 – Energy Trades

7.1.2. Screen Operation: Energy Trades

The user of Clearing Member performs the following actions **to retrieve the trades for a specific Clearing Date**:

1. **Fills in the mandatory field "Clearing Date"**. Optionally, more criteria may be filled in for the specific Clearing Date **to view the details of the trades**.

2. Selects the button  "Execute Query" from toolbar or (F8) to start searching: **The trades are displayed**, based on these criteria.
3. Selects the button  "Save data to file" from the toolbar to **export data from this screen to a file (csv or excel)**.
4. Selects the Exit button  to return to the initial EMCS Client Menu.

7.2. Screen: [Balancing Settlement Instructions]

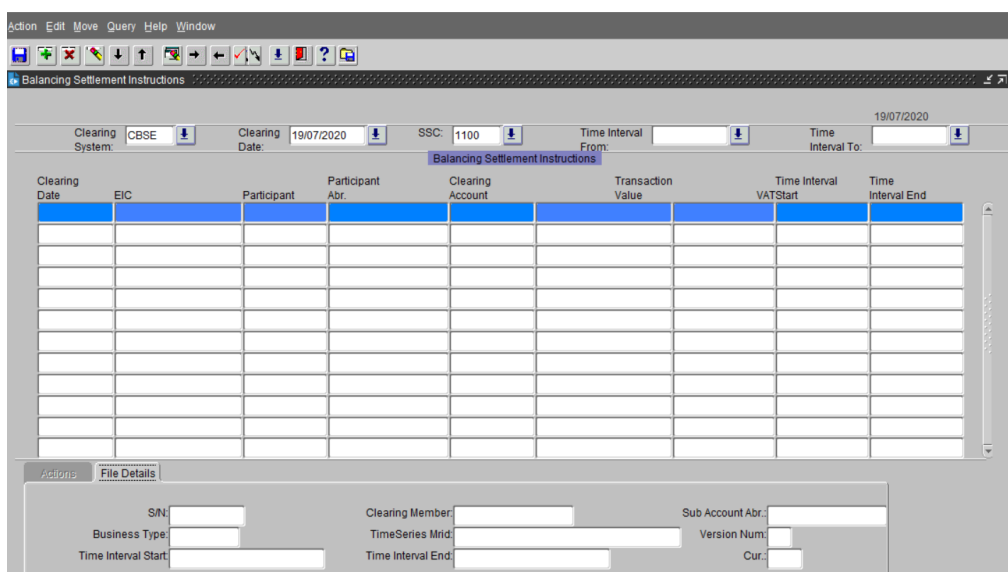
Balancing Settlement Instructions Screen helps the user of Clearing Member to monitor:

- a) its Obligations / Requirements per Clearing Date,
- b) VAT Amount calculated per Clearing Account, per Participant and per Clearing Date.

7.2.1 Screen Description: Balancing Settlement Instructions



The EMCS user selects the **EMCS Menu**: "Clearing & Settlement/Functions/Balancing Settlement Instructions":



The screenshot shows the 'Balancing Settlement Instructions' window. At the top, there are filters for Clearing System (CBSE), Clearing Date (19/07/2020), SSC (1100), Time Interval From, and Time Interval To. Below these is a table with columns: Clearing Date, EIC, Participant, Participant Abr., Clearing Account, Transaction Value, Time Interval VATStart, and Time Interval End. The table is currently empty. At the bottom, there are form fields for SIN, Business Type, Time Interval Start, Clearing Member, TimeSeries Mrid, Time Interval End, Sub Account Abr., Version Num., and Cur.

Screen 6 – Balancing Settlement Instructions




Balancing Settlement Instructions		
Field Name	Description	Notes
Clearing System	Clearing System where Clearing Member participates	Receives the value "CBSE"
Clearing Date	Clearing Date	Given by EMCS or selected from the user
SSC	EMCS Settlement System Code	Receives the value "1100"
Time Interval From	Start of the Reference period	Blanc
Time Interval To	End of the Reference period	Blanc
Clearing Date	Date that the Positions sent by IPTO	Given by EMCS
EIC	Participant's EIC Code	Given by EMCS
Participant	Participant's EMCS Code	Given by EMCS
Participant Abr	Participant's EMCS Abbreviation	Given by EMCS
Clearing Account	Participant's Clearing Account Code	Given by EMCS
Transaction Value	Participant's Settlement Instruction	Given by EMCS
VAT	VAT For Participant's Settlement Instruction	Given by EMCS
Time Interval Start	Start Day of the Reference Period	Given by EMCS
Time Interval End	End Day of the Reference Period	Given by EMCS
FILE DETAILS		
Field Name	Description	Notes
S/N	EMCS Settlement Instruction's S/N	Given by EMCS
Clearing Member	Clearing Member's Name	Given by EMCS
Sub Account Abr	Sub Account's Description	Given by EMCS
Business Type	Settlement Instruction's Business Type	Given by IPTO
Time Series Mrid	Settlement Instruction's Business Type	Given by IPTO
Version Num	Reference Period's Version	Given by IPTO
Time Interval Start	Reference Period's Start Time	Given by IPTO
Time Interval End	Reference Period's End Time	Given by IPTO
Cur	Currency	EUR

Table 2 – Balancing Settlement Instructions

7.2.2. Screen Operation: Balancing Settlement Instructions

The user of Clearing Member performs the following actions **to retrieve the settlement instructions for Balancing Market for a specific Clearing Date**:

1. **Fills in the mandatory field "Clearing Date"**. Optionally, more criteria may be filled in for the specific Clearing Date **to view the details of the settlement instructions**. If the User wants to retrieve information concerning a reference period, then selects the period from the list of the fields **"Time Interval From"** & **"Time Interval To"**.

2. Selects the button  “Execute Query” from toolbar or (F8) to start searching: **The settlement instructions are displayed**, based on these criteria.
3. Selects the button  “Save data to file” from the toolbar to export data from this screen to a file (csv or excel).
4. Selects the Exit button  to return to the initial EMCS Client Menu.

7.3. Screen: [Clearing and Settlement Information]

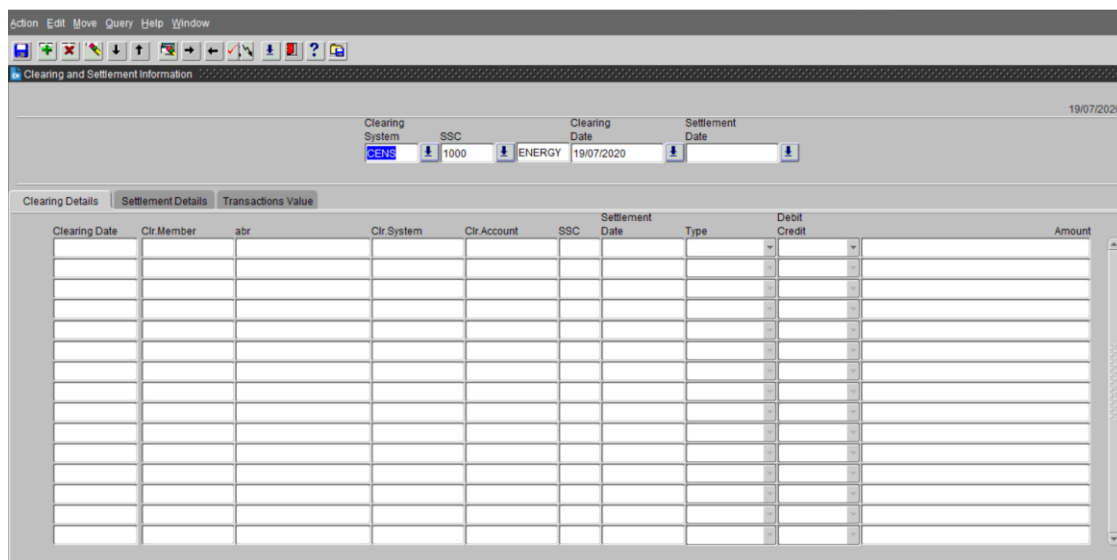
Clearing and Settlement Information Screen helps the user of Clearing Member to monitor:

- a) its **Obligations / Requirements per Clearing Date**,
- b) its **Obligations / Requirements per Settlement Date**,
- c) **VAT Amount calculated per Clearing Account, per Participant and per Clearing Date**.



7.3.1 Screen Description: Clearing Details

The EMCS user enters the EMCS Menu: “**Clearing & Settlement / Functions / Clearing and Settlement Information**”:



Screen 7 - Clearing and Settlement Information / Clearing Details


The fields of this screen are described below:

CLEARING AND SETTLEMENT INFORMATION		
Field Name	Description	Notes
Clearing System	Clearing System where Clearing Member participates	Selected from a list of values. Receives values: <ul style="list-style-type: none"> • “CENS” for DAM & IDM Markets • “CBSE” for Balancing Market • “CGAS” for NGasTP
SSC	EMCS Settlement System Code	Selected from a list of values. Receives values: <ul style="list-style-type: none"> • “1000” for DAM & IDM Markets • “1100” for Balancing Market • “1600” for NGasTP
Clearing Date	Clearing Date	DD/MM/YYYY
Settlement Date	Settlement Date	DD/MM/YYYY
CLEARING DETAILS		
Field Name	Description	Notes
Clearing Date	Clearing Date	Given by EMCS
Clr. Member	Clearing Member Code and Description	Given by EMCS
Clr. System	Clearing System where Clearing Member participates	Receives the values: <ul style="list-style-type: none"> • “CENS” for DAM & IDM Markets • “CBSE” for Balancing Market • “CGAS” for NGasTP
Clr. Account	Clearing Account Code	Given by EMCS
SSC	EMCS Settlement System Code	Receives values: <ul style="list-style-type: none"> • “1000” for DAM & IDM Markets • “1100” for Balancing Market • “1600” for NGasTP
Settlement Date	Settlement Date	Given by EMCS
Type	Type of Debt / Credit Amount	Receives the values: <ul style="list-style-type: none"> • Pwr Settl • Pwr VAT • Pwr Clr Fees • Pwr Trading Fees
Debit / Credit	Debt / Credit Amount	Receives the values: <ul style="list-style-type: none"> • Debit • Credit • - Debit • - Credit
Amount	Payable / Receivable Cash Settlement Amount	Given by EMCS

Table 3 – Clearing Details

7.3.2. Screen Operation: Clearing Details

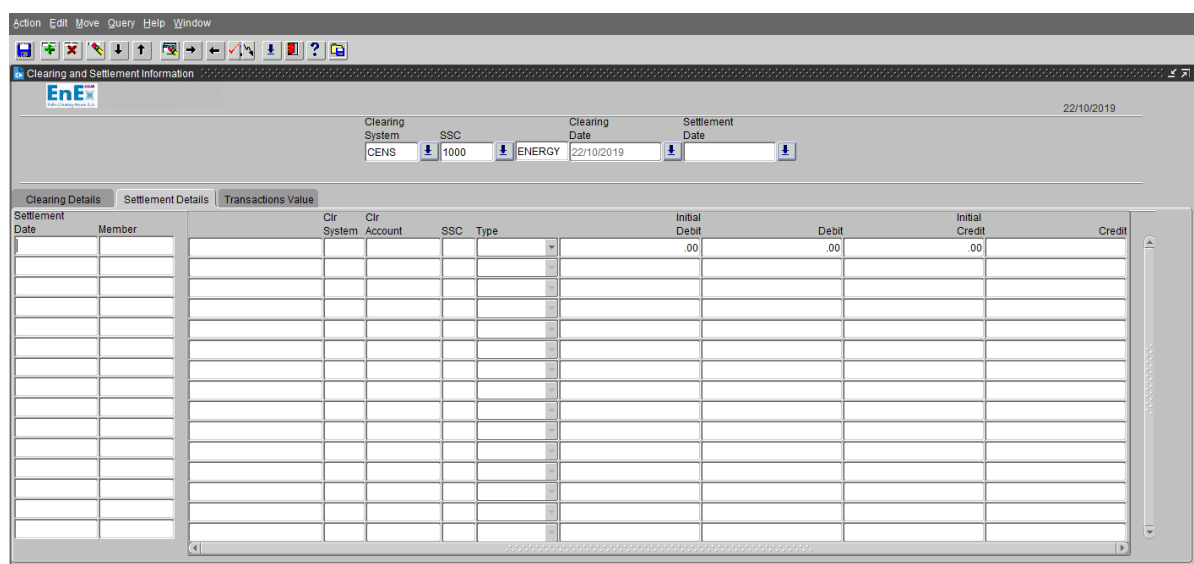
The user of Clearing Member performs the following actions to monitor its obligations / requirements per Clearing Date:

1. Fills in the field **"Clearing Date"** or the **"Settlement Date"** and selects the  **"Execute Query"** button from toolbar or **(F8)**: The rest of values are displayed on this screen, based on these criteria.

2. Selects the button  **"Save data to file"**, to extract data from this screen to a file.

3. Selects the  **Exit button** to return to the initial EMCS Client Menu.

7.3.3. Screen Description: Settlement Details



Screen 8 - Clearing and Settlement Information / Settlement Details

The fields of this screen are described below:




CLEARING AND SETTLEMENT INFORMATION		
Field Name	Description	Notes
Clearing System	Clearing System where Clearing Member participates	Receives the values: <ul style="list-style-type: none"> • "CENS" for DAM & IDM Markets • "CBSE" for Balancing Market • "CGAS" for NGasTP
SSC	EMCS Settlement System Code	Receives values: <ul style="list-style-type: none"> • "1000" for DAM & IDM Markets • "1100" for Balancing Market • "1600" for NGasTP
Clearing Date	Clearing Date	DD/MM/YYYY
Settlement Date	Settlement Date	DD/MM/YYYY

CLEARING AND SETTLEMENT INFORMATION		
Field Name	Description	Notes
SETTLEMENT DETAILS		
Field Name	Description	Notes
Settlement Date	Settlement Date	Given by EMCS
Member	Clearing Member Code and Description	Given by EMCS
Clr.System	Clearing System where Clearing Member participates	Receives the values: <ul style="list-style-type: none"> • “CENS” for DAM & IDM Markets • “CBSE” for Balancing Market • “CGAS” for NGasTP
Clr. Account	Clearing Account Code	Given by EMCS
SSC	EMCS Settlement System Code	Receives values: <ul style="list-style-type: none"> • “1000” for DAM & IDM Markets • “1100” for Balancing Market • “1600” for NGasTP
Type	Type of Debt / Credit Amount	Receives the values: <ul style="list-style-type: none"> • Pwr Settl • Pwr VAT • Pwr Clr Fees • Pwr Trading Fees
Initial Debit	Initial Calculated Payable Cash Settlement Amount	Given by EMCS
Debit	Current Pending Cash Settlement Obligation	Receives the zero value, after the Clearing Member’s obligations fulfilment
Initial Credit	Initial Calculated Receivable Cash Settlement Amount	Given by EMCS
Credit	Current Pending Cash Settlement Requirement	Receives the zero value, after the Clearing Member’s requirements fulfilment

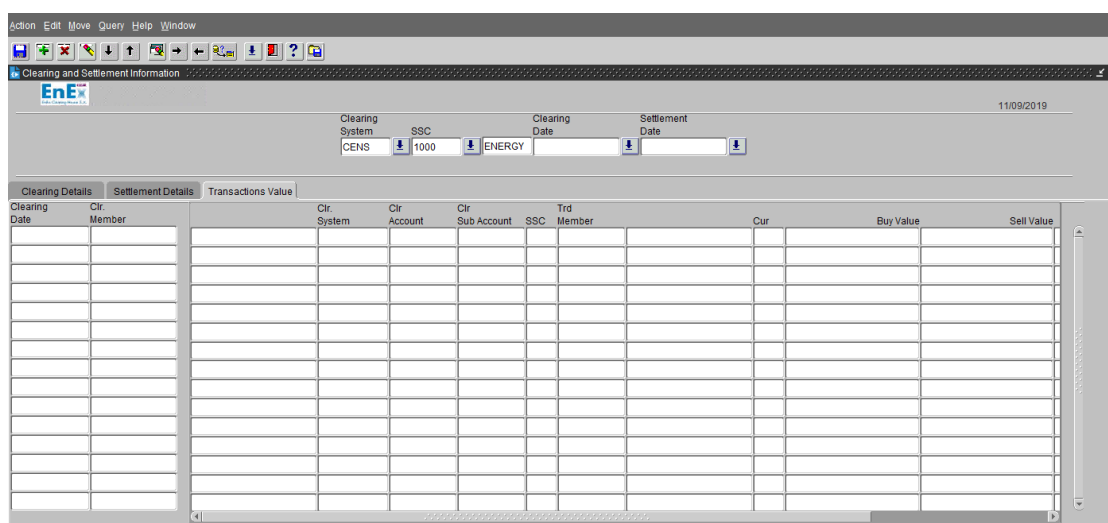
Table 4 – Settlement Details

7.3.4. Screen Operation: Settlement Details

The user of Clearing Member performs the following actions to monitor its obligations / requirements per Settlement Date:

1. Selects the Form [Settlement Details]
2. Fills in the field “Settlement Date” and selects  “Execute Query” button or (F8). The rest of values are displayed on this screen, based on these criteria.
3. Selects the button  “Save data to file”, to extract data from this screen to a file.
4. Selects the  Exit button to return to the initial EMCS Client Menu.

7.3.5. Screen Description: Transactions Value



Screen 9 - Clearing and Settlement Information / Transactions Value

The fields of this screen are described below:

CLEARING AND SETTLEMENT INFORMATION		
Field Name	Description	Notes
Clearing System	Clearing System where Clearing Member participates	Receives the values: <ul style="list-style-type: none"> • "CENS" for DAM & IDM Markets • "CBSE" for Balancing Market • "CGAS" for NGasTP
SSC	EMCS Settlement System Code	Receives values: <ul style="list-style-type: none"> • "1000" for DAM & IDM Markets • "1100" for Balancing Market • "1600" for NGasTP
Clearing Date	Clearing Date	DD/MM/YYYY
Settlement Date	Settlement Date	DD/MM/YYYY
TRANSACTIONS VALUE		
Field Name	Description	Notes
Clearing Date	Clearing Date	Given by EMCS
Clr. Member	Clearing Member Code and Description	Given by EMCS
Clr. System	Clearing System where Clearing Member participates	Receives the values: <ul style="list-style-type: none"> • "CENS" for DAM & IDM Markets • "CBSE" for Balancing Market • "CGAS" for NGasTP
Clr. Account	Clearing Account Code	Given by EMCS
Clr. Sub Account	Clearing SubAccount Code	Given by EMCS
SSC	EMCS Settlement System Code	Receives values:

CLEARING AND SETTLEMENT INFORMATION		
Field Name	Description	Notes
		<ul style="list-style-type: none"> • “1000” for DAM & IDM Markets • “1100” for Balancing Market • “1600” NGasTP
Trd Member	Trading Member Code and Description in EMCS	Given by EMCS
Cur	Currency	Given by EMCS
Buy Value	Buy Value Amount	Given by EMCS
Sell Value	Sell Value Amount	Given by EMCS
Sell VAT	Sell VAT Amount	Given by EMCS
Buy VAT	Buy VAT Amount	Given by EMCS

Table 5 – Transactions Value

7.3.6. Screen Operation: Transactions Value

The user of Clearing Member performs the following actions to monitor the Settlement / VAT Amounts calculated per Clearing Account, Participant and Clearing Date:

1. Selects the Form [Transactions Value]

2. Fills in the field “Clearing Date” and selects  “Execute Query” button and (F8). The rest of values are displayed on this screen, based on these criteria.

3. Selects the button  “Save data to file”, to extract data from this screen to a file.

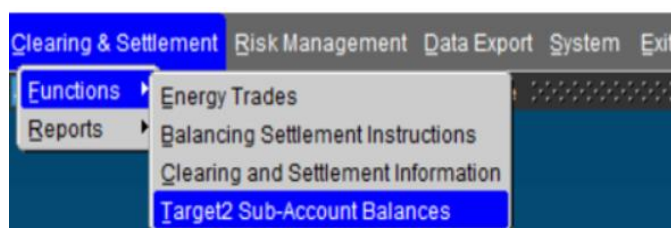
4. Selects the  Exit button to return to the initial EMCS Client Menu.

7.4. Screen: [Target2 Sub-Account Balances]

This screen helps the user of Clearing Member to **monitor its Target2 (T2) Cash Settlement Sub-Accounts balance**:

- a) At the beginning of the Target-2 Settlement Cycle and
- b) At the end of the Target-2 Settlement Cycle along with the debits or credits, in the EnExClear Ancillary System per Target-2 Settlement Cycle.

It should be mentioned that the TARGET2 Cash Settlement Sub-Account credits, performed by the Settlement Bank during an active T2 Settlement Cycle, are visible on the next T2 Settlement Cycle.



7.4.1. Screen Description: Target2 Sub-Account Balances

The user enters the EMCS Menu: **“Clearing & Settlement/Functions/Target2 Sub-Account Balances”**:

Screen 10 - Target2 Sub-Account Balances

The fields of this screen are described below:


TARGET2 SUB-ACCOUNT BALANCES		
Field Name	Description	Notes
STL Date	Settlement Date	DD/MM/YYYY
S/N	Increasing Cycle Number	Given by EMCS
IBAN	SubAccount IBAN	Displayed by EMCS
Start of Cycle	T2 Cash Settlement Account Balance, at the Start of the T2 Settlement Cycle	Displayed by EMCS
Credit	Credit Amount	Displayed by EMCS
Debit	Debit Amount	Displayed by EMCS
End of Cycle	T2 Cash Settlement Account Balance, at the End of the T2 Settlement Cycle	Displayed by EMCS
Ref.Num Cycle	EMCS Internal Cycle Numbering	Displayed by EMCS
Start Time	T2 Settlement Cycle's Start Time	Displayed by EMCS
End Time	T2 Settlement Cycle's End Time	Displayed by EMCS
Type of Sub-Account	Type of T2 Cash Settlement Account	Receives the values: <ul style="list-style-type: none"> • “Energy” for DAM & IDM Markets • “Balancing” for Balancing Market • “Natural Gas” for NGasTP
Clearing Member	EMCS Clearing Member Code	Displayed by EMCS
Bank	Settlement Bank	Displayed by EMCS

Table 6 - Target2 Sub-Account Balances

7.4.2. Screen Operation: Target2 Sub-Account Balances

The user of Clearing Member performs the following actions:

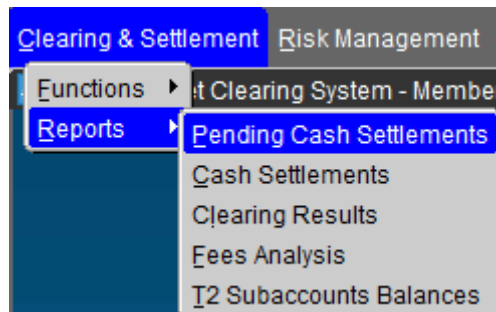
1. Fills in the fields “STL Date” and/or “Type of Sub-Account”.

2. Selects the  “Execute Query” or the button (F8): The rest of values are displayed on this screen.

3. Selects the  Exit button to return to the initial EMCS Client Menu.

7.5. Report: [Pending Cash Settlements]

This report of Pending Cash Settlements facilitates the user of Clearing Member to monitor the fulfilment of its Cash Settlement obligations / requirements, as well as fees and taxes for a specific Settlement Date. After the fulfilment of Clearing Member’s obligations / requirements, the amounts of Pending Cash Settlements become zero.



7.5.1. Report Description: Pending Cash Settlements


The user enters the EMCS Menu: “Clearing & Settlement / Reports / Pending Cash Settlements:

Clearing & Settlement Risk Management Data Export System Management Reference Data About Exit

Report: Pending Cash Settlements (eceda) 05/07/2019


Output Parameters


Type:

Output to: File: 

User Parameters

Comment

Clearing System: 

Settlement Date: 

Clearing Account:

Screen 11 - Pending Cash Settlements

The fields of this screen are described below:

PENDING CASH SETTLEMENTS		
OUTPUT PARAMETERS		
Field Name	Description	Notes
Type	Where and how report is displayed	Selected from the following list: «Preview» or «File» - on screen display «Preview» is field's default choice
Output to	Where and how output is displayed	Selected from the following list: «PDF» or «HTML» or «RTF» or «DELIMITED» Default choice is «PDF»
File	Filename and Path where data saved instead of printout	Selected from the user
USER PARAMETERS		
Field Name	Description	Notes
Comment		Given by EMCS
Clearing System	Clearing System where Clearing Member participates	Selected from a list of values. Receives the values: <ul style="list-style-type: none"> • "CENS" for DAM & IDM Markets

PENDING CASH SETTLEMENTS		
		<ul style="list-style-type: none"> • “CBSE” for Balancing Market • “CGAS” for NGasTP
Settlement Date	The Specific Settlement Date	DD/MM/YYYY
Clearing Account	Clearing Account Code	Selected from the list of values Or % to display results for all Clearing Accounts

Table 7 – Report of Pending Cash Settlements

7.5.2. Report Operation: Pending Cash Settlements

The user of Clearing Member performs the following actions to have a view of its Pending Cash Settlements for a specific Settlement Date:

1. Fills in the field “Settlement Date”.
2. Optionally, selects a different of the default “PDF” choice of the field “Output Parameters”.
3. Selects the button [Run Report]: A print window is displayed that includes the Pending Cash Settlement Amounts of Clearing Member.



4. Selects the Exit button to end this session and return to the initial EMCS Client Menu.

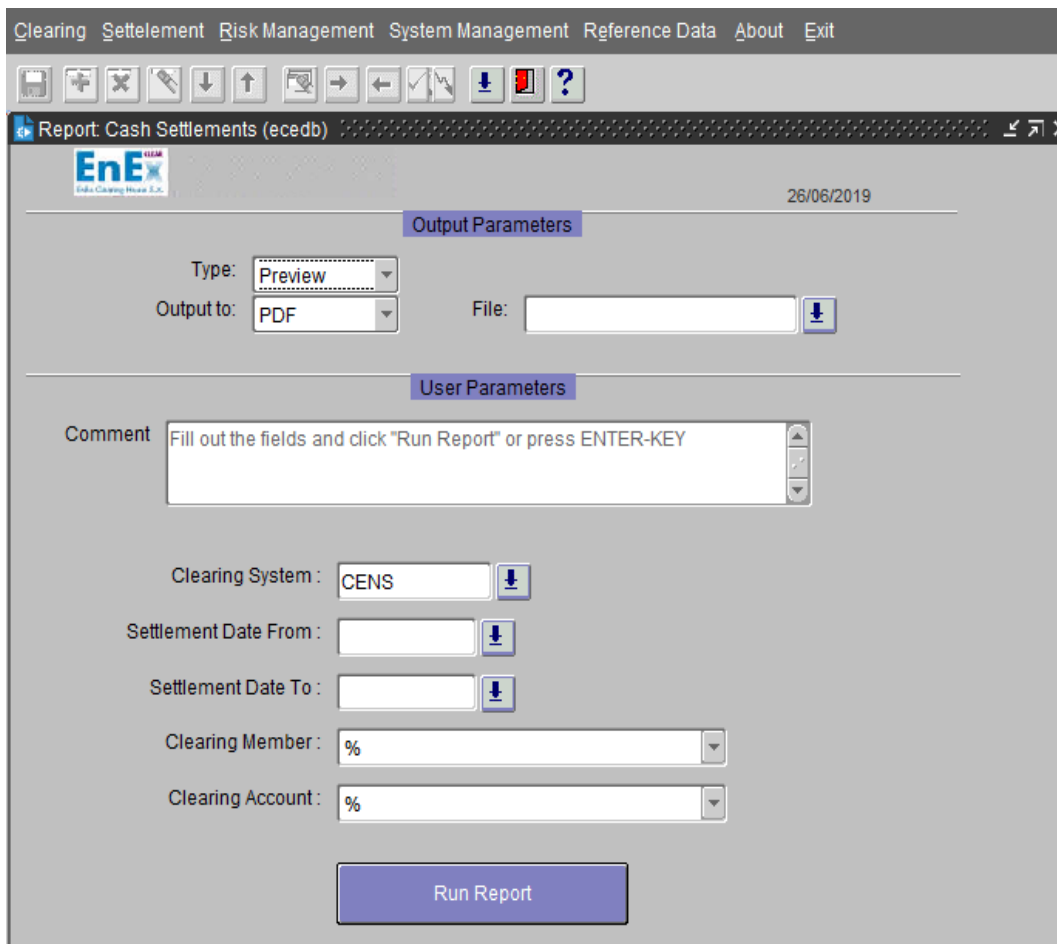
7.6. Report: [Cash Settlements]

This report of Cash Settlements assists the user of Clearing Member to have a view of its Cash Settlement obligations / requirements for a specific Settlement Date or a range of Settlement Dates as well as fees and taxes. The report of Cash Settlements can be retrieved for the current or any previous Settlement. The report includes the Initial Calculated Cash Settlements Amounts for a specific or a range of Settlement Dates.

7.6.1. Report Description: Cash Settlements

The user enters the EMCS Menu: “**Clearing & Settlement / Reports / Cash Settlements**”.

The following screen is displayed:



Screen 11 - Cash Settlements

The fields of this screen are described below:


CASH SETTLEMENTS		
OUTPUT PARAMETERS		
Field Name	Description	Notes
Type	Where and how report is displayed	Selected from the following list: «Preview» or «File» - on screen display «Preview» is field's default choice
Output to	Where and how output is displayed	Selected from the following list: «PDF» or «HTML» or «RTF» or «DELIMITED» Default choice is «PDF»
File	Filename and Path where data saved instead of printout	Selected from the user
USER PARAMETERS		
Field Name	Description	Notes

CASH SETTLEMENTS		
Comment		Given by EMCS
Clearing System	Clearing System where Clearing Member participates	Selected from a list of values. Receives the values: <ul style="list-style-type: none"> • "CENS" for DAM & IDM Markets • "CBSE" for Balancing Market • "CGAS" for NGasTP
Settlement Date From	Settlement Date Start	DD/MM/YYYY
Settlement Date To	Settlement Date End	DD/MM/YYYY
Clearing Member	Clearing Member Code	Clearing Member Code in the Clearing System
Clearing Account	Clearing Account Code	Selected from the list of values Or % to display all Clearing Member's Clearing Accounts

Table 8 – Report of Cash Settlements

7.6.2. Report Operation: Cash Settlements

The user of Clearing Member performs the following actions to have a view of its Cash Settlements for a specific Settlement Date and also Fees and Taxes:

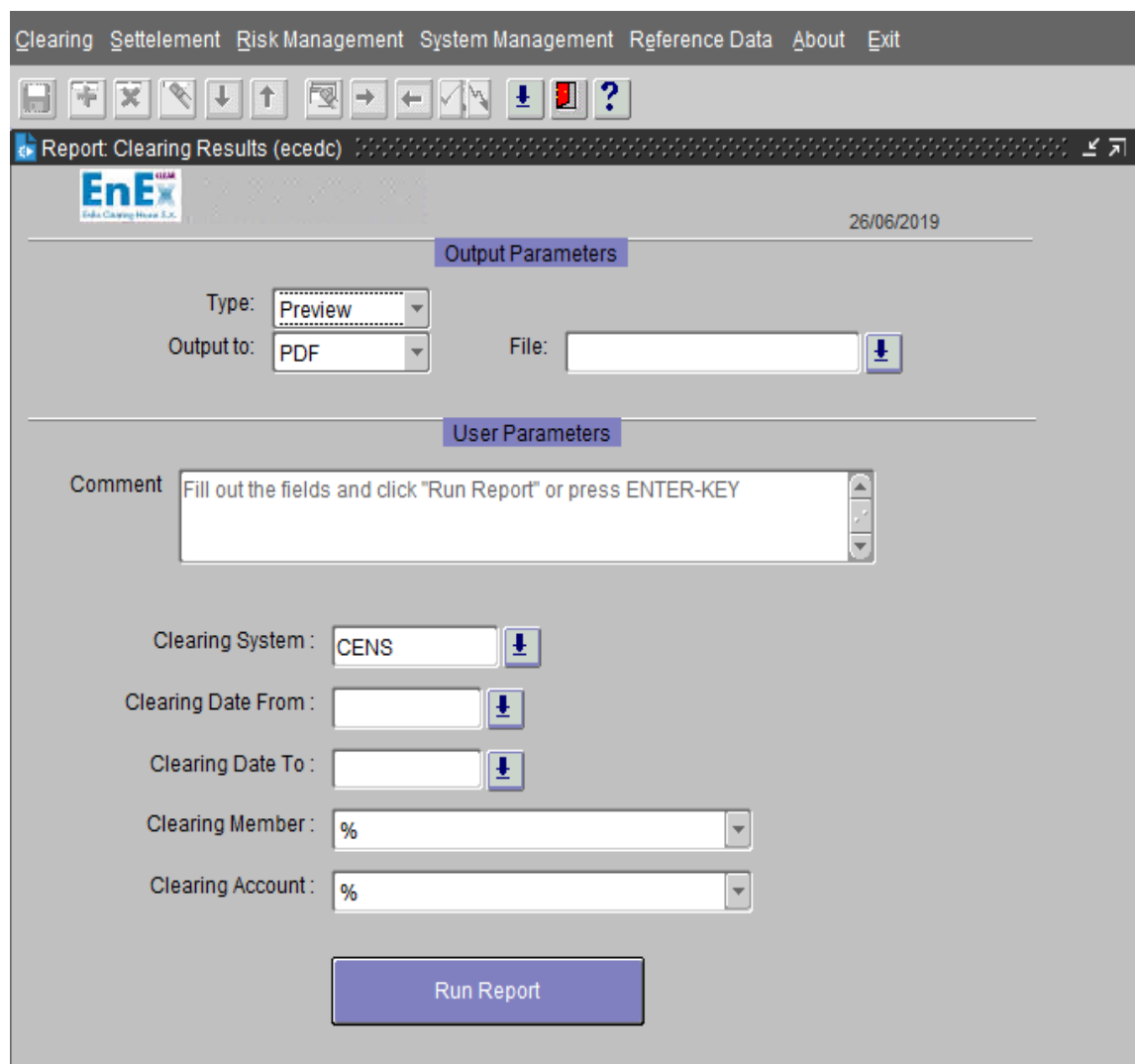
1. Fills in the fields **"Settlement Date From"**, **"Settlement Date To"**, and/or **"Clearing Member"** and/or **"Clearing Account"**.
2. Optionally, selects a different of the default **"PDF"** choice of the field **"Output Parameters"**.
3. Selects the button **[Run Report]**: A print window is displayed that includes the Cash Obligations / Requirements of a Clearing Member for a range of Settlement Dates.
4. Selects the Exit button  to end this session and return to the initial EMCS Client Menu.

7.7. Report: [Clearing Results]

This report of Clearing Results helps the user of Clearing Member to have a view of its Cash Settlement obligations / requirements for a specific or a range of Clearing Dates as well as fees and taxes.

7.7.1. Report Description: Clearing Results

The user enters the EMCS Menu: **"Clearing & Settlement / Reports / Clearing Results"**. The following screen is displayed:




Clearing Settlement Risk Management System Management Reference Data About Exit

Report: Clearing Results (ecdc)

26/06/2019


Output Parameters


Type:


Output to: File: 

User Parameters

Comment

Clearing System: 

Clearing Date From: 

Clearing Date To: 

Clearing Member:

Clearing Account:

Run Report

Screen 13 - Clearing Results

The fields of the screen are described below:


CLEARING RESULTS		
OUTPUT PARAMETERS		
Field Name	Description	Notes
Type	Where and how report is displayed	Selected from the following list: «Preview» or «File» - on screen display «Preview» is field's default choice
Output to	Where and how output is displayed	Selected from the following list: «PDF» or «HTML» or «RTF» or «DELIMITED» Default choice is «PDF»
File	Filename and path where data saved instead of printout	Selected from the user
USER PARAMETERS		
Field Name	Description	Notes
Comment		Given by EMCS

CLEARING RESULTS		
Clearing System	Clearing System where Clearing Member participates	Selected from a list of values. Receives the values: <ul style="list-style-type: none"> • “CENS” for DAM & IDM Markets • “CBSE” for Balancing Market • “CGAS” for NGasTP
Clearing Date From	Clearing Date Start	DD/MM/YYYY
Clearing Date To	Clearing Date End	DD/MM/YYYY
Clearing Member	Clearing Member Code	Clearing Member Code in the Clearing System
Clearing Account	Clearing Account Code	Selected from the list of values Or % to display all Clearing Member’s Clearing Accounts

Table 9 – Report of Clearing Results

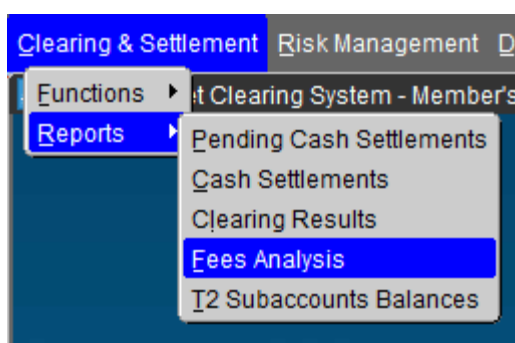
7.7.2. Report Operation: Clearing Results

The user of Clearing Member performs the following actions to have a view of its Cash Settlement obligations / requirements for a specific and / or a range Clearing Dates as well as fees and taxes:

1. Fills in the fields “**Clearing Date From**”, “**Clearing Date To**”, and / or “**Clearing Member**” or and “**Clearing Account**”. 2. Optionally, selects a different of the default “**PDF**” choice of the field “**Output Parameters**”.
3. Selects the button [Run Report]: A **print window is displayed that includes the Cash Settlement Amounts of the Clearing Member**.
4. Selects the Exit button  to end this session and return to the initial EMCS Client Menu.

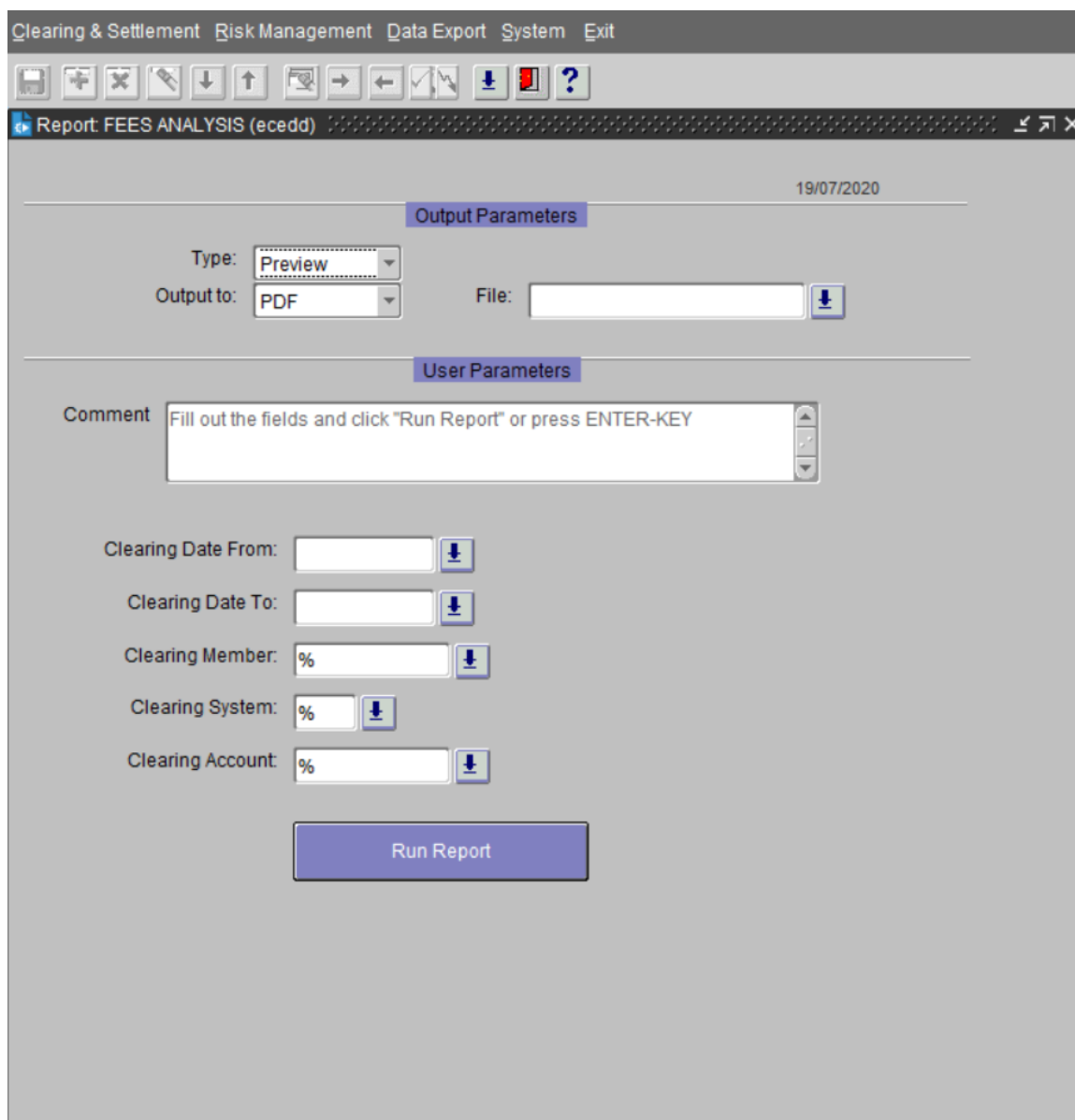
7.8. Report: [Fees Analysis]

This report of **Fees Analysis** facilitates the user of Clearing Member to have a view of its Fees obligations for a specific Clearing Date or a range of Clearing Dates. The report of Fees Analysis can be retrieved for the current or any previous Clearing Dates.



7.8.1. Report Description: Fees Analysis

The user enters the EMCS Menu: “**Clearing & Settlement / Reports / Fees Analysis**”:



Screen 14 – Fees Analysis

The fields of this screen are described below:


FEES ANALYSIS		
OUTPUT PARAMETERS		
Field Name	Description	Notes
Type	Where and how report is displayed	Selected from the following list: «Preview» or «File» - on screen display «Preview» is field's default choice
Output to	Where and how output is displayed	Selected from the following list: «PDF» or «HTML» or «RTF» or «DELIMITED» Default choice is «PDF»

FEES ANALYSIS		
File	Filename and Path where data saved instead of printout	Selected from the user
USER PARAMETERS		
Field Name	Description	Notes
Clearing Date From	The Clearing Date Start	DD/MM/YYYY
Clearing Date To	The Clearing Date End	DD/MM/YYYY
Clearing Member	Clearing Member Code	The Clearing Member's EMCS Code is Selected
Clearing System	Clearing System where Clearing Member participates	Selected from a list of values. Receives the values: <ul style="list-style-type: none"> • "CENS" for DAM & IDM Markets • "CBSE" for Balancing Market • "CGAS" for NGasTP "%" for all Markets
Clearing Account	Clearing Account Code	Selected from the list of values the Clearing Account Code and Description

Table 10 – Report of Fees Analysis

7.8.2. Report Operation: Fees Analysis

The user of Clearing Member performs the following actions to have a view of its Fees Obligations for a specific Clearing Date or a range of Clearing Dates:

1. **Fills in the fields "Clearing Date From", "Clearing Date To", "Clearing System" and/or "Clearing Member".** For specific Clearing Account the field **Clearing Account** is also filled from the list of values.
2. Optionally, selects a different of the default **"PDF"** choice of the field **"Output Parameters"**.
3. **Selects the button [Run Report]: A print window is displayed that includes the Fees Obligations of a Clearing Member for a range of Clearing Dates.**
4. Selects the Exit button  to end this session and return to the initial EMCS Client Menu.

7.9. Report: [T2 Subaccounts Balances]

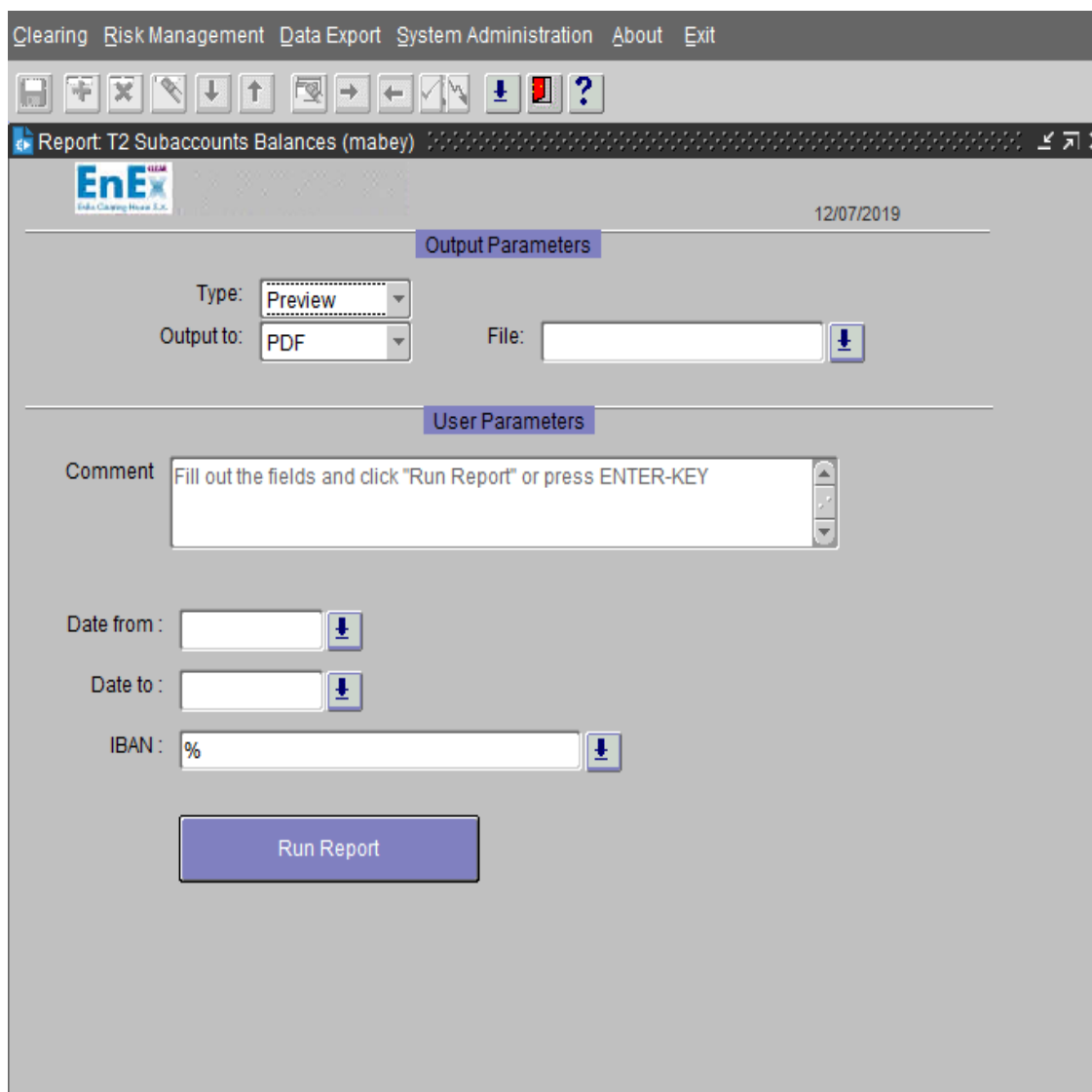
This report assists a user of a Clearing Member to monitor its TARGET2 Cash Settlement Account Balance:

- a) At the beginning of the Target-2 Settlement Cycle and
- b) At the end of the Target-2 Settlement Cycle along with the debits or credits, in the EnExClear Ancillary System per Target-2 Settlement Cycle.

It should be mentioned that the TARGET2 Cash Settlement Account credits, performed by the Settlement Bank during an active T2 Settlement Cycle, are visible on the next T2 Settlement Cycle.

7.9.1 Report Description: T2 Subaccounts Balances

The user enters the EMCS Menu: **"Clearing & Settlement / Reports / T2 Subaccounts Balances"**:




Report: T2 Subaccounts Balances (mabey)

12/07/2019


Output Parameters


Type:


Output to: File: 

User Parameters

Comment:

Date from: 

Date to: 

IBAN: 

Screen 15 - T2 Subaccounts Balances

The fields of this screen are described below:


T2 SUBACCOUNTS BALANCES		
OUTPUT PARAMETERS		
Field Name	Description	Notes
Type	Where and how report is displayed	Selected from the following list: «Preview» or «File» - on screen display «Preview» is field's default choice
Output to	Where and how output is displayed	Selected from the following list: «PDF» or «HTML» or «RTF» or «DELIMITED» Default choice is «PDF»

T2 SUBACCOUNTS BALANCES		
File	Filename and path where data saved instead of printout	Selected from the user
USER PARAMETERS		
Field Name	Description	Notes
Comment		Given by EMCS
Date From	T2 Cash Account's Transactions Start Date	DD/MM/YYYY
Date to	T2 Cash Account's Transactions End Date	DD/MM/YYYY
IBAN	IBAN of the T2 Cash Settlement Account	Selects the IBAN of the T2 Cash Settlement Account

Table 11 – Report of T2 Subaccounts Balances

7.9.2. Report Operation: T2 Subaccounts Balances

The user of the Clearing Member performs the following actions:

1. Fills in the fields “**Date From**” and “**Date to**”.
2. Optionally, selects a different of the default “**PDF**” choice of the field “**Output Parameters**”.
3. Selects the button [Run Report]: A print window is displayed that includes the T2 Cash Settlement Account Balances.
4. Selects the Exit button  to end this session and return to the initial EMCS Client Menu.

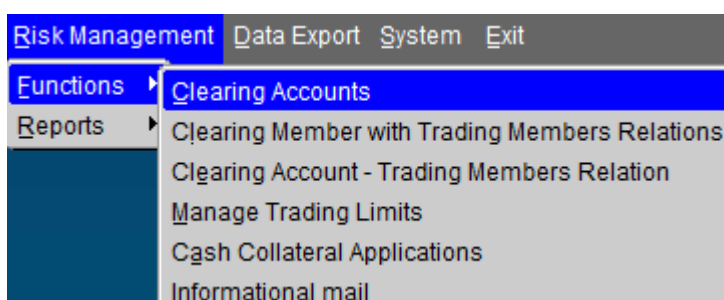
8. Menu: Risk Management

8.1. Screen: [Clearing Accounts]

This screen assists the user of the Clearing Member only to monitor its Clearing Account's details created by EnExClear for:

- Its Own Clearing Accounts, in case that the Clearing Member is a Participant of HEnEx or IPTO or
- The Participant's Clearing Accounts, in case of the Participant is a NoN Clearing Member and cooperates with a General Clearing Member.

For each Clearing Account, a unique Clearing Sub Account is created by EnExClear.



8.1.1. Screen Description: Clearing Accounts

The user enters the EMCS Menu: “Risk Management/Functions/Clearing Accounts”:

 A screenshot of the 'Clearing Accounts' screen. The window title is 'Clearing Accounts' and the date '19/07/2020' is displayed. The screen is divided into two main sections. The top section, titled 'Clearing Accounts', contains several input fields: Code, Abbreviation, Description, Clearing System (with a download icon), Clearing Member (with a download icon), Type (dropdown menu showing 'OWN'), Calculation Type (dropdown menu showing 'Not Applicable'), Activation Date, Deactivation Date, and Comments. There is also an 'Extra Fields' button. The bottom section, titled 'Clearing Sub-Accounts', contains a table with columns: Code, Description, Abbreviation, Percentage, Activation, and Deactivation. The table has five rows, all of which are currently empty.

Screen 16 - Clearing Accounts

The fields of this screen are described below:




CLEARING ACCOUNTS		
Field Name	Description	Notes
Code	Clearing Account Code	Attributed by EnExClear

CLEARING ACCOUNTS		
Field Name	Description	Notes
Abbreviation	Clearing Account Abbreviation	Given by EMCS
Description	Clearing Account Description	Given by EMCS
Clearing System	Clearing System where Clearing Member participates	Selected from a list of values. Receives the values: <ul style="list-style-type: none">• “CENS” for DAM & IDM Markets• “CBSE” for Balancing Market• “CGAS” for NGasTP Or left blanc
Clearing Member	Clearing Member Code and Name	Filled in from the user
Type	“Own Clearing Account” or “Participant’s Clearing Account”	Receives the values: <ul style="list-style-type: none">• OWN• Client
Account	Not applied to HEnEX/IPTO Markets	
Calculation Type	Not applied to HEnEX/IPTO Markets	
Activation Date	Activation Date of Clearing Account	Given by EMCS
Deactivation Date	Deactivation Date of Clearing Account	Given by EMCS
Comments	Notes for this specific registration	Given by EMCS
Extra Fields	Parametrized only by EnExClear	
CLEARING SUB – ACCOUNTS		
Field Name	Description	Notes
Code	Clearing SubAccount Code	Given by EMCS
Description	Clearing SubAccount Description	Given by EMCS
Abbreviation	Clearing SubAccount Abbreviation	Given by EMCS
Percentage	Default “100” Percentage of Credit Limit allocated by EnExClear for the specific Clearing SubAccount	Given by EMCS
Activation	Clearing SubAccount’s Activation Date	Given by EMCS
Deactivation	Clearing SubAccount’s Deactivation Date	Given by EMCS

Table 12– Clearing Accounts

8.1.2. Screen Operation: Clearing Accounts

The user performs the following actions to **have a view of its Clearing Accounts / SubAccounts**:

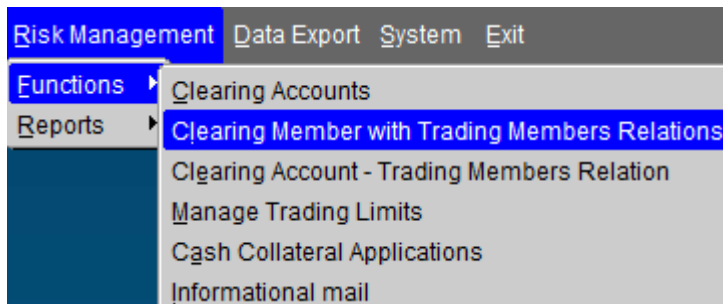
1. Selects the button  «Start Query» or (F7), fills in the field “Clearing System” and “Clearing Member” and then selects «Execute Query” » or (F8) to view its Clearing Accounts/ SubAccounts.
2. Or Selects the buttons Start Query» or (F7) and (F8) without filling in the fields, to view its Clearing Accounts/ SubAccounts.
3. Selects the  Exit button to return to the initial EMCS Client Menu.

8.2. Screen: [Clearing Member with Trading Members Relations]

This screen shows the:

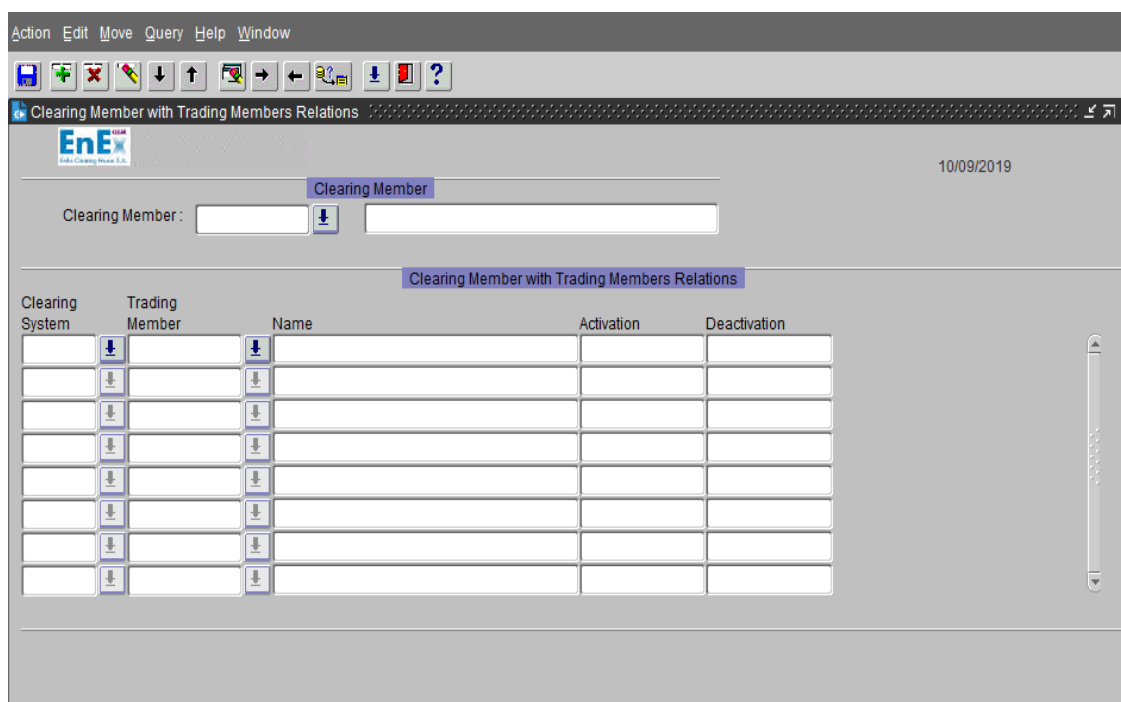
- Relation between the Direct Clearing Member and the Participant of HEnEx or IPTO (itself)
- Relation between the General Clearing Member and the Participants that it provides Clearing Services.

The Activation / Deactivation is performed by EnExClear, after Clearing Member's application.



8.2.1. Screen Description: Clearing Member with Trading Members Relations

The user enters the EMCS Menu: "Risk Management/Functions/Clearing Member with Trading Members Relations":



Screen 17- Clearing Member with Trading Members Relations

The fields of this screen are described below:




CLEARING MEMBER WITH TRADING MEMBERS RELATIONS		
Field Name	Description	Notes
Clearing Member	Clearing Member	Given by EMCS
CLEARING MEMBER WITH TRADING MEMBERS RELATIONS		

CLEARING MEMBER WITH TRADING MEMBERS RELATIONS		
Field Name	Description	Notes
Clearing System	Clearing System where Clearing Member participates	Receives the values: <ul style="list-style-type: none"> • “CENS” for DAM & IDM Markets • “CBSE” for Balancing Market • “CGAS” for NGasTP
Trading Member	Trading Member’s Code in EMCS	Trading Member’s Code and Name are displayed
Name	Trading Member Name	Given by EMCS
Activation	Relation’s Activation Date	Given by EMCS
Deactivation	Relation’s Deactivation Date	Given by EMCS

Table 13 – Clearing Member with Trading Members Relations

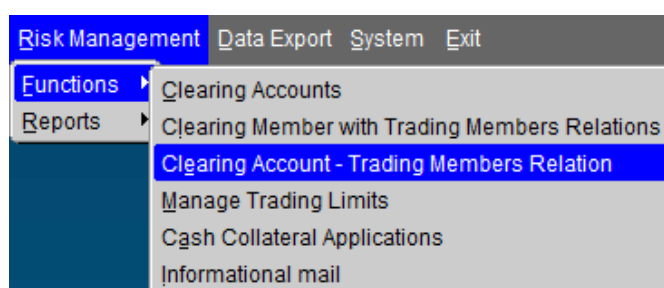
8.2.2. Screen Operation: Clearing Member with Trading Members Relations

The user performs the following actions to monitor its relation of Clearing Member with Trading Member:

1. Selects the buttons  «Start Query» or (F7) and then selects  «Execute Query» or (F8) to view the relations with Trading Members.
2. Selects the  Exit button to return to the initial EMCS Client Menu.

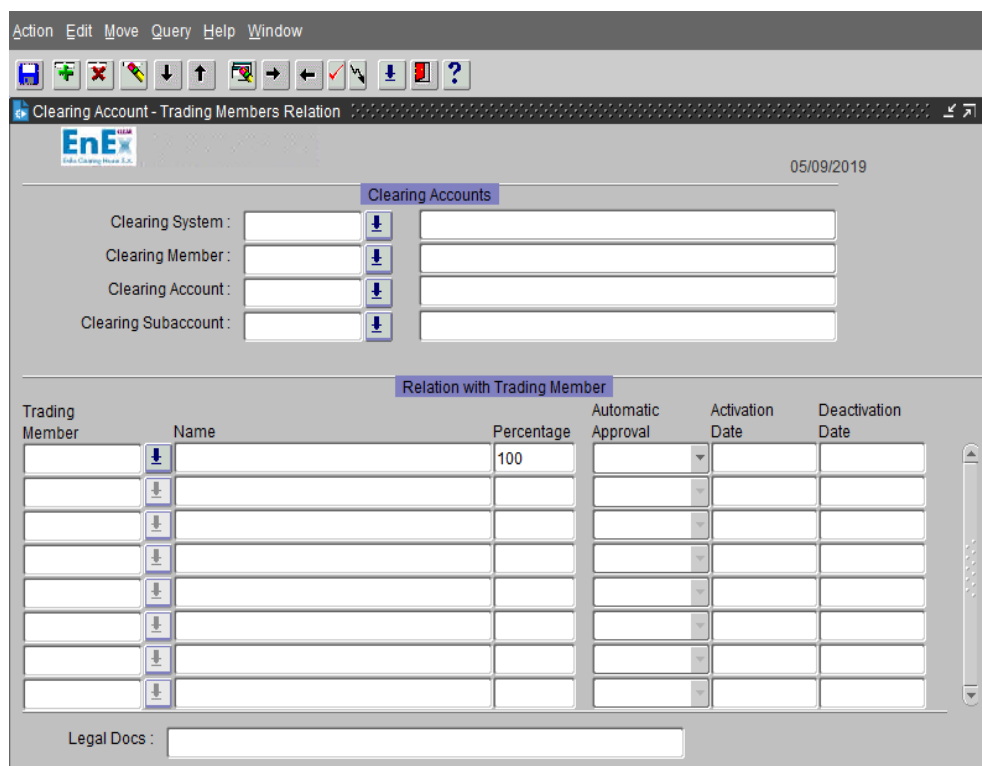
8.3. Screen: [Clearing Account - Trading Members Relation]

Using this screen, the user of a Clearing Member can modify the prefixed percentage allocation of the available Clearing Account’s credit limit for CENS Clearing System. The initial submission is performed by EnExClear with the default value of «100».



8.3.1. Screen Description: Clearing Account - Trading Members Relation

The user enters the EMCS Menu: “Risk Management / Functions / Clearing Account - Trading Members Relation”:



Screen 18 - Clearing Account - Trading Members Relation

The fields of this screen are described below:

CLEARING ACCOUNT - TRADING MEMBERS RELATION		
Field Name	Description	Notes
Clearing System	Clearing System where Clearing Member participates	Selected from a list of values. Receives the values: <ul style="list-style-type: none"> • “CENS” for DAM & IDM Markets • “CGAS” for NGasTP
Clearing Member	Clearing Member’s Code and Description	Filled in from the user
Clearing Account	Clearing Account’s Code and Description	Selected from the list of values Only the Clearing Member’s Clearing Accounts are displayed
Clearing Subaccount	Clearing Sub Account Code and Description	Selected from the list of values Only the Clearing Member’s Clearing Sub Accounts are displayed
RELATIONS WITH TRADING MEMBERS		
Trading Member	Trading Member’s Code and Description in EMCS	Displayed By EMCS
Name	Trading Member’s Name	Displayed By EMCS
Percentage	Credit Limit Percentage of “100” initially attributed by EnExClear for the Clearing System “CENS”. The Clearing Member can change this percentage	The value “100”: is attributed by EnExClear.



CLEARING ACCOUNT - TRADING MEMBERS RELATION		
Field Name	Description	Notes
Automatic Approval	Initial Submission "Auto" for Clearing System "CENS" performed by EnExClear. The Clearing Member can change this choice to "Manual".	The default Value of "Auto" is displayed
Activation Date	Trading Member – Sub Account Relation Activation Date	Displayed By EMCS
Deactivation Date	Trading Member – Sub Account Relation Deactivation Date	Performed only by EnExClear
Legal Docs	Legal document for this specific registration	Displayed By EMCS


Table 14 – Clearing Account / Trading Members Relation

8.3.2. Screen Operation: Clearing Account - Trading Members Relation

VIEW OF THE CLEARING ACCOUNT – TRADING MEMBERS RELATION





The user of Clearing Member performs the following actions to have a view of its Clearing Member's relation with Clearing Account / Subaccount and Trading Member:

1. Selects the buttons  «Start Query» or (F7), fills in the field "Clearing Member" and or/ "Clearing Account" and/or "Clearing Subaccount" then selects  «Execute Query» or (F8).
2. The values of the below fields are displayed:
 - Clearing System
 - Clearing Member
 - Clearing Account
 - Clearing Subaccount
 - Trading Member
 - Trading Member's Name
 - Percentage
 - Automatic Approval and
 - Activation Date

3. Selects the  Exit button to return to the initial EMCS Client Menu.

MODIFICATION OF PERCENTAGE ALLOCATION OF CLEARING ACCOUNT'S CREDIT LIMIT

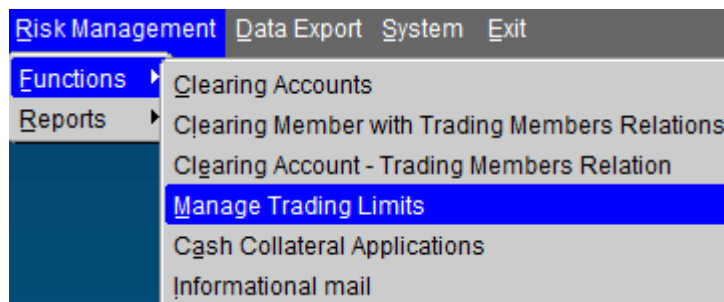
The user performs the following actions to modify the percentage allocation of its available Clearing Account's Credit Limit. Please note that, this modification will be active in EMCS only after the relevant actions by EnExClear, so user should communicate to EnExClear after ad hoc modifications during the day

1. Selects the buttons  «Start Query» or (F7), fills in the field “Clearing Member” and then selects  «Execute Query » or (F8).
2. The values of the below fields are displayed:
 - Clearing System
 - Clearing Member
 - Clearing Account
 - Clearing Subaccount
 - Trading Member’s Name
 - Name
 - Percentage
 - Automatic Approval and
 - Activation Date
3. Modifies the percentage in the field “Percentage”.
4. Selects the button  « Save changes» or press (F10): The following message is displayed “FRM-40400: Transaction completed”.
5. Selects the  Exit button to return to the initial EMCS Client Menu.

8.4. Screen: [Manage Trading Limits]

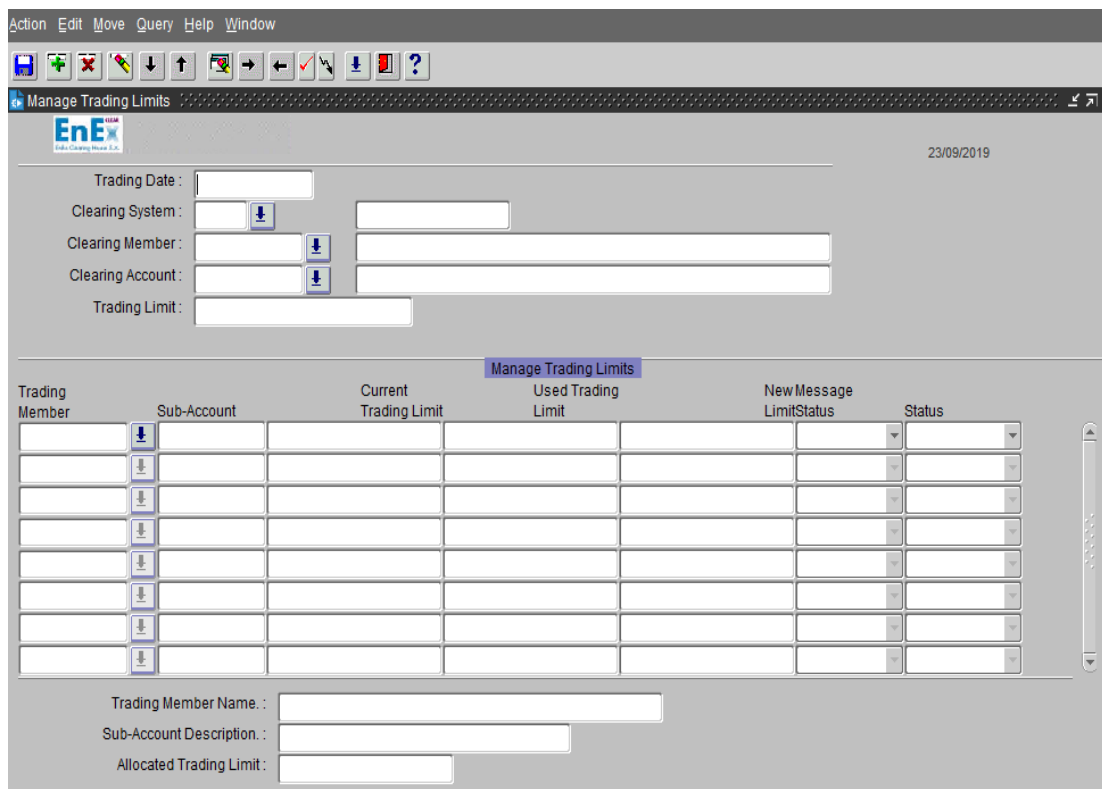
This screen assists the user of the Clearing Member to have a view of the Allocated and Used Credit Limit of a specific Clearing Account for the Clearing System “CENS” or “CGAS” . This screen also can be used to modify the current credit limit of a Clearing Account / Clearing Subaccount.

More specifically a Clearing Member may increase the credit limit assigned to a Clearing Subaccount as many times as needed on the same day. In case of an increase of credit limit, Trading System always accepts this modification only if the new limit is lower or equal to the Trading Limit. The decrease of credit limit assigned to a Clearing Subaccount is accepted, only if the new decreased credit limit is greater or equal than the Used Credit Limit for the specific Clearing Subaccount.



8.4.1. Screen Description: Manage Trading Limits

The user enters the EMCS Menu: “Risk Management/Functions/Manage Trading Limits”:



Screen 19 - Manage Trading Limits

The fields of this screen are described below:






MANAGE TRADING LIMITS		
Field Name	Description	Notes
Trading Date	Current Date	Current trading date or next date if Final Risk Calculation has been executed by EnExClear for next day. Displayed by EMCS.
Clearing System	Clearing System where Clearing Member participates	Selected from the list of values Receives the values: <ul style="list-style-type: none"> “CENS” for DAM & IDM Markets “CGAS” for NGasTP
Clearing Member	Clearing Member Code and Name	Selected from the list of values
Clearing Account	Clearing Account Code and Description	Selected from the list of values
Trading Limit	Credit limit of Clearing Account	Displayed by EMCS
Trading Member	EMCS Code of Trading Member	Selected from the list, where Trading Members are displayed
Sub-Account	Clearing Subaccount Code	Displayed by EMCS
Current Trading Limit	Credit Limit attributed by Clearing Member to Trading Member	Displayed by EMCS
Used Trading Limit	Consumed Credit Limit	Displayed by EMCS
New Limit	Modified Credit Limit by Clearing Member	Filled in from the user

MANAGE TRADING LIMITS		
Field Name	Description	Notes
Message Status	This field is filled in, after Trading System response for a credit limit modification The value “Success” means that the modification has been accepted, while the value “Reject” means that Trading System has declined the modification.	Updated by EMCS and receives the values: <ul style="list-style-type: none"> • Success • Reject If the response is success, then the Current Trading Limit takes the value of the New Limit
Status	The field is updated with the Status of message sent to Trading System. In Process , means that EMCS has sent the modification to Trading System. Confirmed , means that Trading System has received the new limit and waits for a response of Success or Reject .	Updated by EMCS and receives the values: <ul style="list-style-type: none"> • In Process • Confirmed
Trading Member Name	Trading Member Name	Displayed by EMCS
Sub-Account Description	Clearing Subaccount Description	Displayed by EMCS
Allocated Trading Limit	Credit Limit attributed to Trading Member by Clearing Member	Displayed by EMCS

Table 15 – Manage Trading Limits

8.4.2. Screen Operation: Manage Trading Limits

The Clearing Member performs the following actions **to have a view of its credit limits**:

- Selects the buttons  «Start Query » or (F7) and / or fills in the “Clearing System”, “Clearing Member”, “Clearing Account”, then selects  «Execute Query » or (F8) to view the credit limits of Clearing Accounts.
 - Clearing Account is displayed.
 - By selecting  “Go to next Record”, the next Clearing Account (if exists) displayed.
 - By selecting  “Go to previous Record” the previous Clearing Account (if exists) displayed.
 - Clearing Member may view the consumed credit limit on the screen from the relevant field (Used Trading Limit field).
 - Fills in the field “New Limit”, if Clearing Member needs to modify the current limit of the specific Clearing Account / Clearing Sub Account.
- Selects the button  «Save Changes» or press (F10): The following message is displayed **“FRM-40400: Transaction completed”**.
- Selects the button [OK].
- After the submission, EMCS sends the new Credit Limit to Trading System.

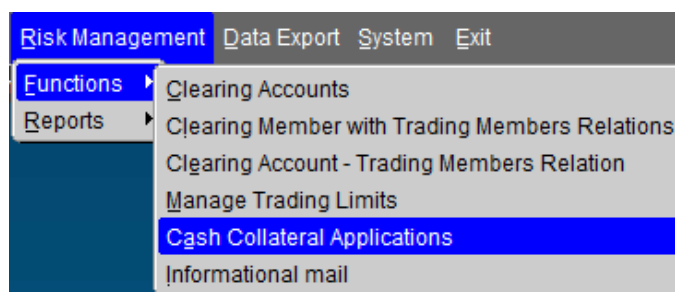
5. When the user of the Clearing Member changes the Allocated Credit Limit the field Status takes the value In Process. When Trading System receives the new credit limit, the Status field receives the value Confirmed. From the field "Message Status" the Clearing Member is informed if Trading System has accepted the credit limit's modification. If the modification has been accepted, then the Current Trading Limit changes taking the value of the new credit limit which the Clearing Member has applied.



6. Selects the  Exit button to return to the initial EMCS Client Menu.

8.5. Screen: [Cash Collateral Applications]

This screen helps the user of Clearing Member to insert a New Cash Collateral Application to EnExClear or insert an application for Return of Cash Collateral.



The Clearing Member may perform the following actions via the screen of Cash Collateral Applications:

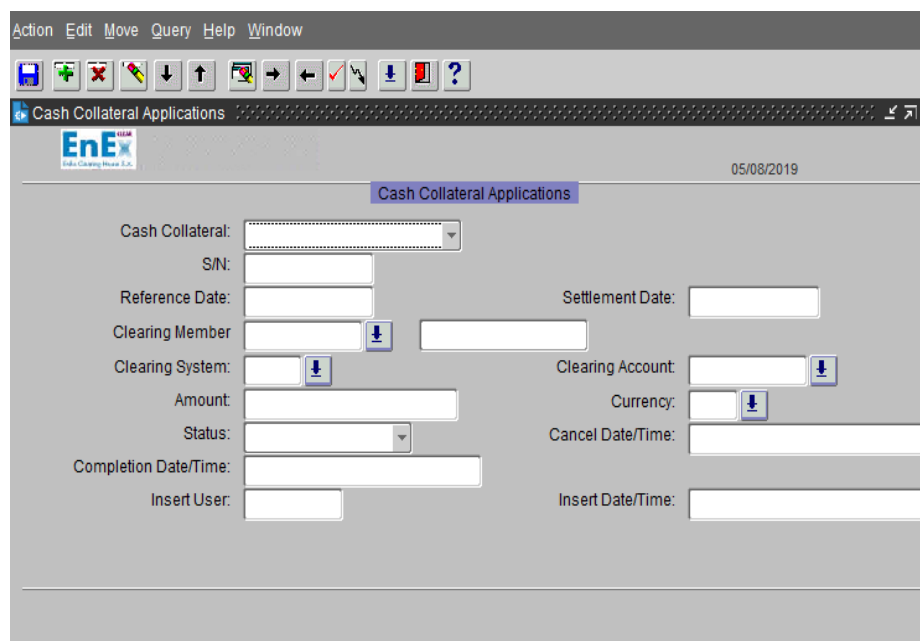
- **Application of New Cash Collateral** in currency of euro per Clearing Account and Settlement System Code (CENS) for margin requirements coverage or / and the increase of credit limit.
- **Application of New Cash Collateral** in currency of euro per Clearing Account and Settlement System Code CBSE for margin requirements coverage.
- **Application of New Cash Collateral** in currency of euro per Clearing Account and Settlement System Code CGAS for margin requirements coverage or / and the increase of credit limit.
- **Application of Cash Collateral Return** for a specific Clearing Account and Settlement System Code (CENS). The actual return of the collateral is performed the next working day following the application date.
- **Application of Cash Collateral Return** for a specific Clearing Account and Settlement System Code CBSE. The actual return of the collateral is performed the next working day following the application date.
- **Application of Cash Collateral Return** for a specific Clearing Account and Settlement System Code CGAS. The actual return of the collateral is performed 2 working days following the application date.
- **Cancellation of a Pending Application of New Cash Collateral** or for a **Pending Return Application of Cash Collateral**, not yet been accepted by EnExClear.
- **Monitoring of all applications** inserted by Clearing Member for a specific date and check their status.

The Clearing Member may insert new applications in time frame set by EnExClear each working day. To fulfil the New Cash Collateral Application, the respective cash amounts must be available in the Target2 Cash Settlement Account of the Clearing Member for the relevant Clearing System (CENS, CGAS or CBSE) and the Target2 Settlement Cycle must be open. Also, the Clearing Member may cancel Pending registered applications in time frame set by EnExClear.

EnExClear will automatically cancel all New Cash Collateral applications, for which the required cash amount was not available in the Target2 Cash Settlement Account of the Clearing Member, according to its defined time schedule.

8.5.1. Screen Description: Cash Collateral Applications

The user enters the EMCS Menu: **“Risk Management/Functions/Cash Collateral Applications”**. The following screen is displayed:



Screen 20 - Cash Collateral Applications

The fields of this screen are described below:

CASH COLLATERAL APPLICATIONS		
Field Name	Description	Notes
Cash Collateral	Cash Collateral Application Type	Selected from the list Receives the values: <ul style="list-style-type: none"> NEW (for margin requirement's coverage or/and credit limit's increase) RETURN (for collateral return)
S/N	Application Serial Number	Given by EMCS
Reference Date	Current Trading Date	Given by EMCS
Settlement Date	Application Settlement Date	Given by EMCS
Clearing Member	Clearing Member Code and Description	Filled in from the user
Clearing System	Clearing System where Clearing Member participates	Selected from a list of values. Receives the values: <ul style="list-style-type: none"> “CENS” for DAM & IDM Markets “CBSE” for Balancing Market “CGAS” for NGasTP

CASH COLLATERAL APPLICATIONS		
Field Name	Description	Notes
Clearing Account	Clearing Account Code	Selected from the Clearing Member's Clearing Accounts list.
Amount	Cash Collateral Amount Deposit for margin requirement's coverage or/ and credit limit's increase. Or Cash Collateral Amount Return (by EnExClear to Clearing Member)	Filled in from the user
Currency	Cash Collateral Currency	Filled in from the user
Status	Application Status. Selected by the list Receives the values: <ul style="list-style-type: none"> Cancelled Completed Pending Rejected NOT Completed 	Describes the Application Status: Cancelled (Cancellation by Clearing Member for a pending Application) Completed Pending (Inserted by the Clearing Member but not yet Settled by EnExClear) Rejected (Rejected by EnExClear) NOT Completed (not used)
Cancel Date/Time	Application's Cancellation Date and Time	Given by EMCS
Completion Date/Time	Application's Completion Date and Time	Given by EMCS
Insert User	The User who Inserted the Application	Given by EMCS
Insert Date/Time	Inserted Application Date and Time	Given by EMCS



Table 16 - Cash Collateral Applications

8.5.2. Screen Operation: Cash Collateral Applications

CASH COLLATERAL "NEW" APPLICATION



The Clearing Member performs the following actions in order to insert an Application for "**New**" Cash Collateral:

1. **Selects from the cash collateral list, the option "NEW".**
2. Fills in the fields:
 - Cash Collateral
 - Clearing Member
 - Clearing System
 - Clearing Account
 - Amount and
 - Currency

3. Selects the button  « **Save Changes**» or press (F10): The message displayed ***“You are about to DEPOSIT the amount of xxx,xx EUR. Would you like to continue?” [YES] [NO].***
4. If the user of the Clearing Member **disagrees**, selects the button [NO].
5. If the user of the Clearing Member **agrees**, selects the button [YES]: The message is displayed ***“FRM-40400: Transaction completed”***.
6. Selects the button [OK].
7. Selects the  Exit button to return to the initial EMCS Client Menu.



CASH COLLATERAL “RETURN” APPLICATION

The Clearing Member performs the following actions **to insert an Application for Cash Collateral “Return”**:

1. Selects from the list **“Return”**.
2. Fills in the fields:
 - Cash Collateral
 - Clearing Member
 - Clearing System
 - Clearing Account
 - Amount and
 - Currency
3. Selects the button  «**Save Changes**» or press (F10): The message is displayed ***“You are about to WITHDRAW the amount of xxx, xx EUR. Would you like to continue?” [YES] [NO].***
4. If the user of the Clearing Member **disagrees**, selects the button [NO].
5. If the user of the Clearing Member **agrees**, selects the button [YES]: The message is displayed ***“FRM-40400: Transaction completed”***.
6. Selects the button [OK].
7. Selects the  Exit button to return to the initial EMCS Menu.

MONITORING OF AN INSERTED CASH COLLATERAL APPLICATION


The Clearing Member performs the following actions **to have a view of its inserted Applications**:


1. Selects the buttons  «**Start Query**» or (F7)
2. Fills in the mandatory field **“Reference Date”** or/ and the query data and then selects the button  «**Execute Query** » or (F8): The cash collateral applications are displayed, based on these criteria.


3. Selects the  Exit button to return to the initial EMCS Menu.

CANCELATION OF A CASH COLLATERAL APPLICATION

The Clearing Member performs the following actions to **cancel a Pending Cash Collateral Application**:

1. Selects the buttons  «Start Query » or (F7),
2. Fills in the mandatory fields “S/N” and “Reference Date” or/ and other query data and then selects the button «Query→ Run» or (F8). The cash collateral applications displayed, based on these criteria.
3. For **cancelling the application**, user selects the value “Cancelled” from the field “Status”.

4. Selects the button  « Save Changes» or press (F10). The message is displayed “*You are about to cancel / reject Cash Collateral Application (S/N=XXX). Would you like to continue?*” [YES] [NO].
5. If the user of the Clearing Member disagrees, selects the button [NO].
6. If the user of the Clearing Member agrees, selects the button [YES]: The message is displayed «*FRM-40400: Transaction completed*».
7. Selects the button [OK].

8. Selects the  Exit button to return to the initial EMCS Menu.

8.6. Screen: [Informational Mail]

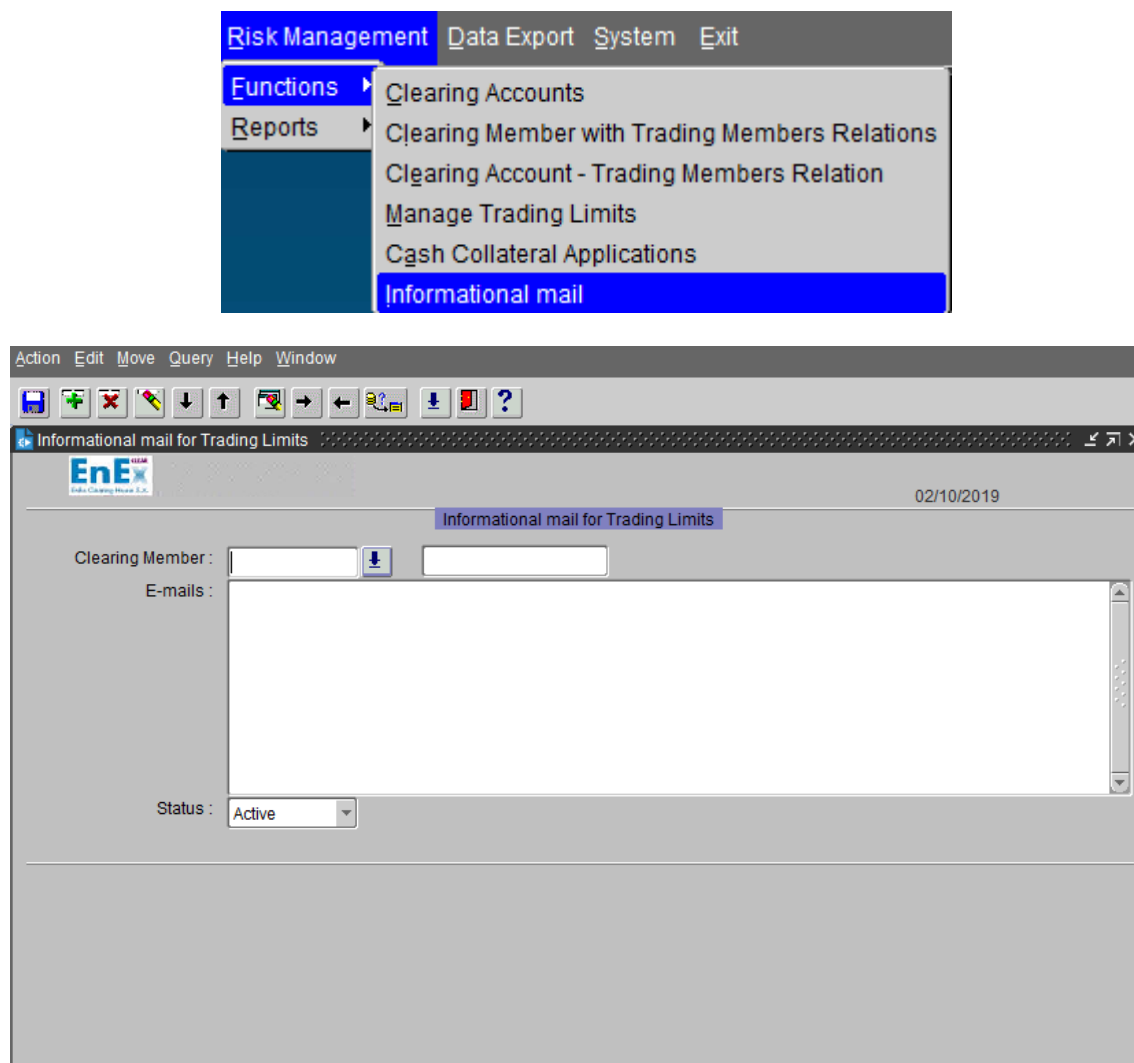
This screen enables the Clearing Member to define the **e-mail addresses** where the informative mail about consumed Credit Limits sent to. These informational emails are being sent whenever the consumed credit limit of Clearing Account/ Subaccount **exceeds the limit of 50%, 70% and 85%**.

Also, **starting from the 10th working** day prior to the letter of guarantee expiration, an informative email will be sent to the defined mail addresses of the Clearing Member, regarding the forthcoming letter guarantee expiration.

A Clearing Member **may deactivate** the mail transmission or change its defined mail address.

8.6.1. Screen Description: Informational Mail

The user **enters the menu of EMCS Menu**: “**Risk Management / Functions / Informational mail**”:



Screen 21 - Informational mail

The fields of this screen are described below:

INFORMATIONAL MAIL		
Field Name	Description	Notes
Clearing Member	Clearing Member Code and Name	Selected from the list of values. Only Clearing Member connecting to EMCS, displayed.
E_mails	Clearing Member Mail Addresses	Each mail separated by ";"
Status	Informational Mail Status	Receives the values: <ul style="list-style-type: none"> Active Inactive

Table 17 – Informational Mail

8.6.2. Screen Operation: Informational Mail

RECEIVE THE INFORMATIONAL EMAIL

The Clearing Member performs the following actions to **receive the informational emails**:

1. Fills in the field **“Clearing Member”**.
2. **Fills in the mail addresses to receive the consumed credit limit.**
3. To enter more than one mail address, they must be separated with «;» (e.g: user1@member1.gr;user2@member1.gr)



4. Selects the button **«Save Changes»** or press (F10): The message is displayed **“FRM-40400: Transaction completed”**.

5. Selects the button [OK].



6. Selects the **Exit button to return to the initial EMCS Client Menu.**

DEACTIVATE RECEIVING THE INFORMATIONAL EMAIL

The Clearing Member performs the following actions to **deactivate receiving the informative mail:**



1. Selects the buttons **«Start Query »** or (F7) and then selects the button **«Execute Query »** or (F8) to view the inserted mail addresses.
2. Selects the value **“Inactive”** from the list in the field **“Status”**.



3. Selects the button **«Save Changes»** or press (F10): The message is displayed **“FRM-40400: Transaction completed”**.

4. Selects the button [OK].



5. Selects the **Exit button to return to the initial EMCS Menu.**

REMOVE / ADD A NEW MAIL ADDRESS

The Clearing Member performs the following actions to **remove / add a new mail address:**



1. Selects the buttons **«Start Query »** or (F7) and then selects the button **«Execute Query »** or (F8) to view the inserted mail addresses.
2. In the field **“e_mail”** registers new, or deletes the existing mail address.



3. Selects the button **«Save Changes»** or press (F10): The message is displayed **“FRM-40400: Transaction completed”**.

4. Selects the button [OK].



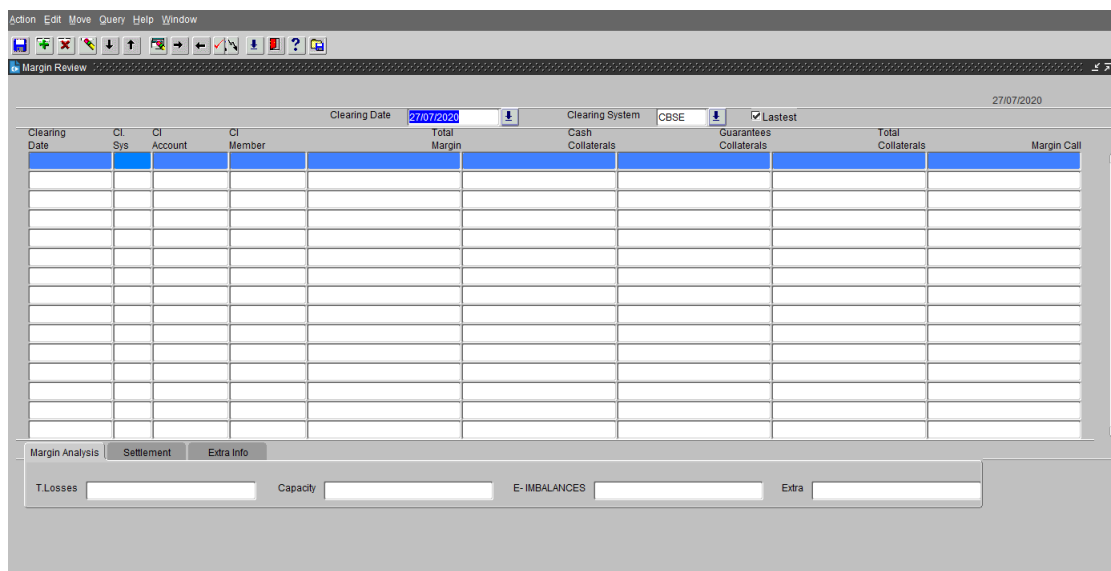
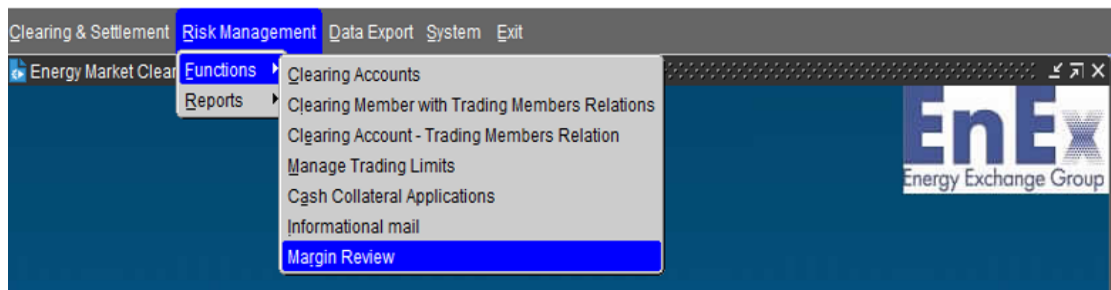
5. Selects the **Exit button to return to the initial EMCS Client Menu.**

8.7 Screen: [Margin Review]

This screen enables the Clearing Member to view information concerning Margin, Collaterals, Margin Call, Settlement Details about IPTO's Balancing Market (CBSE Clearing System).

8.7.1. Screen Description: Margin Review

The user enters the menu of EMCS Menu: “Risk Management / Functions / Margin Review”:



Screen 22 – Margin Review

The fields of this screen are described below:




MARGIN REVIEW		
Field Name	Description	Notes
Clearing Date	Clearing Date	DD/MM/YYYY
Clr.System	Clearing System where Clearing Member participates	Receives the value: “CBSE” for Balancing Market
Clearing Date	Clearing Date	Given by EMCS
Clr.System	Clearing System where Clearing Member participates	Receives the value: “CBSE” for Balancing Market
Clr.Account	Clearing Account	Given by EMCS
Total Margin	The Total Required Margin	Given by EMCS
Cash Collaterals	The Cash Collaterals Deposited by the Clearing Member for the specific Clearing Account	Given by EMCS
Guarantees Collaterals	The Total Haircut Value of the Guarantees Deposited by the	Given by EMCS

MARGIN REVIEW		
Field Name	Description	Notes
	Clearing Member for the specific Clearing Account	
Total Collaterals	The Sum of the Value of the Cash Collaterals and the Guarantees Collaterals	Given by EMCS
Margin Call	The Difference between the Margin and the Total Collaterals with min value 0	Given by EMCS
Margin Analysis	Margin Analysis for the Specific Clearing Account	Given by EMCS
Settlement	Settlement Analysis for the Specific Clearing Account	Given by EMCS
Extra Info	Info concerning the Responsible Clearing Member, the Participant's EMCS Code and its EIC Code	Given by EMCS

Table 18 – Margin Review


8.7.2. Screen Operation: Margin Review

The user of the Clearing Member performs the following actions **to view details concerning Margin Requirements, for Balancing Market for a specific Clearing Date:**

1. Fills in the mandatory field "Clearing Date."
2. Selects the button  "Execute Query" from toolbar or (F8) to start searching: **The Margin Requirements are displayed**, based on these criteria.
3. Selects the button  "Save data to file" from the toolbar **to export data from this screen to a file (csv or excel).**
4. Selects the Exit button  **to return to the initial EMCS Client Menu.**


8.7.3. Screen Operation: Margin Analysis

The user of the Clearing Member performs the following actions **to view details concerning Margin Requirements, for Balancing Market for a specific Clearing Date:**

1. Fills in the mandatory field "Clearing Date."
2. Selects the button  "Execute Query" from toolbar or (F8) to start searching: **The Margin Requirements are displayed**, based on these criteria.
3. Selects the button "Margin Analysis" in order to have a view of the **Margin breakdown.**


8.7.4. Screen Operation: Settlement

The user of the Clearing Member performs the following actions to view details concerning Margin Requirements, for Balancing Market for a specific Clearing Date:

1. Fills in the mandatory field “Clearing Date.”
2. Selects the button  “Execute Query” from toolbar or (F8) to start searching: **The Margin Requirements are displayed**, based on these criteria.
3. Selects the button “Settlement” in order to have a view of the Credit or Debit Amount of the Clearing Account for the Specific Clearing Date.

8.7.5. Screen Operation: Extra Info

The user of the Clearing Member performs the following actions to view details concerning Margin Requirements, for Balancing Market for a specific Clearing Date:

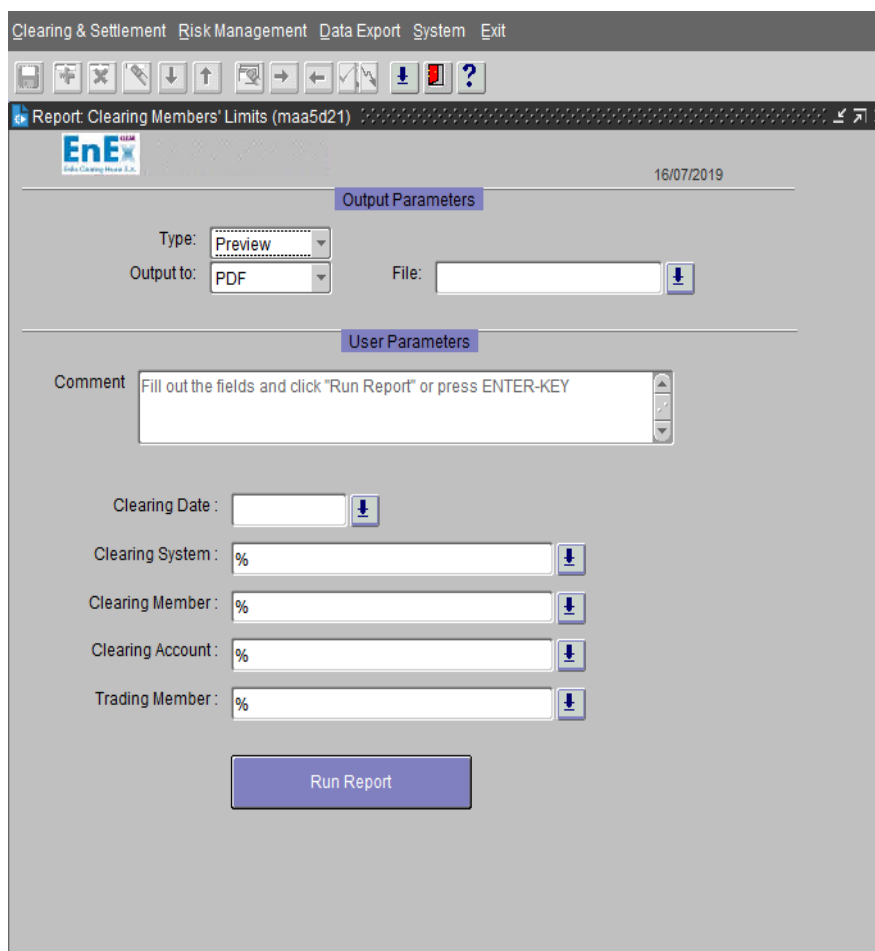
1. Fills in the mandatory field “Clearing Date.”
2. Selects the button  “Execute Query” from toolbar or (F8) to start searching: **The Margin Requirements are displayed**, based on these criteria.
3. Selects the button “Extra Info” in order to have a view of the Current Relation for Balancing Market between the Clearing Member, the Participant and its EIC Code.

8.8. Report: [Clearing Members Limits]

This report of Clearing Member Limits displays the credit limits allocated by Clearing Members to the Trading Member (Clearing Accounts) for the Clearing Systems “CENS” or “CGAS”.

8.8.1. Report Description: Clearing Members Limits

The user enters the menu of EMCS: “Risk Management / Reports / Clearing Members Limits”. The following screen is displayed:



Screen 23 - Clearing Members Limits

The fields of this screen are described below:


CLEARING MEMBER LIMITS		
OUTPUT PARAMETERS		
Field Name	Description	Notes
Type	Where and how report is displayed	Selected from the following list: « Preview » or « File » - on screen display « Preview » is field's default choice
Output to	Where and how output is displayed	Selected from the following list: « PDF » or « HTML » or « RTF » or « DELIMITED » Default choice is « PDF »
File	Filename and Path where data saved instead of printout	Selected from the user
USER PARAMETERS		
Field Name	Description	Notes
Comment		Given by EMCS
Clearing Date	Clearing Date	Current Clearing Date or next date if Final Risk Calculation has been executed by EnExClear for next day

CLEARING MEMBER LIMITS		
		DD/MM/YYYY (or previous clearing dates)
Clearing System	Clearing System where Clearing Member participates	Selected from the list of values Receives the values: <ul style="list-style-type: none"> • “CENS” for DAM & IDM Markets • “CGAS” for NgasTP or %
Clearing Member	EMCS Clearing Member Code and Name	Default value % or selected from the user
Clearing Account	Clearing Account Code and Description	Selected from the list of values Or % Displays only the Clearing Member Clearing Accounts
Trading Member	Trading Member Code in EMCS	Selected from the list Trading Member Name displayed Displays only the Related Trading Members or %

Table 19 – Report of Clearing Members Limits

8.8.2. Report Operation: Clearing Members Limits

The Clearing Member performs the following actions:

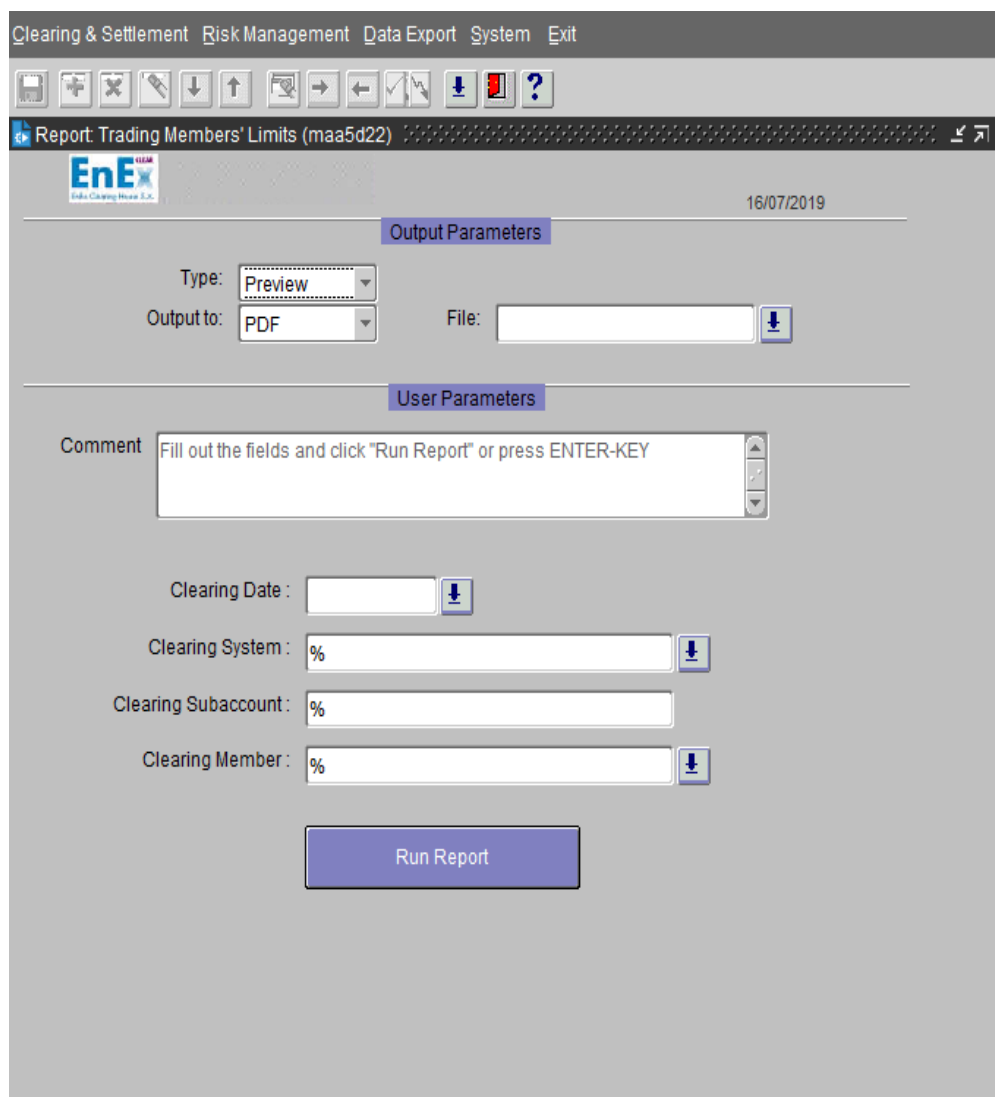
1. Fills in the respective fields for **having a view of the credit limits**.
2. Selects the button **[Run Report]**: A **print window is displayed** that **includes the Clearing Member's limits**.
3. Selects the  **Exit** button to **return to the initial EMCS Client Menu**.

8.9. Report: [Trading Members Limits]

This report is used only from the Direct Clearing Members to view their own credit limits but also to view Credit Limits allocated to them by cooperating General Clearing Members.

8.9.1. Report Description: Trading Members Limits

The user **enters the menu of EMCS: “Risk Management / Reports / Trading Members Limits”**. The following screen is displayed:



Screen 24 - Trading Members Limits

The fields of this screen are described below:


TRADING MEMBERS LIMITS		
OUTPUT PARAMETERS		
Field Name	Description	Notes
Type	Where and how report is displayed	Selected from the following list: «Preview» or «File» - on screen display «Preview» is field's default choice
Output to	Where and how output is displayed	Selected from the following list: «PDF» or «HTML» or «RTF» or «DELIMITED» Default choice is «PDF»
File	Filename and Path where data saved instead of printout	Selected from the user
USER PARAMETERS		
Field Name	Description	Notes

TRADING MEMBERS LIMITS		
Comment		Given by EMCS
Clearing Date	Clearing Date	Current Clearing Date or Next Clearing Date if Final Risk calculation executed for the Current Clearing Date (or previous clearing date) Given by EMCS
Clearing System	Clearing System where Clearing Member participates	Selected from the list of values Receives the values: <ul style="list-style-type: none"> • “CENS” for DAM & IDM Markets • “CGAS” for NGasTP or %
Clearing Subaccount	Clearing Subaccount Code and Description	Display only the Clearing Subaccounts of the Clearing Member or %
Clearing Member	Clearing Member allocated credit limit to Trading Member	Selected from the list of values or %

Table 20 – Report of Trading Members Limits

8.9.2. Report Operation: Trading Members Limits

The Clearing Member performs the following actions:

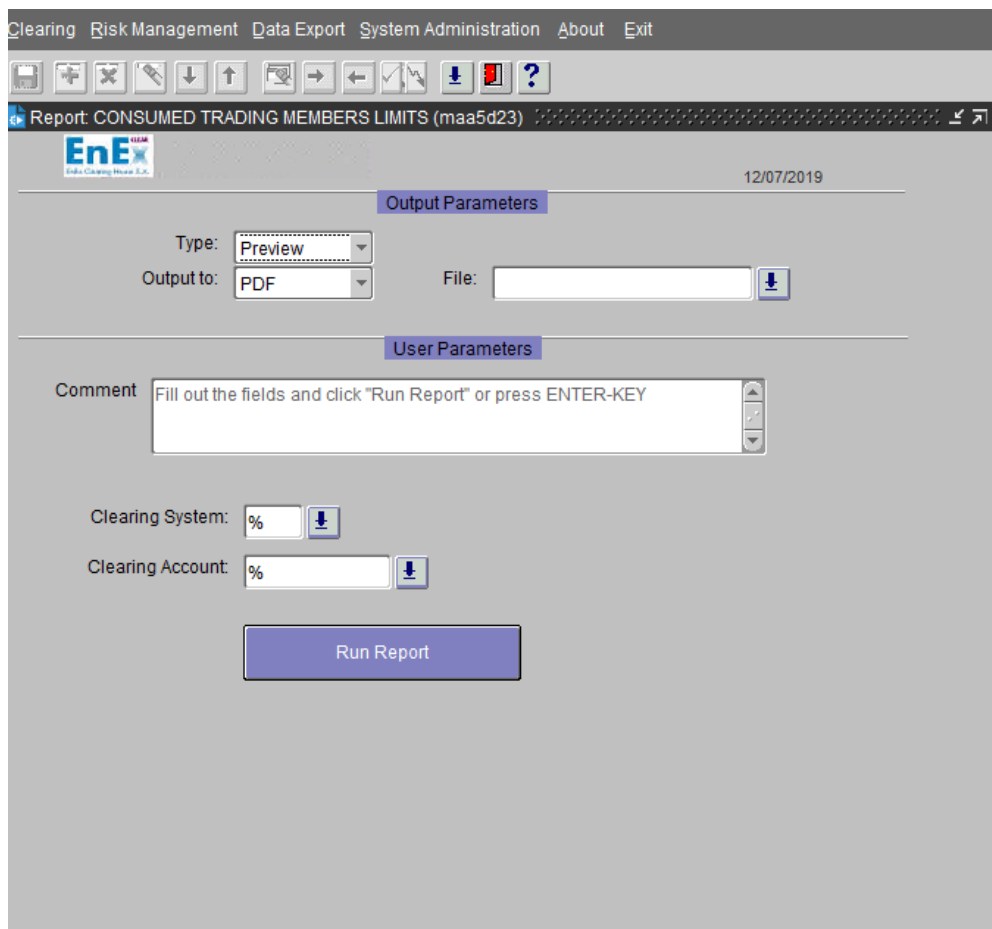
1. Fills in the fields to insert the data for monitoring limits.
2. Selects the button **[Run Report]**: A print window is displayed that includes the Trading Member's limits.
3. Selects the  Exit button to return to the initial EMCS Client Menu.

8.10. Report: [Consumed Trading Members Limits]

This report Limits is used by Clearing Members to display during the day, the consumed credit limits of their Trading Members in Trading System.

8.10.1. Report Description: Consumed Trading Members Limits

The user enters the EMCS Menu: “Risk Management / Reports / Consumed Trading Members Limits”:



Screen 25 - Consumed Trading Members Limits

The fields of this screen are described below:

CONSUMED TRADING MEMBERS LIMITS		
OUTPUT PARAMETERS		
Field Name	Description	Notes
Type	Where and how report is displayed	Selected from the following list: «Preview» or «File» - on screen display «Preview» is field's default choice
Output to	Where and how output is displayed	Selected from the following list: «PDF» or «HTML» or «RTF» or «DELIMITED» Default choice is «PDF»
File	Filename and Path where data saved instead of printout	Selected from the user
USER PARAMETERS		
Field Name	Description	Notes
Comment		Given by EMCS
Clearing System	Clearing System where Clearing Member participates	Selected from the list of values Receives the values:

CONSUMED TRADING MEMBERS LIMITS		
		<ul style="list-style-type: none"> • “CENS” for DAM & IDM Markets • “CGAS” for NGasTP or %
Clearing Account	Clearing Account Code and Description	Selected from the list of values or % Display only the Clearing Member's Clearing Accounts


Table 21 – Report of Consumed Trading Members Limits

8.10.2. Report Operation: Consumed Trading Members Limits

The Clearing Member performs the following actions:

1. Fills in the fields “**Clearing System**” and “**Clearing Account**” optionally, to print out during the day the Clearing Account's consumed limits in Trading System.
2. Selects the button **[Run Report]**: A print window is displayed that includes the credit limits.



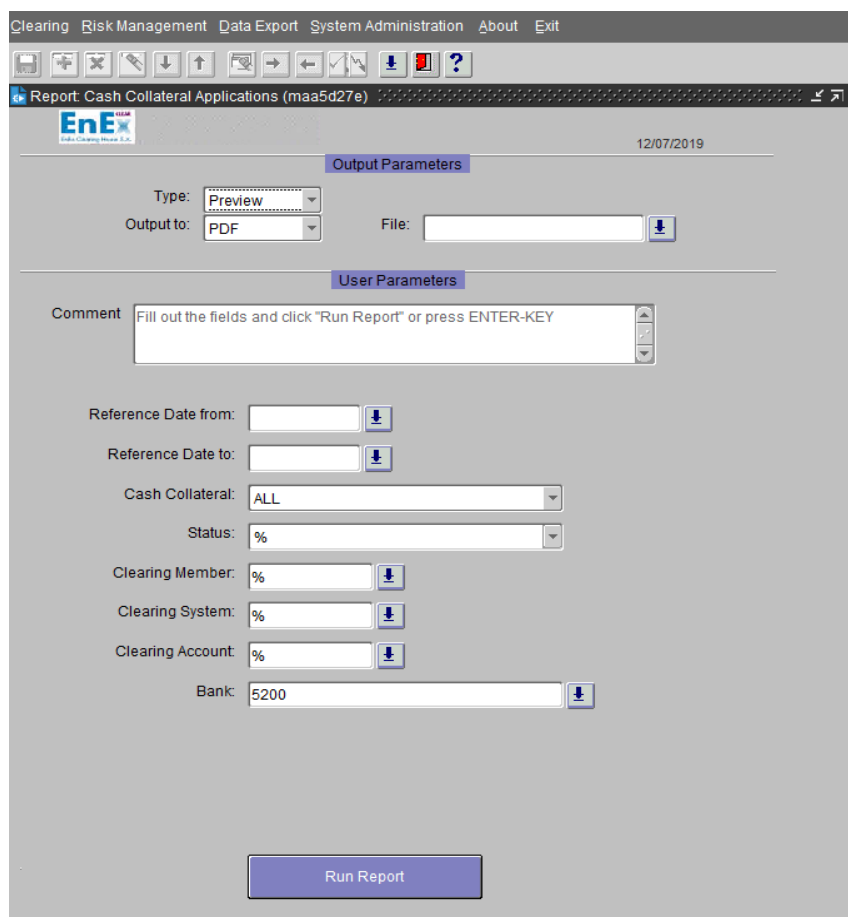
3. Selects the  Exit button to return to the initial EMCS Client Menu.

8.11. Report: [Cash Collateral Applications]

This report assists the user of the Clearing Member to monitor its registered Cash Collateral Applications for a specific clearing date or range of clearing dates and a specific Clearing System or all Clearing Systems.

8.11.1. Report Description: Cash Collateral Applications

The user **enters the menu of EMCS: “Risk Management / Reports / Cash Collateral Applications”**:



Screen 26 - Cash Collateral Applications

The fields of this screen are described below:


CASH COLLATERAL APPLICATIONS		
OUTPUT PARAMETERS		
Field Name	Description	Notes
Type	Where and how the report is displayed	Selected from the following list: «Preview» or «File» - on screen display «Preview» is field's default choice
Output to	Where and how output is displayed	Selected from the following list: «PDF» or «HTML» or «RTF» or «DELIMITED» Default choice is «PDF»
File	Filename and Path where data saved instead of printout	Selected from the user
USER PARAMETERS		
Field Name	Description	Notes
Comment		Given by EMCS
Reference Date from	Input Application Start Date	DD/MM/YYYY
Reference Date to	Input Application End Date	DD/MM/YYYY
Cash Collateral	Application Type	Selected from the list of values

CASH COLLATERAL APPLICATIONS		
		Receives the values: <ul style="list-style-type: none"> • NEW (for margins coverage or credit limit's increase) • RETURN (cash collateral return) • ALL
Status	Application Status Selected from the list Receives the values: <ul style="list-style-type: none"> • Cancelled • Completed • Pending • Rejected • NOT Completed 	Describes the Application Status: <ul style="list-style-type: none"> • Cancelled (Cancellation by Clearing Member for a Pending Application) • Completed • Pending (not yet Settled by EnExClear) • Rejected (Rejected by EnExClear) • NOT Completed (not used)
Clearing Member	Clearing Member Code	Default value % or selected from the user
Clearing System	Clearing System where Clearing Member participates	Selected from a list of values. Receives the values: <ul style="list-style-type: none"> • "CENS" for DAM & IDM Markets • "CBSE" for Balancing Market • "CGAS" for NgasTP or %
Clearing Account	Clearing Account Code	Selected from the list or % default Clearing Member's Clearing Accounts displayed
Bank	5200 – Target2	

Table 22 – Report of Cash Collateral Applications

8.11.2. Report Operation: Cash Collateral Applications

The user of Clearing Member proceeds to the following actions:

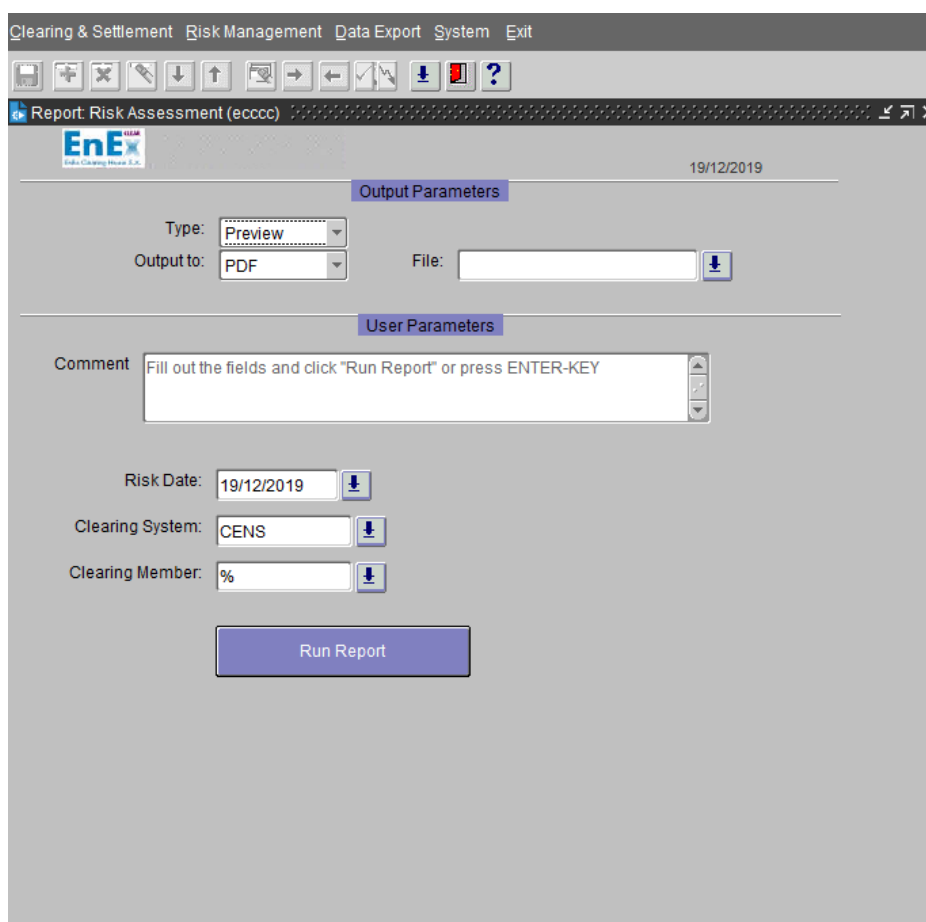
1. Fills in the fields **"Reference Date from"**, **"Reference Date to"**. *When there is Return of Cash Collateral Application, the Reference Date is the next Settlement Date.*
2. Fills in, optionally, some of the fields **"Output Parameters"**.
3. Selects the button **[Run Report]**: A screen window with the details of the applications is displayed.
4. Selects the **Exit** button  to end this session and return to the initial EMCS Client Menu.

8.12. Report: [Risk Assessment]

This report assists the user of the Clearing Member to monitor Guarantees, Margins and Credit Limits changes, during the day or / and at the End of a Clearing Date for a specific Clearing Account.

8.12.1. Report Description: Risk Assessment

The user enters the menu of EMCS: **“Risk Management / Reports / Risk Assessment”**:



The screenshot shows the 'Report: Risk Assessment (ecccc)' window. The menu bar includes 'Clearing & Settlement', 'Risk Management', 'Data Export', 'System', and 'Exit'. The toolbar contains various icons for file operations and help. The window title bar shows 'Report: Risk Assessment (ecccc)' and the date '19/12/2019'. The main area is divided into two sections: 'Output Parameters' and 'User Parameters'. In the 'Output Parameters' section, there are dropdown menus for 'Type' (set to 'Preview') and 'Output to' (set to 'PDF'), and a 'File' input field with a download icon. In the 'User Parameters' section, there is a 'Comment' text area with a placeholder text 'Fill out the fields and click "Run Report" or press ENTER-KEY'. Below this, there are input fields for 'Risk Date' (19/12/2019), 'Clearing System' (CENS), and 'Clearing Member' (%), each with a download icon. At the bottom, there is a 'Run Report' button.

Screen 27 – Risk Assessment

The fields of this screen are described below:

RISK ASSESSMENT		
OUTPUT PARAMETERS		
Field Name	Description	Notes
Type	Where and how report is displayed	Selected from the following list: «Preview» or «File» - on screen display «Preview» is field's default choice
Output to	Where and how output is displayed	Selected from the following list: «PDF» or «HTML» or «RTF» or «DELIMITED» Default choice is «PDF»
File	Filename and Path where data saved instead of printout	Selected from the user
USER PARAMETERS		
Field Name	Description	Notes
Comment		Given by EMCS
Risk Date	Input Application Date	DD/MM/YYYY

RISK ASSESSMENT		
Clearing System	Clearing System where Clearing Member participates	Receives the values: <ul style="list-style-type: none"> • “CENS” for DAM & IDM Markets • “CGAS” for NGasTP
Clearing Member	Clearing Member Code	Default value % or selected from the user

Table 23 – Report of Risk Assessment

8.12.2. Report Operation: Risk Assessment

The user of Clearing Member in order to produce the **EOD** Risk Assessment Report for the Clearing Systems “CENS” or “CGAS” proceeds to the following actions:

1. Fills in the field “**Risk Date**”: For the **current clearing date** this action must be performed **after the final risk calculation**. Also, an EOD Risk Assessment Report can be produced anytime for past clearings dates.
2. Selects the Clearing System (CENS or CGAS)
3. Selects the button **[Run Report]**: A print window is displayed that contains information about the EOD Guarantees, Margins & Credit Limits for clearing account(s).



4. Selects the **Exit** button to end this session and return to the initial EMCS Client Menu.

The user of Clearing Member in order to produce the **Intraday** Risk Assessment Report proceeds to the following actions:

1. Fills in the field “**Risk Date**”: For the **current clearing date** this action must be performed **before the final risk calculation** (at 16:15 – Athens Time). After the Final Risk Calculation for a specific Clearing Date, an Intraday Risk Assessment Report can be produced by filling in the field “Risk Date” with the next clearing date.
2. Selects the Clearing System (CENS or CGAS)
3. Selects the button **[Run Report]**: A print window is displayed that contains information about the Current Guarantees, Margins & Credit Limits for clearing account(s).



4. Selects the **Exit** button to end this session and return to the initial EMCS Client Menu.

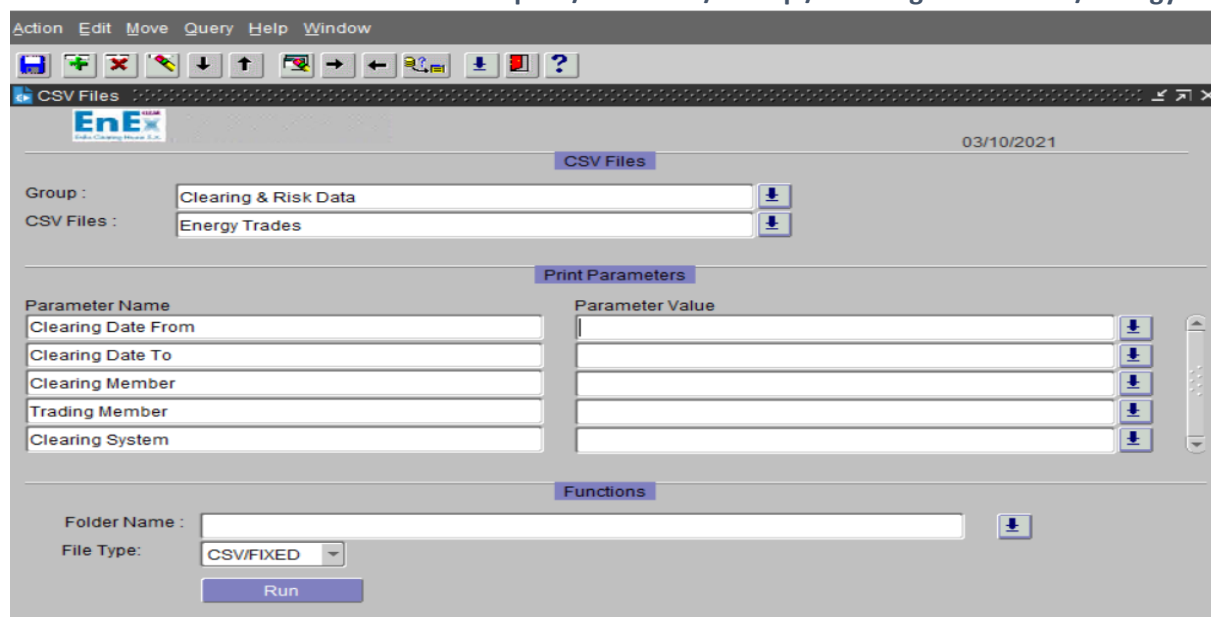
9. Menu: Data Export

9.1. File: [Energy Trades]

The file Energy Trades in file type CSV or Excel ,includes transactions as them concluded in Trading System by Trading Participants.

9.1.1. Screen Description: File Energy Trades

The user enters the EMCS Menu: “Data Export / CSV Files / Group / Clearing & Risk Data / Energy Trades”:



Screen 28 – File of Energy Trades

The fields of this screen are described below:


ENERGY TRADES		
Field Name	Description	Notes
Group	Group File	Group Name: Clearing & Risk Data
CSV Files	Name File	Name File:Energy Trades
PRINT PARAMETERS		
Field Name	Description	Notes
Clearing Date From	Start Clearing Date	DD/MM/YYYY
Clearing Date To	End Clearing Date	DD/MM/YYYY
Clearing Member	Clearing Member's Code	Selected from a list,or empty or % to display all Clearing Members
Trading Member	Trading Member's Code	Selected from the list of values or empty or % to display all Trading Members
Clearing System	Clearing System where Clearing Member participates	Selected from a list of values. Receives the values: <ul style="list-style-type: none"> “CENS” for DAM & IDM Markets “CGAS” for NGasTP

ENERGY TRADES		
Field Name	Description	Notes
		or empty or % to display all Clearing Systems
FUNCTIONS		
Field Name	Description	Notes
Folder Name	Position and Name of File on the user's computer (path)	Filled in from the user
File Type	Type of File created	Selected from the list Receives the values: -CSV / FIXED -EXCEL

Table 24 – CSV File of Energy Trades

9.1.2. Screen Operation: File Energy Trades

The user applies the following actions **to create the Energy Trades file**:

1. Selects from the list of values of the Group **"Clearing & Risk Data"**.
2. Selects from the list of values **"Energy Trades"**.
3. Fills in mandatory all the fields of [Print Parameters].
4. Fills in the fields **"Folder Name"** and **"File Type"**.
5. Selects the button [Run]: The message is displayed **"Starting operation. Would you like to continue?"** [Yes] [No]
6. If the user of Clearing Member disagrees, then selects the button [No].
7. If the user of Clearing Member agrees, then selects the button [Yes]: The message is displayed **"FRM-40400: Transaction completed"**.
8. Selects the button [OK].
9. Selects the  Exit button to return to the initial EMCS Client Menu.

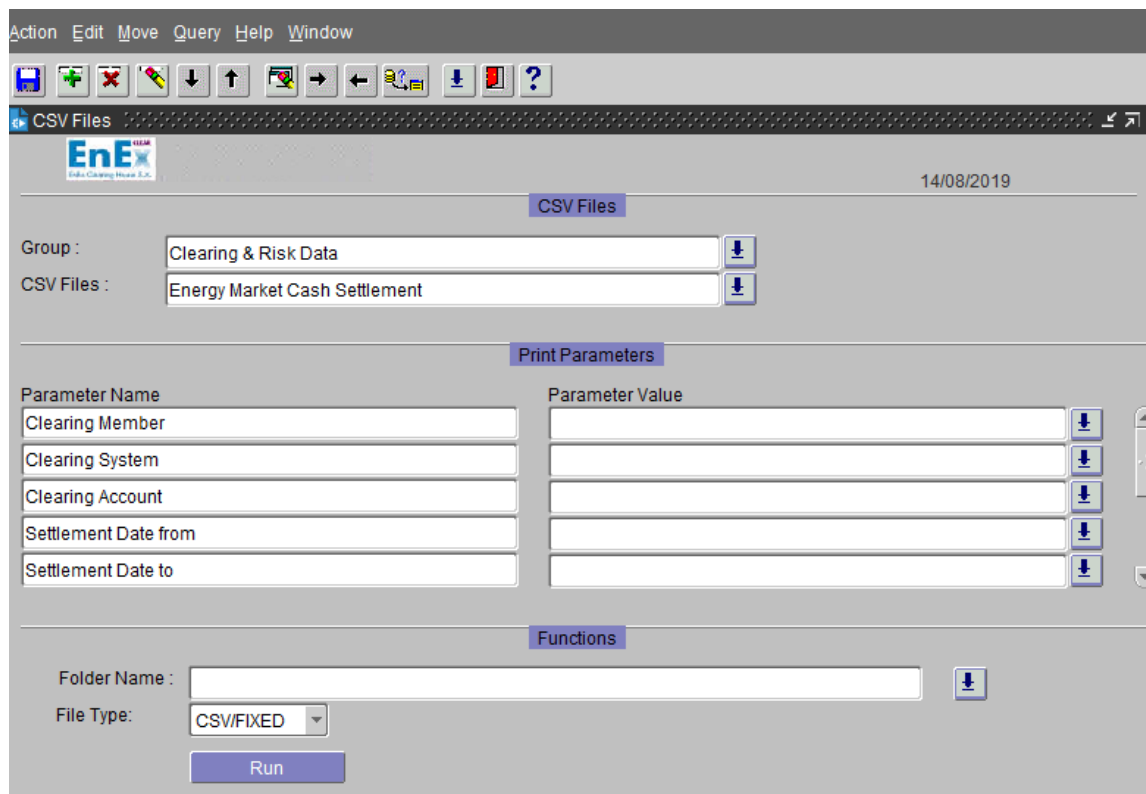
Note: Detailed description of the fields contained in the Energy Trades CSV Output File and their respective format is available in ANNEX I : [ENERGY TRADES – CSV OUTPUT FILE](#)

9.2. File: [Energy Market Cash Settlement]

The file of Energy Market Cash Settlement in file type CSV or Excel, includes the Cash Settlement Obligations / Requirements per Clearing Account and Clearing Member for Clearing System "CENS" or "CBSE", or "CGAS".

9.2.1. Screen Description: Energy Market Cash Settlement

The user **enters the EMCS Menu**: **"Data Export/CSV Files/Group/Clearing & Risk Data /Energy Market Cash Settlement"**



The screenshot shows the 'CSV Files' window in the EnEx CLEAR application. The window has a menu bar (Action, Edit, Move, Query, Help, Window) and a toolbar with various icons. The main area is titled 'CSV Files' and shows the date '14/08/2019'. Below the title bar, there are two input fields: 'Group' with the value 'Clearing & Risk Data' and 'CSV Files' with the value 'Energy Market Cash Settlement'. Each field has a download icon to its right. Below these fields is a section titled 'Print Parameters' with a table of parameters and their values. The parameters are: 'Clearing Member', 'Clearing System', 'Clearing Account', 'Settlement Date from', and 'Settlement Date to'. Each parameter has a corresponding input field and a download icon. At the bottom of the window is a section titled 'Functions' with a 'Folder Name' input field, a 'File Type' dropdown menu set to 'CSV/FIXED', and a 'Run' button.

Screen 29 – File of Energy Market Cash Settlement

The fields of this screen are described below:


ENERGY MARKET CASH SETTLEMENT		
Field Name	Description	Notes
Group	Group File	Group Name: Clearing & Risk Data
CSV Files	Name File	Name File: Energy Market Cash Settlement
PRINT PARAMETERS		
Field Name	Description	Notes
Clearing Member	Clearing Member Code	Selected from a list or empty or % to display all Clearing Members
Clearing System	Clearing System where Clearing Member participates	Selected from a list of values. Receives the values: <ul style="list-style-type: none"> • “CENS” for DAM & IDM Markets • “CBSE” for Balancing Market • “CGAS” for NGasTP or empty or % to display all Clearing Systems
Clearing Account	Clearing Account Code	Selected from the list of values Or empty or % to display all Clearing Accounts

ENERGY MARKET CASH SETTLEMENT		
Settlement Date From	Cash Settlement Start Date	DD/MM/YYYY
Settlement Date To	Cash Settlement End Date	DD/MM/YYYY
SSC	EMCS Settlement System Code	Selected from the list of values. <ul style="list-style-type: none"> • "1000" for CENS • "1100" for CBSE • "1600" for CGAS Or empty or % to display all Settlement System Codes
FUNCTIONS		
Field Name	Description	Notes
Folder Name	Position and Name of File on the user's computer (path)	Filled in from user
File Type	Type of File created	Selected from the list Receives the values: -CSV / FIXED -EXCEL

Table 24 – CSV File of Energy Market Cash Settlement

9.2.2. Operation: Energy Market Cash Settlement

The user applies the following actions to **create the file of Energy Market Cash Settlement**:

1. Selects from the list of values of the Group **"Clearing & Risk Data"**.
2. Selects from the list of values file **"Energy Market Cash Settlement"**.
3. Fills in mandatory all the fields of **[Print Parameters]**
4. Fills in the fields **"Folder Name"** and **"File Type"**.
5. Selects the button **[Run]**: The message is displayed **"Starting operation. Would you like to continue?" [Yes] [No]**
6. **If the user of Clearing Member disagrees**, then selects the button **[No]**.
7. **If the user of Clearing Member agrees**, then selects the button **[Yes]**: The message is displayed **"FRM-40400: Transaction completed"**.
8. Selects the button **[OK]**.
9. Selects the  **Exit** button to **return to the initial EMCS Client Menu**.

Note: Detailed description of the fields contained in the Energy Market Cash Settlement CSV Output File and their respective format is available in ANNEX I: [ENERGY MARKET CASH SETTLEMENT – CSV OUTPUT FILE](#).

9.3. File: [Fees Analysis]

This file Fees Analysis in file type CSV or Excel, includes information concerning Clearing Member's fees obligations and taxes obligations/requirements per Clearing Account.

9.3.1. Screen Description: Fees Analysis

The user enters the EMCS Menu: "Data Export / CSV Files / Group / Clearing & Risk Data / Fees Analysis":

Screen 30 – File of Fees Analysis


FEES ANALYSIS		
Field Name	Description	Notes
Group	Group File	Group Name: Clearing & Risk Data
CSV Files	Name File	Name File: Fees Analysis
PRINT PARAMETERS		
Field Name	Description	Notes
Clearing Date From	Start Clearing Date	DD/MM/YYYY
Clearing Date To	End Clearing Date	DD/MM/YYYY
Clearing System	Clearing System where Clearing Member participates	Selected from a list of values. Receives the values: <ul style="list-style-type: none"> “CENS” for DAM & IDM Markets “CBSE” for Balancing Market

FEES ANALYSIS		
Field Name	Description	Notes
		<ul style="list-style-type: none"> • “CGAS” for NGasTP Or empty or % to display all Clearing Systems
Clearing Account	Clearing Account Code	Selected from the list of values or empty or % to display all clearing accounts
FUNCTIONS		
Field Name	Description	Notes
Folder Name	Position and Name of File on the user’s computer (path)	Filled in from user
File Type	Type of File created	Selected from the list Receives the values: -CSV / FIXED -EXCEL

Table 26 – CSV File of Fees Analysis

9.3.2. Screen Operation: Fees Analysis

The user applies the following actions to create the Fees Analysis file:

1. Selects from the list of values of the Group “Clearing & Risk Data”.
2. Selects from the list of values the file “Fees Analysis”.
3. Fills in mandatory the fields “Clearing Date From” & “Clearing Date To” of [Print Parameters] and optionally filled the “Clearing System” and “Clearing Account” fields in order to retrieve data for a specific Clearing Account and Clearing System.
4. Fills in the fields” Folder Name” and “File Type”.
5. Selects the button [Run]: The message is displayed “Starting operation. Would you like to continue?” [Yes] [No]
6. If the user of Clearing Member disagrees, then selects the button [No].
7. If the user of Clearing Member agrees, then selects the button [Yes]: The message displayed “FRM-40400: Transaction completed”.
8. Selects the button [OK].
9. Selects the  Exit button to return to the initial EMCS Client Menu.

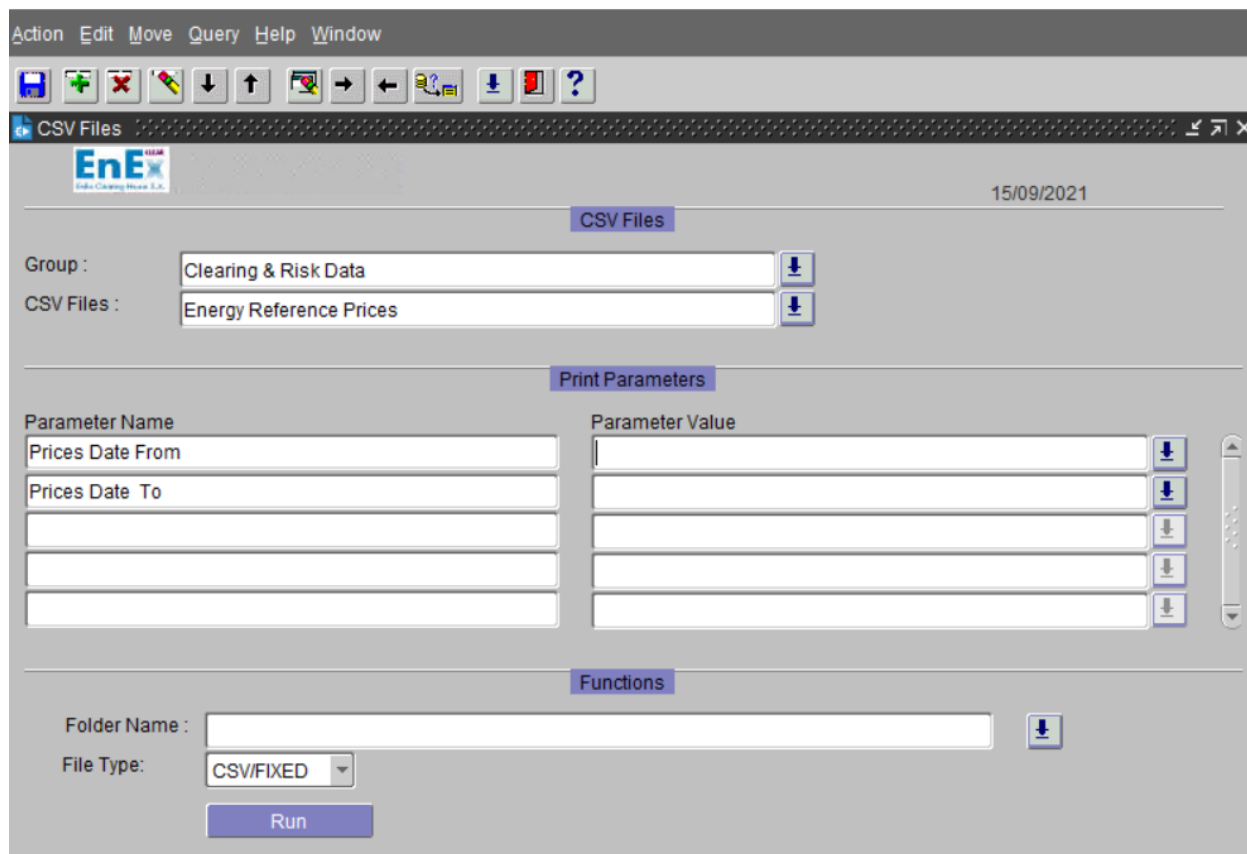
Note: Detailed description of the fields contained in the Fees Analysis – CSV Output File and their respective format is available in ANNEX I: [FEES ANALYSIS – CSV OUTPUT FILE](#)

9.4. File: [Energy Reference Prices]

The file Energy Reference Prices in file type CSV or Excel, includes the HEnEX’s DAM Market Reference Prices for a specific date or a range of dates.

9.4.1. Screen Description: Energy References Prices

The user enters the EMCS Menu: “Data Export / CSV Files / Group / Clearing & Risk Data / Energy Reference Prices”:



Screen 31 – File of Energy Reference Prices


The fields of this screen are described below:

ENERGY REFERENCE PRICES		
Field Name	Description	Notes
Group	Group File	Group Name: Clearing & Risk Data
CSV Files	Name File	Name File: Energy Reference Prices
PRINT PARAMETERS		
Field Name	Description	Notes
Prices Date From	Reference Prices Start Date	DD/MM/YYYY
Prices Date To	Reference Prices End Date	DD/MM/YYYY
FUNCTIONS		
Field Name	Description	Notes
Folder Name	Position and Name of File on the user's computer (path)	Filled in from user
File Type	Type of File created	Selected from the list Receives the values: -CSV / FIXED -EXCEL

Table 27 – CSV File of Energy Reference Prices

9.4.2. Screen Operation: Energy Reference Prices

The user applies the following actions to create the file of Energy References Prices:

1. Selects from the list of values of the Group “Clearing & Risk Data”.
2. Selects from the list of values the file” Energy Reference Prices”.
3. Fills in mandatory all the fields of [Print Parameters]
4. Fills in the fields” Folder Name” and “File Type”.
5. Selects the button [Run]: The message is displayed: “*Starting operation. Would you like to continue?*” [Yes] [No]
6. If the user of Clearing Member disagrees, then selects the button [No].
7. If the user of Clearing Member agrees, then selects the button [Yes]: The message displayed “*FRM-40400: Transaction completed*”.
8. Selects the button [OK].
9. Selects the  Exit button to return to the initial EMCS Client Menu.

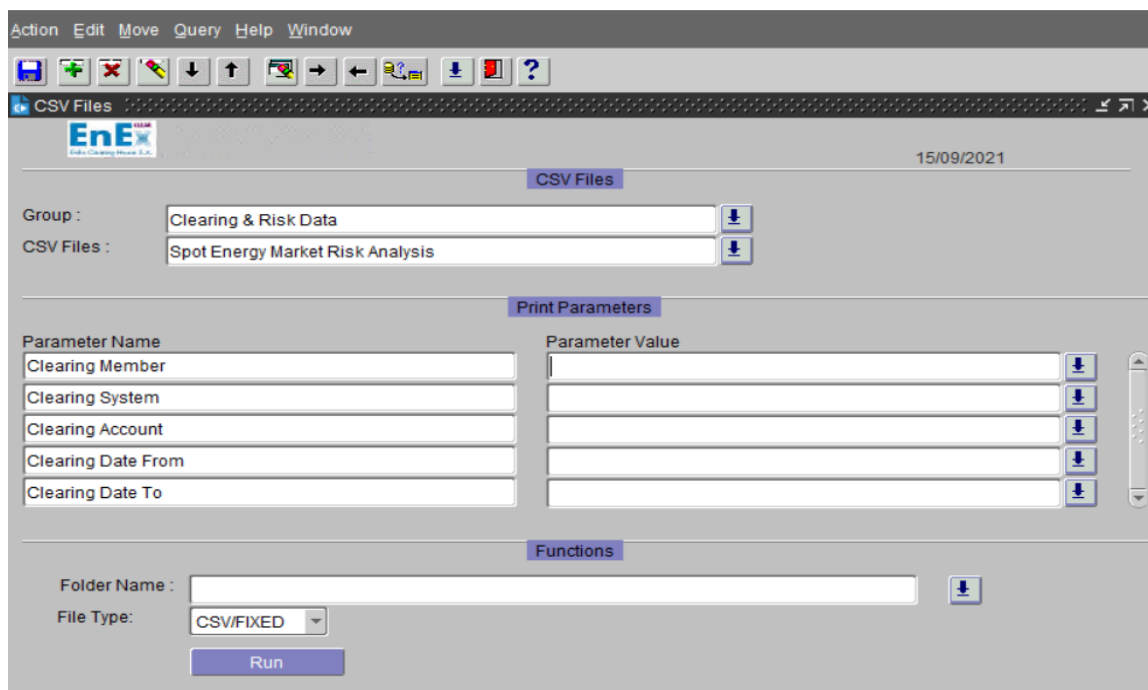
Note: Detailed description of the fields contained in the Energy Reference Prices –CSV Output File and their respective format is available in ANNEX I: [ENERGY REFERENCE PRICES – CSV OUTPUT FILE](#).

9.5. File: [Spot Energy Market Risk Analysis]

The file Spot Energy Market Risk Analysis in file type CSV or Excel, includes the EOD risk calculation results, as well as the evaluation of collaterals (Cash / Letters of Guarantee) per Clearing Member and Clearing Account for the Clearing Systems “CENS” and “CGAS”.

9.5.1. Screen Description: Spot Energy Market Risk Analysis

The user enters the EMCS Menu: “Data Export / CSV Files / Group / Clearing & Risk Data / Spot Energy Market Risk Analysis”:



Screen 32 – File of Spot Energy Market Risk Analysis

The fields of this screen are described below:


SPOT ENERGY MARKET RISK ANALYSIS		
Field Name	Description	Notes
Group	Group Files	Group Name: Clearing & Risk Data
CSV Files	Name File	Name File: Spot Energy Market Risk Analysis
PRINT PARAMETERS		
Field Name	Description	Notes
Clearing Member	Clearing Member Code	Selected from a list or empty or % to display all Clearing Members
Clearing System	Clearing System where Clearing Member participates	Receives the values: <ul style="list-style-type: none"> “CENS” for DAM & IDM Markets “CGAS” for NGAsTP or empty or % to display all Clearing Systems
Clearing Account	Clearing Account Code	Selected from the list of values Or empty or % to display all Clearing Accounts
Clearing Date From	Start Clearing Date	DD/MM/YYYY
Clearing Date To	End Clearing Date	DD/MM/YYYY
FUNCTIONS		
Field Name	Description	Notes
Folder Name	Position and Name of File on the user's computer (path)	Filled in from user

SPOT ENERGY MARKET RISK ANALYSIS		
Field Name	Description	Notes
File Type	Type of File created	Selected from the list Receives the values: -CSV / FIXED -EXCEL

Table 28 – CSV File of Spot Energy Market Risk Analysis

9.5.2. Screen Operation: Spot Energy Market Risk Analysis

The user applies the following actions to **create the file of Spot Energy Market Risk Analysis**:

1. **Selects from the list of values** of the Group **"Clearing & Risk Data"**.
2. **Selects from the list of values** the file **"Spot Energy Market Risk Analysis"**.
3. **Fills in mandatory all the fields** of [Print Parameters]
4. Fills in the fields **"Folder Name"** and **"File Type"**.
5. Selects the button [Run]: The message is displayed: *"Starting operation. Would you like to continue?"* [Yes] [No]
6. **If the user of the Clearing Member disagrees**, then selects the button [No].
7. **If the user of the Clearing Member agrees**, then selects the button [Yes]: The message is displayed *"FRM-40400: Transaction completed"*.
8. Selects the button [OK].
9. Selects the  **Exit button to return to the initial EMCS Client Menu.**

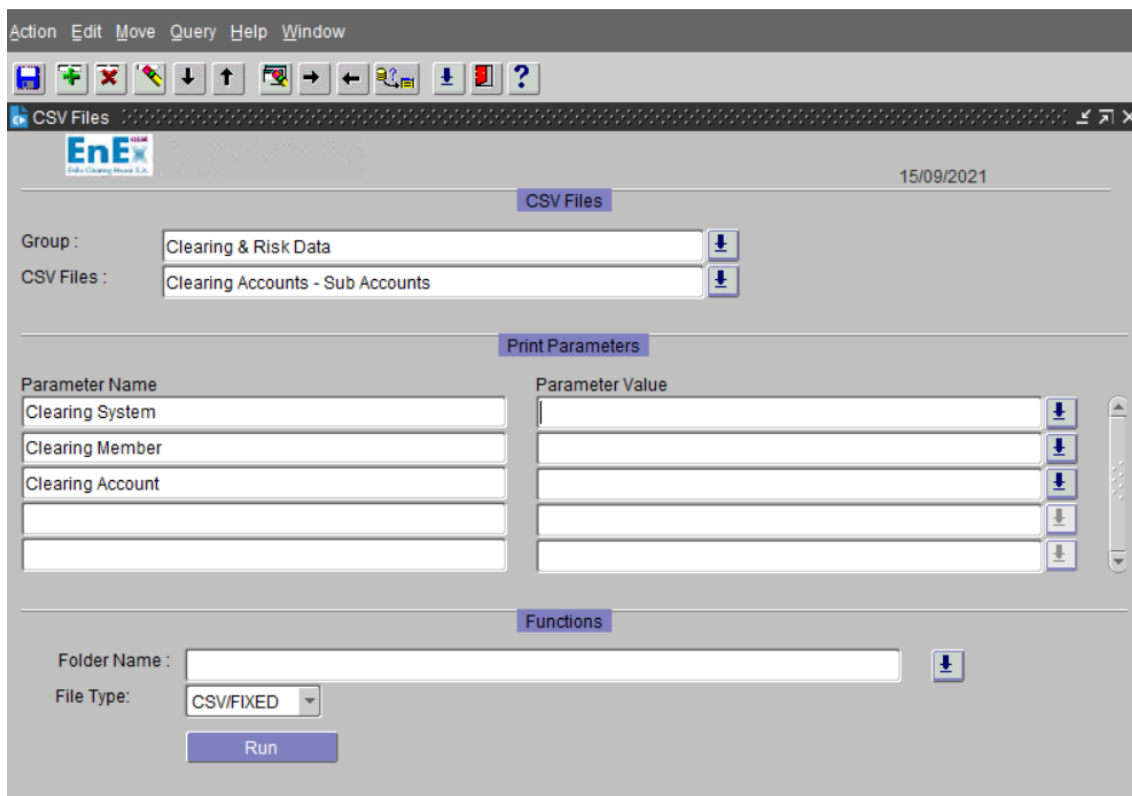
Note: Detailed description of the fields contained in the Spot Energy Market Risk Analysis – CSV Output File and their respective format is available in ANNEX I: [SPOT ENERGY MARKET RISK ANALYSIS – CSV OUTPUT FILE](#).

9.6. File: [Clearing Accounts-Subaccounts]

The file Clearing Accounts -Subaccounts in file type CSV or Excel, includes details concerning the Clearing Accounts and Subaccounts of the Clearing Members.

9.6.1. Screen Description: Clearing Accounts - Subaccounts

The user **enters the EMCS Menu**: **"Data Export / CSV Files / Group / Clearing & Risk Data / Clearing Accounts - Subaccounts"**:



Screen 33 – File of Clearing Accounts - Subaccounts

The fields of this screen are described below:


CLEARING ACCOUNTS - SUBACCOUNTS		
Field Name	Description	Notes
Group	Group Files	Group Name: Clearing & Risk Data
CSV Files	Name File	Name File: Clearing Accounts - Subaccounts
PRINT PARAMETERS		
Field Name	Description	Notes
Clearing System	Clearing System where Clearing Member participates	Selected from a list of values. Receives the values: <ul style="list-style-type: none"> • “CENS” for DAM & IDM Markets • “CBSE” for Balancing Market • “CGAS” for NGasTP or empty or % to display all Clearing Systems
Clearing Member	Clearing Member Code	Selected from a list of values or empty or % to display all Clearing Members.
Clearing Account	Clearing Account Code	Selected from the list of values Empty or % to display all Clearing Accounts
FUNCTIONS		

CLEARING ACCOUNTS - SUBACCOUNTS		
Field Name	Description	Notes
Field Name	Description	Notes
Folder Name	Position and Name of File on the user's computer (path)	Filled in from user
File Type	Type of File created	Selected from the list Receives the values: -CSV / FIXED -EXCEL

Table 29 – CSV File of Clearing Accounts - Subaccounts

9.6.2. Screen Operation: Clearing Accounts - Subaccounts

The user applies the following actions to **create the file of Clearing Accounts - Subaccounts**:

3. Selects from the list of values of the Group "Clearing & Risk Data".
4. Selects from the list of values the file "Clearing Accounts - Subaccounts".
6. Fills in mandatory all the fields of [Print Parameters]
7. Fills in the fields "Folder Name" and "File Type".
8. Selects the button [Run]: The message is displayed: *"Starting operation. Would you like to continue?"* [Yes] [No]
8. If the user of the Clearing Member disagrees, then selects the button [No].
9. If the user of the Clearing Member agrees, then selects the button [Yes]: The message is displayed *"FRM-40400: Transaction completed"*.
10. Selects the button [OK].
11. Selects the  Exit button to return to the initial EMCS Client Menu.

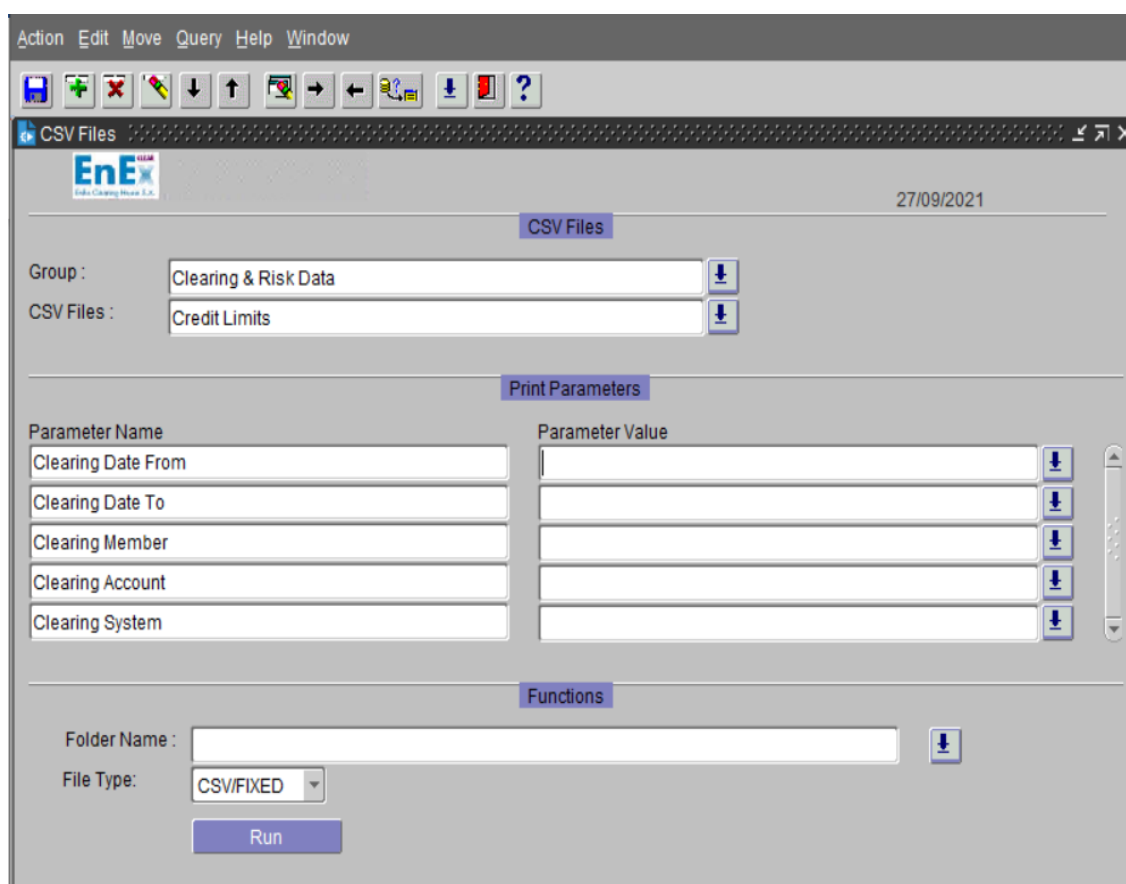
Note: Detailed description of the fields contained in the Clearing Accounts - Subaccounts –CSV Output File and their respective format is available in ANNEX I: [CLEARING ACCOUNTS - SUBACCOUNTS – CSV OUTPUT FILE](#)

9.7. File: [Credit Limits]

The file Credit Limits in file type CSV or Excel, includes details concerning the Credit Limits of the Clearing Members.

9.7.1. Screen Description: Credit Limits

The user enters the EMCS Menu: “Data Export / CSV Files / Group / Clearing & Risk Data / Credit Limits:



Screen 34 – File of Credit Limits

The fields of this screen are described below:


CREDIT LIMITS		
Field Name	Description	Notes
Group	Group Files	Group Name: Clearing & Risk Data
CSV Files	Name File	Name File: Credit Limits
PRINT PARAMETERS		
Field Name	Description	Notes
Clearing Date From	Start Clearing Date	DD/MM/YYYY
Clearing Date To	Start Clearing Date	DD/MM/YYYY
Clearing Member	Clearing Member Code	Selected from a list of values or empty or % to appear all Clearing Members

CREDIT LIMITS		
Field Name	Description	Notes
Clearing Account	Clearing Account Code	Selected from the list of values Or empty or % to display all Clearing Accounts
Clearing System	Clearing System where Clearing Member participates	Selected from a list of values. Receives the values: <ul style="list-style-type: none"> • “CENS” for DAM & IDM Markets • “CGAS” for NGasTP Or empty or % to appear all Clearing Systems
FUNCTIONS		
Field Name	Description	Notes
Folder Name	Position and Name of File on the user's computer (path)	Filled in from user
File Type	Type of File created	Selected from the list Receives the values: -CSV / FIXED -EXCEL

Table 30 – CSV File of Credit Limits

9.7.2. Screen Operation: Credit Limits

The user applies the following actions to **create the file of Credit Limits**:

1. Selects from the list of values of the Group “Clearing & Risk Data”.
2. Selects from the list of values the file “Credit Limits”.
3. Fills in mandatory all the fields of [Print Parameters]
3. Fills in the fields “Folder Name” and “File Type”.
4. Selects the button [Run]: The message is displayed: *“Starting operation. Would you like to continue?”* [Yes] [No]
10. If the user of the Clearing Member disagrees, then selects the button [No].
11. If the user of the Clearing Member agrees, then selects the button [Yes]: The message is displayed *“FRM-40400: Transaction completed”*.
12. Selects the button [OK].
13. Selects the  Exit button to return to the initial EMCS Client Menu.

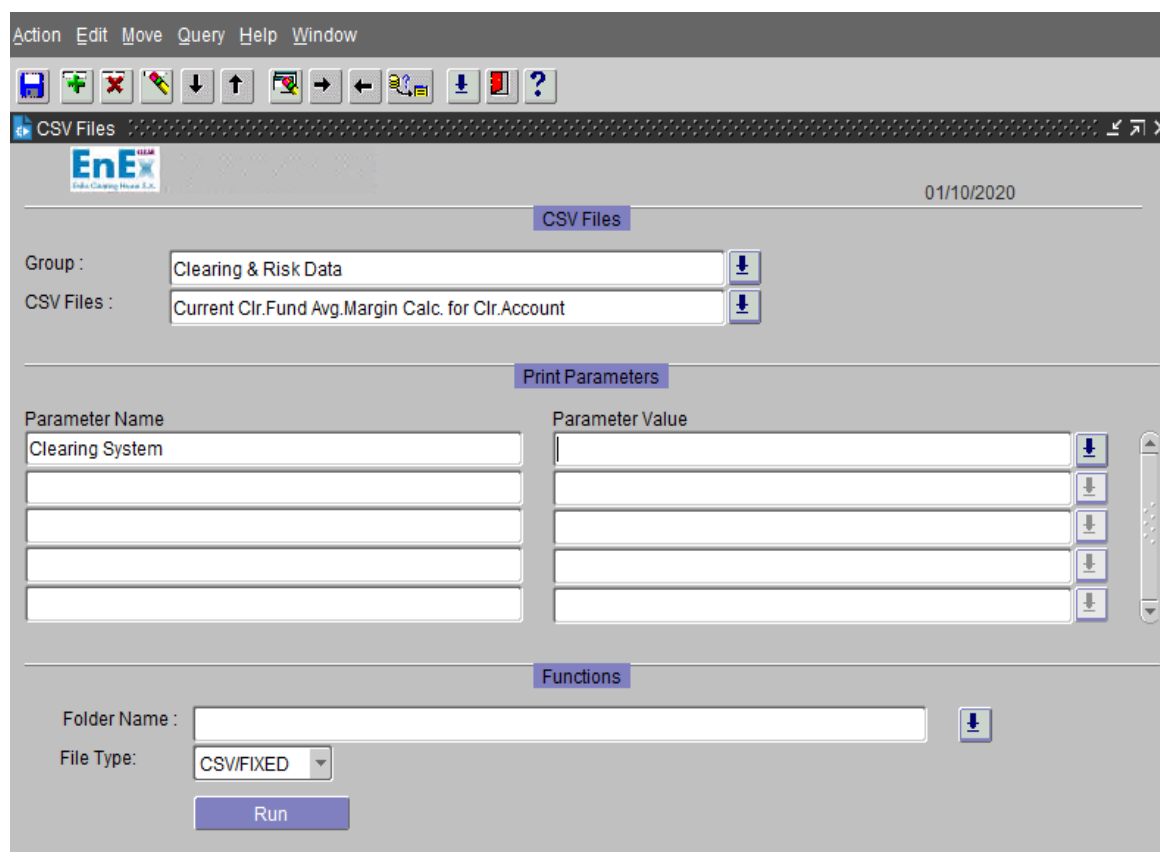
Note: Detailed description of the fields contained in the Clearing Accounts - Subaccounts –CSV Output File and their respective format is available in ANNEX I: [Credit Limits – CSV OUTPUT FILE](#)

9.8. File: [Current Clr Fund Avg Margin Calc. for Clr. Account]

The file Current Clr Fund Avg Margin Calc for CLR Account in file type CSV or Excel, includes details concerning the Avg Margin calculated by EnExClear and used for the calculation of the current Clearing Fund.

9.8.1. Screen Description: Current Clr Fund Avg Margin Calc for CLR Account

The user enters the EMCS Menu: “Data Export / CSV Files / Group / Clearing & Risk Data / Current Clr Fund Avg Margin Calc for CLR Account:



Screen 35 – File of Current Clr Fund Avg Margin Calc for CLR Account

The fields of this screen are described below:


Current Clr Fund Avg Margin Calc. for Clr. Account		
Field Name	Description	Notes
Group	Group Files	Group Name: Clearing & Risk Data
CSV Files	Name File	Name File: Current Clr Fund Avg Margin Calc for CLR Account
PRINT PARAMETERS		
Field Name	Description	Notes
Clearing System	Clearing System where Clearing Member participates	Selected from a list of values. Receives the values: <ul style="list-style-type: none"> “CENS” for DAM & IDM Markets

Current Clr Fund Avg Margin Calc. for Clr. Account		
Field Name	Description	Notes
		<ul style="list-style-type: none"> • “CBSE” for Balancing Market • “CGAS” for NGasTP
FUNCTIONS		
Field Name	Description	Notes
Folder Name	Position and Name of File on the user’s computer (path)	Filled in from user
File Type	Type of File created	Selected from the list Receives the values: -CSV / FIXED -EXCEL

Table 31 – CSV File of Current Clr Fund Avg Margin Calc for CLR Account

9.8.2. Screen Operation: Current Clr Fund Avg Margin Calc for CLR Account

The user applies the following actions to **create the file of** Current Clr Fund Avg Margin Calc for CLR Account:

1. Selects from the list of values of the Group “Clearing & Risk Data”.
2. Selects from the list of values the file “Current Clr Fund Avg Margin Calc for CLR Account”.
3. Fills in mandatory all the fields of [Print Parameters]
4. Fills in the fields “Folder Name” and “File Type”.
5. Selects the button [Run]: The message is displayed:” *Starting operation. Would you like to continue?”* [Yes] [No]
6. If the user of the Clearing Member disagrees, then selects the button [No].
7. If the user of the Clearing Member agrees, then selects the button [Yes]: The message is displayed “*FRM-40400: Transaction completed*”.
8. Selects the button [OK].
9. Selects the  Exit button to return to the initial EMCS Client Menu.

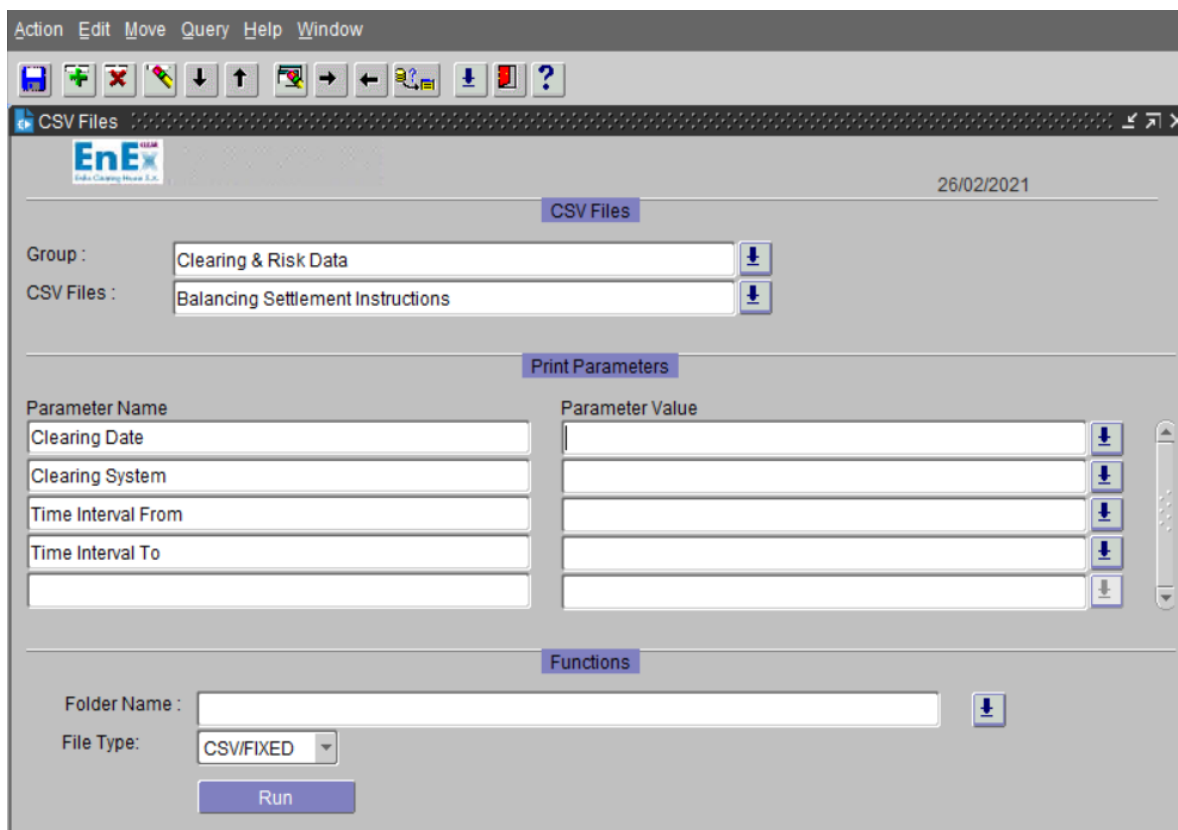
Note: Detailed description of the fields contained in the Clearing Accounts - Subaccounts –CSV Output File and their respective format is available in ANNEX I: [Current Clr Fund Avg Margin Calc for CLR Account – CSV OUTPUT FILE](#)

9.9. File: [Balancing Settlement Instructions]

The file Balancing Settlement Instructions in file type CSV or Excel, includes details concerning the Clearing Results for Balancing Market for a specific Clearing Date.

9.9.1. Screen Description: Balancing Settlement Instructions

The user enters the EMCS Menu: “Data Export / CSV Files / Group / Clearing & Risk Data / Balancing Settlement Instructions:



Screen 36 – File of Balancing Settlement Instructions

The fields of this screen are described below:


BALANCING SETTLEMENT INSTRUCTIONS		
Field Name	Description	Notes
Group	Group Files	Group Name: Clearing & Risk Data
CSV Files	Name File	Name File: Balancing Settlement Instructions
PRINT PARAMETERS		
Field Name	Description	Notes
Clearing Date	The corresponding Clearing Date	DD/MM/YYYY
Clearing System	Clearing System where Clearing Member participates	Selected from a list of values. Receives the values: <ul style="list-style-type: none"> “CBSE” for Balancing Market
Time Interval From	Start of the Reference period	DD/MM/YYYY
Time Interval To	End of the Reference period	DD/MM/YYYY
FUNCTIONS		
Field Name	Description	Notes

BALANCING SETTLEMENT INSTRUCTIONS		
Field Name	Description	Notes
Folder Name	Position and Name of File on the user's computer (path)	Filled in from user
File Type	Type of File created	Selected from the list Receives the values: -CSV / FIXED -EXCEL

Table 32 – CSV File of Balancing Settlement Instructions

9.9.2. Screen Operation: Balancing Settlement Instructions

The user applies the following actions to **create the file of** Balancing Settlement Instructions:

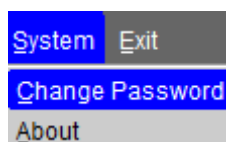
1. Selects from the list of values of the Group "Clearing & Risk Data".
2. Selects from the list of values the file "Balancing Settlement Instructions".
3. Fills in mandatory all the fields of [Print Parameters]
4. Fills in the fields "Folder Name" and "File Type".
5. Selects the button [Run]: The message is displayed: *"Starting operation. Would you like to continue?"* [Yes] [No]
6. If the user of the Clearing Member disagrees, then selects the button [No].
7. If the user of the Clearing Member agrees, then selects the button [Yes]: The message is displayed *"FRM-40400: Transaction completed"*.
8. Selects the button [OK].
9. Selects the  Exit button to return to the initial EMCS Client Menu.

Note: Detailed description of the fields contained in the Clearing Accounts - Subaccounts –CSV Output File and their respective format is available in ANNEX I: [Balancing Settlement Instructions – CSV OUTPUT FILE](#)

10. Menu: System

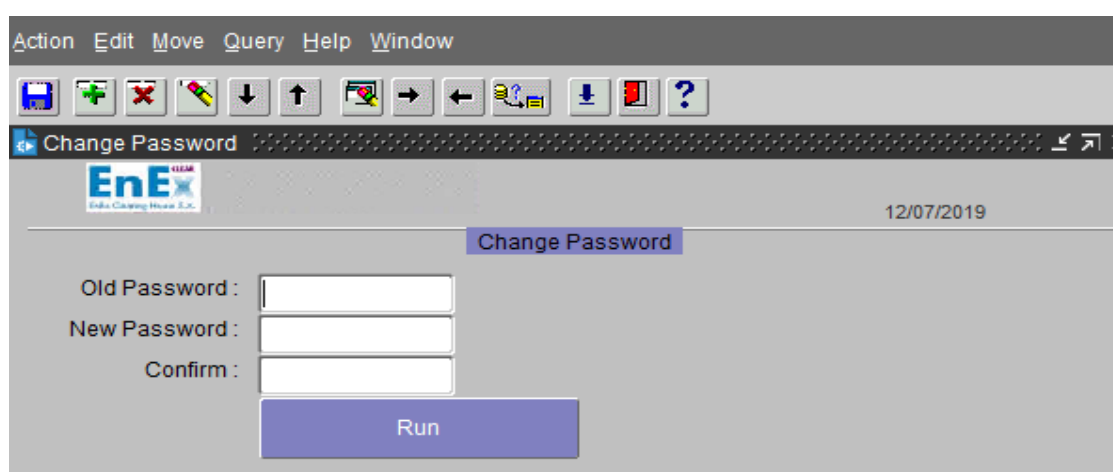
10.1. Screen: [Change Password]

This screen helps the user of the Clearing Member **to change its password in EMCS**.



10.1.1. Screen Description: Change Password

The user **enters the EMCS Menu: "EMCS / Change Password"**:



Screen 37 - Change Password

The fields of this screen are described below:


CHANGE PASSWORD		
Field Name	Description	Notes
Old Password	Old Password	Filled in from the user
New Password	New Password (at least 6 characters that contains at least two numeric digits)	Filled in from the user
Confirm	Confirm New Password (at least 6 characters that contains at least two numeric digits)	Filled in from the user

Table 33 – Change Password

10.1.2. Screen Operation: Change Password

The user applies the following actions **to change its password in EMCS**:

1. Fills in the fields "Old Password", "New Password" and "Confirm".

2. Selects the button **[Run]**: The message is displayed “**FRM-40400: Transaction completed**”.
3. Selects the button **[OK]**.
4. Selects the  **Exit** button to **return to the initial EMCS Client Menu**.

11. ANNEX I

11.1. ENERGY TRADES – CSV OUTPUT FILE

ENERGY TRADES – CSV OUTPUT FILE		
Field Name	Description	Type
Trade Id	Trade Numerical Code (unique code per Clearing Date)	Positive Integer
Clearing Date	The corresponding Clearing Date	DD-MMM-YY (where MMM : the 3 first characters of month in capital letters)
Clearing Member	Clearing Member's Description in the Clearing System	Text (up to 1000 characters)
Clearing System	Clearing System where Clearing Member participates	- "CENS" (for DAM/IDM) - "CGAS" (for NGasTP)
Clearing Account	Clearing Account Code	XXX, where - 2 first digits: alphabetic characters - 3 rd digit: alphanumeric character
Clearing Subaccount	Clearing Subaccount Code	XXXX, where - 2 first digits: alphabetic characters - 2 last digits: alphanumeric characters
Trading Member	Trading Member's (Participant's) Description in the Clearing System	Text (up to 1000 characters)
Trade Timestamp	Trade Date that PCR took place for the specific Market	DD-MMM-YY (where MMM : the 3 first characters of month in capital letters)
Buy/Sell	Indication of Buy or Sell	- "Buy" - "Sell"
Delivery Slot Symbol	Symbol of the delivery product (per market)	<ul style="list-style-type: none"> • CENS: PYMMDDHH00: 11 alphanumeric characters, where - First digit: P (capital letter) - YYMMDD (the delivery date) - HH00 (the delivery timeslot) • CGAS: GRDYMMDD: 9 alphanumeric characters, where - First 3 digits GRD - YYMMDD (the delivery date)
Volume	Trade Volume	<ul style="list-style-type: none"> • CENS: Positive Number up to 3 decimals • CGAS: Positive Integer
Price	Price of Trade	Number up to 2 decimals
Value	Value of Trade	Number up to 6 decimals
Currency	Currency of Trade	"EUR"
Bidding Zone	Bidding Zone	- "1" - "3" - "4" - "NULL"
Market	Electricity Markets	- "DAM" - "CRIDA1" - "CRIDA2" - "CRIDA3"

ENERGY TRADES – CSV OUTPUT FILE		
Field Name	Description	Type
		- “NGTRPL”
Exchange	Exchange Code	“251” for HEnEX’s Electricity Markets & for HEnEX’s NGasTP
Market Date	Date of physical delivery	DD-MMM-YY (where MMM : the 3 first characters of month in capital letters)
Delivery at	Timeslot of physical delivery	<ul style="list-style-type: none"> • CENS: HH00, where HH: hour (00, 01, 0223) and 00: minutes • CGAS: Null
Time zone	Time Zone	<ul style="list-style-type: none"> • CENS: <ul style="list-style-type: none"> - “CEST” (Central European Summer Time) - “CET” (Central European Time) • CGAS: Null
Duration	Delivery Time	<ul style="list-style-type: none"> • CENS: “60” for DAM/IDM • CGAS: Null
Comment	Comments	Text (up to 1000 characters) or null
Trading System Id	Unique Trade ID given by Trading System	Positive Number
Order Type	Type of Order	<ul style="list-style-type: none"> - “PPT” (Priority Price Taking Order) - “HYBR” (Hybrid Order) - “BLOCK” (Block Order) - “Other”

11.2. ENERGY MARKET CASH SETTLEMENT – CSV OUTPUT FILE

ENERGY MARKET CASH SETTLEMENT – CSV OUTPUT FILE		
Field Name	Description	Type
Clearing Member	Clearing Member's Description in the Clearing System	Text (up to 1000 characters)
Clearing Member Code	EMCS Clearing Member Code	10 numerical digits
Clearing System	Clearing System where Clearing Member participates	<ul style="list-style-type: none"> • "CENS" for DAM/IDM • "CBSE" for Balancing Market • "CGAS" for NGasTP
Clearing Account	Clearing Account Code	XXX , where -2 first digits: alphabetic characters -3 rd digit: alphanumeric character
Cl.Account Description	Description of the Clearing Account	Text (up to 1000 characters)
Settlement Date	Settlement Date of the corresponding amounts	DD-MMM-YY (where MMM : the 3 first characters of month in capital letters)
Amount of Credit	Participant's (Clearing Account) Receivable Amount	Positive number up to 2 decimals or 0
Remaining Amount to Credit	Participant's (Clearing Account) Remaining Receivable Amount	Positive number up to 2 decimals or 0
Amount of Debit	Participant's (Clearing Account) Payable Amount	Positive number up to 2 decimals or 0
Remaining Amount to Debit	Participant's (Clearing Account) Remaining Payable Amount	Positive number up to 2 decimals or 0
VAT Credit Amount	Participant's (Clearing Account) VAT Receivable Amount	Positive number up to 2 decimals or 0
Remaining VAT Credit Amount	Participant's (Clearing Account) Remaining VAT Receivable Amount	Positive number up to 2 decimals or 0
VAT Debit Amount	Participant's (Clearing Account) VAT Payable Amount	Positive number up to 2 decimals or 0
Remaining VAT Debit Amount	Participant's (Clearing Account) Remaining VAT Payable Amount	Positive number up to 2 decimals or 0

11.3. FEES ANALYSIS – CSV OUTPUT FILE

FEES ANALYSIS – CSV OUTPUT FILE		
Field Name	Description	Type
Clearing System	The Clearing System that the Clearing Member Participates	<ul style="list-style-type: none"> • “CENS” for DAM & IDM Markets • “CBSE” for Balancing Market • “CGAS” for NGasTP
SSS	EMCS Settlement System Code	<ul style="list-style-type: none"> • “1000” for CENS • “1100” for CBSE • “1600” for CGAS
Clearing Date	The corresponding Clearing Date	DD-MMM-YY (where MMM: the 3 first characters of month in capital letters)
Clearing Member Code	Clearing Member’s Code in the Clearing System	10 numerical digits
Clearing Member Description	Clearing Member’s Description in the Clearing System	Text (up to 1000 characters)
Trading Participant Code	Trading Member’s (Participant’s) Code in the Clearing System	10 numerical digits or N/A
Trading Participant Description	Trading Member’s (Participant’s) Description in the Clearing System	Text (up to 1000 characters) or null
Market	Electricity Markets	- “DAM” - “CRIDA1” - “CRIDA2” - “CRIDA3” - “NGTRPL” - “ANY”
Fee Description	Fee Type	- “Trading Fees” - “Clearing Fees” - “Guarantee Letter Management Fee” - “Clr.Acc. Fee High” - “Clr.Acc. Fee Low” - “Penalties EnExClear” - “Penalties HeNeX” - “Participant Subscription High Rate” - “Participant Subscription Middle Rate” - “Participant Subscription Low Rate” - “OBOT Trading Fees” - “Remit Fees” - “Participant’s Annual Subscription Fees”
Clearing Account	Clearing Account Code	N/A or XXX, where -2 first digits: alphabetic characters -3 rd digit: alphanumeric characters
Net Amount	Fees Amount (not VAT included)	Number up to 2 decimals or 0
VAT	VAT Amount of Fees	Number up to 2 decimals or 0
Amount	Total Amount of Fees (VAT included)	Number up to 2 decimals or 0

11.4. ENERGY REFERENCE PRICES – CSV OUTPUT FILE (Applies only for “CENS”)

ENERGY REFERENCE PRICES – CSV OUTPUT FILE		
Field Name	Description	Type
Delivery Date	Date of physical delivery	DD-MMM-YY (where MMM : the 3 first characters of month in capital letters)
Slot Start	Time Slot of delivery	“HH: MM” where HH : hour (00, 01, 0223) and MM : minutes (00)
DT TP	Type of physical delivery date	- “N” (for working date) - “Y” (for non-working date)
SELL PR DAM	Reference Price for Sell Orders in DAM for the specific delivery date and timeslot	Negative number up to 2 decimals or 0
BUY PR DAM	Reference Price for Buy Orders in DAM for the specific delivery date and timeslot	Positive number up to 2 decimals or 0

11.5. SPOT ENERGY MARKET RISK ANALYSIS – CSV OUTPUT FILE

SPOT ENERGY MARKET RISK ANALYSIS – CSV OUTPUT FILE		
Field Name	Description	Type
Clearing Date	The corresponding Clearing Date	DD/MM/YYYY
Clearing Member Code	Clearing Member's Code in the Clearing System	10 numerical digits
Clearing Member Description	Clearing Member's Description in the Clearing System	Text (up to 1000 characters)
Clearing Sys	Clearing System where Clearing Member participates	"CENS" (for DAM/IDM) "CGAS" (for NGasTP)
Clearing Account	Clearing Account Code	XXX, where -2 first digits: alphabetic characters -3 rd digit: alphanumeric character
Participant Description	Trading Member's (Participant's) Description in the Clearing System	Text (up to 1000 characters)
Margin	Margin requirement calculated by EnExClear for a specific Clearing Account of the Clearing Member and Clearing Space	Number up to 2 decimals or 0
Cash Collateral	Cash Collateral Amount Deposited from Clearing Member for a specific Clearing Account and Clearing Space	Positive Number up to 2 decimals or 0
Letter of Guarantees Total Value	Total Value of Letter of Guarantees Deposited from Clearing Member for a specific Clearing Account and Clearing Space	Positive Number up to 2 decimals or 0
Letter of Guarantees Haircut Value	Haircut Value of Letter of Guarantees Deposited from Clearing Member for a specific Clearing Account and Clearing Space	Positive Number up to 2 decimals or 0
Total Collateral Value	Total Value of Collaterals Deposited from Clearing Member for a specific Clearing Account and Clearing Space	Positive Number up to 2 decimals or 0
Trading Limit	Trading Limit of a Clearing Account for a specific Clearing Space	Positive Number up to 2 decimals or 0
Allocated Trading Limit	Allocated Trading Limit of a Clearing Account for a specific Clearing Space	Positive Number up to 2 decimals or 0
Uncovered Risk	Risk not covered by the deposited collaterals (Cash Collaterals & Letters of Guarantee)	Number up to 2 decimals or 0

11.6. CLEARING ACCOUNTS - SUBACCOUNTS – CSV OUTPUT FILE

CLEARING ACCOUNTS - SUBACCOUNTS – CSV OUTPUT FILE		
Field Name	Description	Type
Clearing Member Code	Clearing Member's Code in the Clearing System	10 numerical digits
Clearing Member DSC	Clearing Member's Description in the Clearing System	Text (up to 1000 characters)
Clearing System	Clearing System where Clearing Member participates	<ul style="list-style-type: none"> • "CENS" for DAM/IDM Markets • "CBSE" for Balancing Market • "CGAS" for NGasTP
Type of CM	Type of Clearing Member (General Clearing Member, Direct Clearing Member)	- "GCM" - "DCM"
Activation Date of Attribute	Activation Date of Clearing Member's Capacity	DD/MM/YYYY
Deactivation Date of Attribute	Deactivation Date of Clearing Member's Capacity	DD/MM/YYYY or null
Incorporation Country CM	The two digit code that indicates the incorporation Country of Clearing Member	XX: alphabetic characters
CM VAT Liable	Indicates if the Clearing Member is VAT Liable or not	- "Yes" - "No"
Participant EMCS Code	Trading Member's (Participant's) Code in the Clearing System	10 numerical digits
Participant DSC	Trading Member's (Participant's) Description in the Clearing System	Text (up to 1000 characters)
EIC	Participant's (Trading Member's) EIC Code	Text (up to 16 characters)
Trading System Member ID	Unique Trading Member's (Participant's) Code in the Trading System	Text (up to 64 characters)
Incorporation Country Participant	The two digit code that indicates the incorporation Country of Trading Member (Participant)	XX: alphabetic characters
Participant VAT Liable	Indicates if the Trading Member (Participant) is VAT Liable or not	- "Yes" - "No"
Clearing Account Code	Clearing Account Code	XXX, where -2 first digits: alphabetic characters -3 rd digit: alphanumeric character
Clearing Account DSC	Description of the Clearing Account	Text (up to 1000 characters)
Clearing Sub Account Code	Clearing Sub Account Code	XXXX, where -2 first digits: alphabetic characters -2 last digits: alphanumeric characters

CLEARING ACCOUNTS - SUBACCOUNTS – CSV OUTPUT FILE		
Field Name	Description	Type
Clearing Sub Account DSC	Description of the Clearing Sub Account	Text (up to 1000 characters)
Activation Date	Activation Date of Clearing Account	DD/MM/YYYY
Deactivation Date	Deactivation Date of Clearing Account	DD/MM/YYYY or null

11.7. CREDIT LIMITS – CSV OUTPUT FILE

CREDIT LIMITS – CSV OUTPUT FILE		
Field Name	Description	Type
Clearing Member	Clearing Member's Code in the Clearing System	10 numerical digits
Clearing Member Description	Clearing Member's Description in the Clearing System	Text (up to 1000 characters)
Clearing System	Clearing System where Clearing Member participates	<ul style="list-style-type: none"> • "CENS" for DAM/IDM Markets • "CGAS" NGasTP
Clearing Account	Clearing Account Code	XXX , where -2 first digits: alphabetic characters -3 rd digit: alphanumeric character
Clearing Account Description	Clearing Account Description	Text (up to 1000 characters)
Clearing Sub Account	Clearing Sub Account Code	XXXX , where -2 first digits: alphabetic characters -2 last digits: alphanumeric character
Clearing Sub Account Description	Clearing Sub Account Description	Text (up to 1000 characters)
Participant	Participant's Code in the Clearing System	10 numerical digits
Participant Description	Trading Member's (Participant's) Description in the Clearing System	Text (up to 1000 characters)
Calculation Date	The Date that the Calculation took place	DD/MM/YYYY
Calculation Time	The Time that the Calculation took place	HH:MM:SS
Clearing Date	The Clearing Date of the calculation	DD/MM/YYYY
Margin	Margin requirement calculated by EnExClear for the Clearing Account for the specific time	Number up to 2 decimals or null
Trading Limit	The Trading Limit calculated by EnExClear for the specific Clearing Account	Number up to 2 decimals
Allocated Trading Limit	The Allocated Trading Limit from the Clearing Member to the specific Clearing Account	Number up to 2 decimals
Used Trading Limit	The Total Used Trading Limit for the Clearing Account at that specific time	Number up to 2 decimals or null
Credit Used By Orders	The Limit used for the Orders entered from the Participant to Trading System at the calculation time	Number up to 2 decimals or null
Credit Used By Trades	The Limit used for the Trades resulted for the Participant to Trading System at the	Number up to 2 decimals or null

CREDIT LIMITS – CSV OUTPUT FILE		
Field Name	Description	Type
	calculation time and not yet been cleared by EnExClear	

11.8. CURRENT CLR.FUND AVG MARGIN CLR ACCOUNT – CSV OUTPUT FILE

CURRENT CLR. FUND AVG MARGIN CLR ACCOUNT – CSV OUTPUT FILE		
Field Name	Description	Type
Date Start	The 1 ST Date of the Reference Period of the Clearing Fund's Calculation	DD/MM/YYYY
Date End	The Last Date of the Reference Period of the Clearing Fund's Calculation	DD/MM/YYYY
Contribution (%)	The Factor Used For the Calculation	XXX: numeric characters
Clearing Member	Clearing Member's Code in the Clearing System	10 numerical digits
Member Abbreviation	The Clearing Member's Abbreviation	Text (up to 1000 characters)
Clearing System	Clearing System where Clearing Member participates	<ul style="list-style-type: none"> • "CENS" for DAM/IDM Markets • "CBSE" for Balancing Market • "CGAS" for NGasTP
Clearing Account	Clearing Account Code	XXX, where -2 first digits: alphabetic characters -3 rd digit: alphanumeric character
Account Abbreviation	Account Abbreviation	Text (up to 1000 characters)
Average Margin	The Average Margin requirement calculated by EnExClear for the specific Clearing Account of the Clearing Member and Clearing Space for the specific period	Number up to 2 decimals or 0

11.9. BALANCING SETTLEMENT INSTRUCTIONS - CSV OUTPUT FILE

BALANCING SETTLEMENT INSTRUCTIONS – CSV OUTPUT FILE		
Field Name	Description	Type
Clearing Date	The Clearing Date of the calculation	DD/MM/YYYY
EIC	Participant's (Trading Member's) EIC Code	Text (up to 16 characters)
Participant	Trading Member's (Participant's) Code in the Clearing System	10 numerical digits
Participant Abr	Participant's EMCS Abbreviation	Text (up to 1000 characters)

BALANCING SETTLEMENT INSTRUCTIONS – CSV OUTPUT FILE		
Field Name	Description	Type
Clearing Account	Clearing Account Code	XXX, where -2 first digits: alphabetic characters -3 rd digit: alphanumeric character
Transaction Value	Value of Trade	Number up to 2 decimals
VAT	VAT For Participant's Settlement Instruction	Number up to 2 decimals
Time Interval Start	Start of the Reference period	DD/MM/YYYY
Time Interval End	End of the Reference period	DD/MM/YYYY
S/N	EMCS Settlement Instruction's S/N	5 numerical digits
Clr. Member	Clearing Member's Code in the Clearing System	10 numerical digits
Clr. Member Abr	Clearing Member's EMCS Abbreviation	Text (up to 1000 characters)
Clearing SubAcc Abr	Sub Account's Description	Text (up to 1000 characters)
Business Type	Settlement Instruction's Business Type	XXX, where - first digit: alphabetic character - 2 nd & 3 rd digit: numeric characters
Business Type Category	Business Type Description	Text (up to 1000 characters)
Determinant	Business Type Description of IPTO	Text (up to 1000 characters) or null
Time Series Mrid	Settlement Instruction's Business Type	Text (up to 1000 characters)
Version Num	Reference Period's Version	Positive Number
Time Interval Start Actual	Reference Period's Start Time	YYYY-MM-DDT23:00Z
Time Interval End Actual	Reference Period's End Time	YYYY-MM-DDT23:00Z
Currency	Currency	EUR