

DAMAS ENERGY

User guide

Transmission Services



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Main project:	Damas Energy
Project:	User guide
Title:	Transmission Services

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2. BASIC SYSTEM CONTROLS

2.1 User login

User login is provided by the User Login UC.

Login steps:

- > Enter the Damas Energy address to your browser(<https://dae.sepsas.sk>)
 - for test purposes use <https://test-dae.sepsas.sk> or <https://test2-dae.sepsas.sk>
- > Provide your login name
- > Provide your password
- > Click Login to confirm

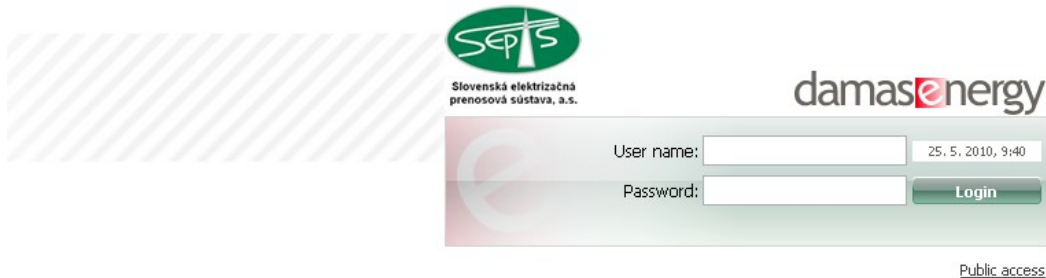


Figure: Damas Energy – user login

2.2 Main screen

When you log in, the main screen appears. The main screen consists of five major sections:

- > Application header
- > Navigation panel
- > News panel
- > Main information area
- > Controls

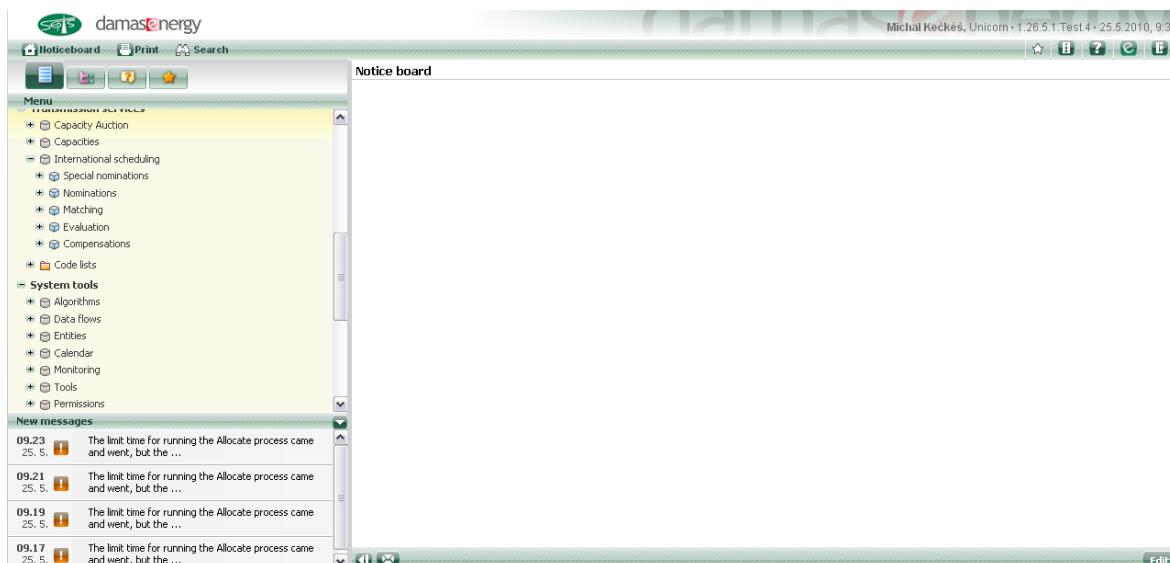


Figure: Damas Energy – main screen

2.2.1 Application header

The application header contains information on the system and on the current user. It also includes the toolbar for navigation to frequently used system functionalities.



Figure: Damas Energy – application header

2.2.2 Navigation panel

The navigation panel is the main application portal, providing several modes of access to the system.

The basic one is user access, with the panel providing access to system functionalities for common users.



Figure: Damas Energy – “user” navigation panel

Another navigation element is “Help”, which provides access to help for various objects within the system.

The help is also accessible through the quick help. The quick help is available at any moment, through the appropriate toolbar button (the graphical symbol of question mark in the application header).



Figure: Damas Energy – “quick help” toolbar

Click the button to have the brief help shown in the main window above the currently displayed functionality.

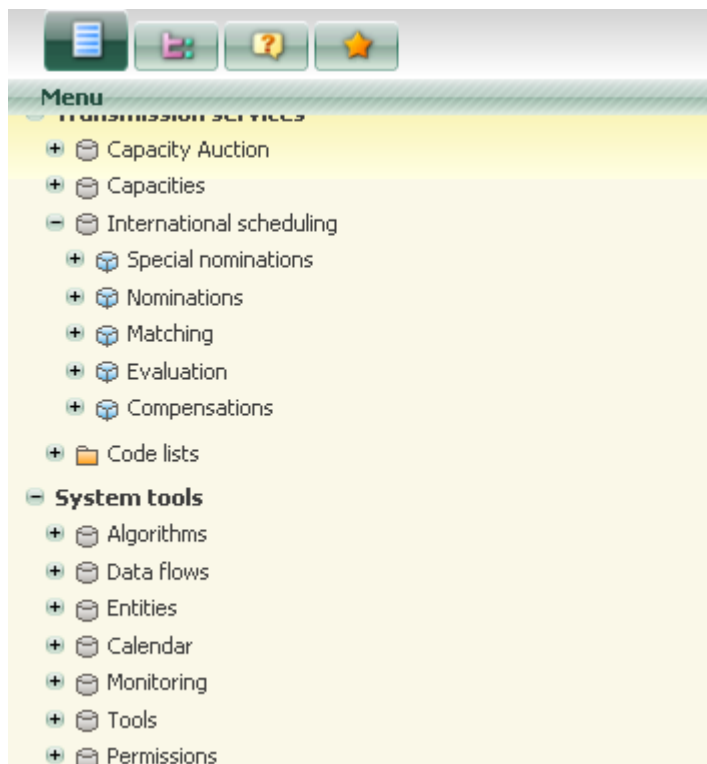


Figure: Damas Energy – navigation panel

2.2.3 News pane

The News pane shows most recent messages, received by the current user in the system. You may switch to the message list to work with a particular message.





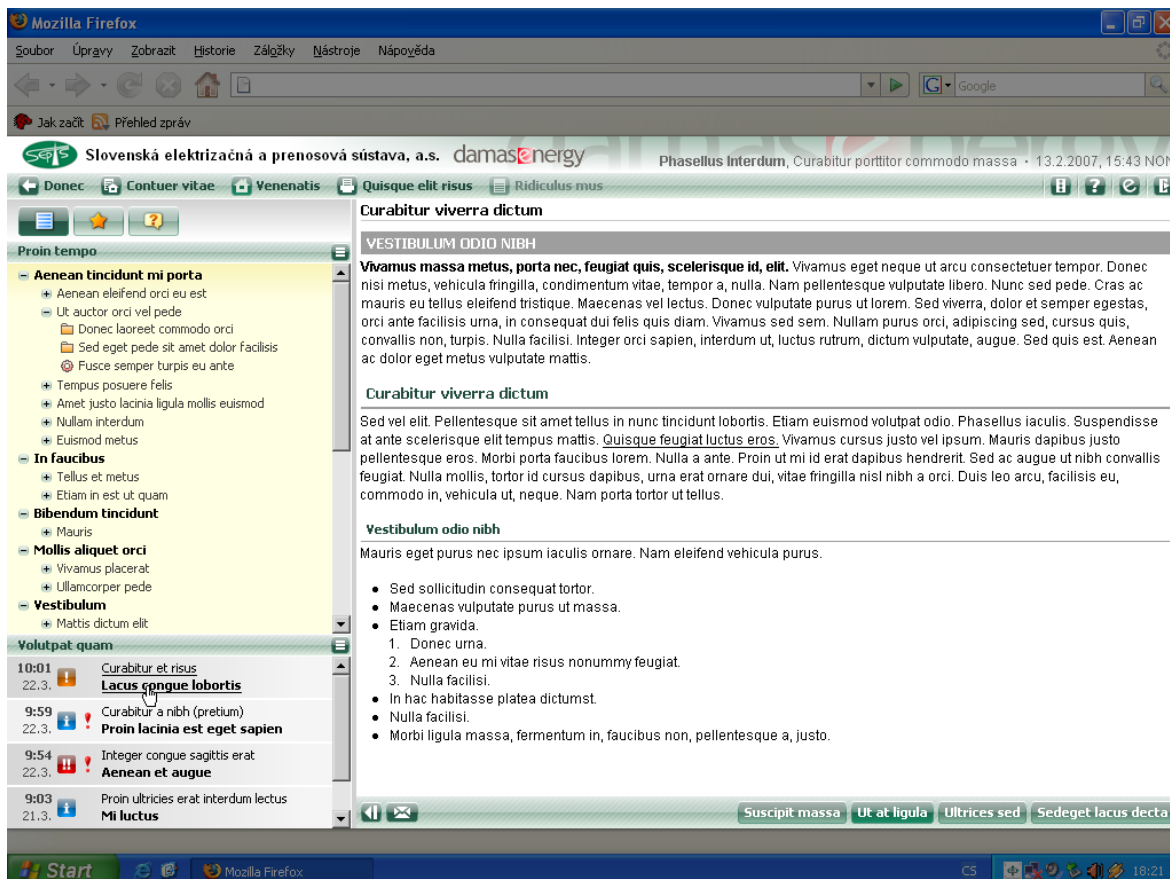
New messages		
09.23 25. 5.		The limit time for running the Allocate process came and went, but the ...
09.21 25. 5.		The limit time for running the Allocate process came and went, but the ...
09.19 25. 5.		The limit time for running the Allocate process came and went, but the ...
09.17 25. 5.		The limit time for running the Allocate process came and went, but the ...

Figure: Damas Energy – News pane

2.2.4 Main information area

The main application pane is the place showing functionalities invoked by your activity. Therefore, when you select a new page, it will always replace the currently shown page. However, only the main pane is refreshed, never the entire page. When you log into the system, the main pane automatically shows your noticeboard. Your noticeboard provides basic system information and recent system status news.



The screenshot displays the Damas Energy web application within a Mozilla Firefox browser window. The interface is divided into several sections:

- Header:** Includes the application logo, name "Slovenská elektrizačná a prenosová sústava, a.s. damasenergy", and a timestamp "13.2.2007, 15:43 NON".
- Sidebar:** Contains a tree view of system components, including "Aenean tincidunt mi porta", "In faucibus", "Bibendum tincidunt", "Mollis aliquet orci", "Vestibulum", and "Voluptat quam".
- Main Content Area:** Displays a noticeboard with various messages and a list of system status items. The messages include "Curabitur viverra dictum", "Vestibulum odio nibh", and "Curabitur viverra dictum". The status items include "Curabitur et risus", "Lacus congue lobortis", "Curabitur a nibh (pretium)", "Proin lacinia est eget sapien", "Integer congue sagittis erat", "Aenean et augue", "Proin ultricies erat interdum lectus", and "Mi luctus".
- Footer:** Includes a "Start" button and a "Mozilla Firefox" label.

Figure: Damas Energy – main information area

2.2.5 Controls

The main pane shows functionalities, as well as associated controls, located at the bottom of the main pane. There are different controls for different system functionality types. However, the main pane always contains hide navigation buttons and the news indication icon used to navigate to the message list.



Figure: Damas Energy – controls

3. TRANSMISSION SERVICES

3.1 Nominations

The International Scheduling module provides the process of nomination submitting on cross-border profiles and their matching with neighboring TSOs.

Capacity rights are obtained from the Capacity module.

3.1.1 Entering/Editing Nominations

Nominations are submitted by market participants as hourly schedules, with some nominated capacity (a non-negative integer) defined for each hour:

A party submits its nominations for a combination of the following values:

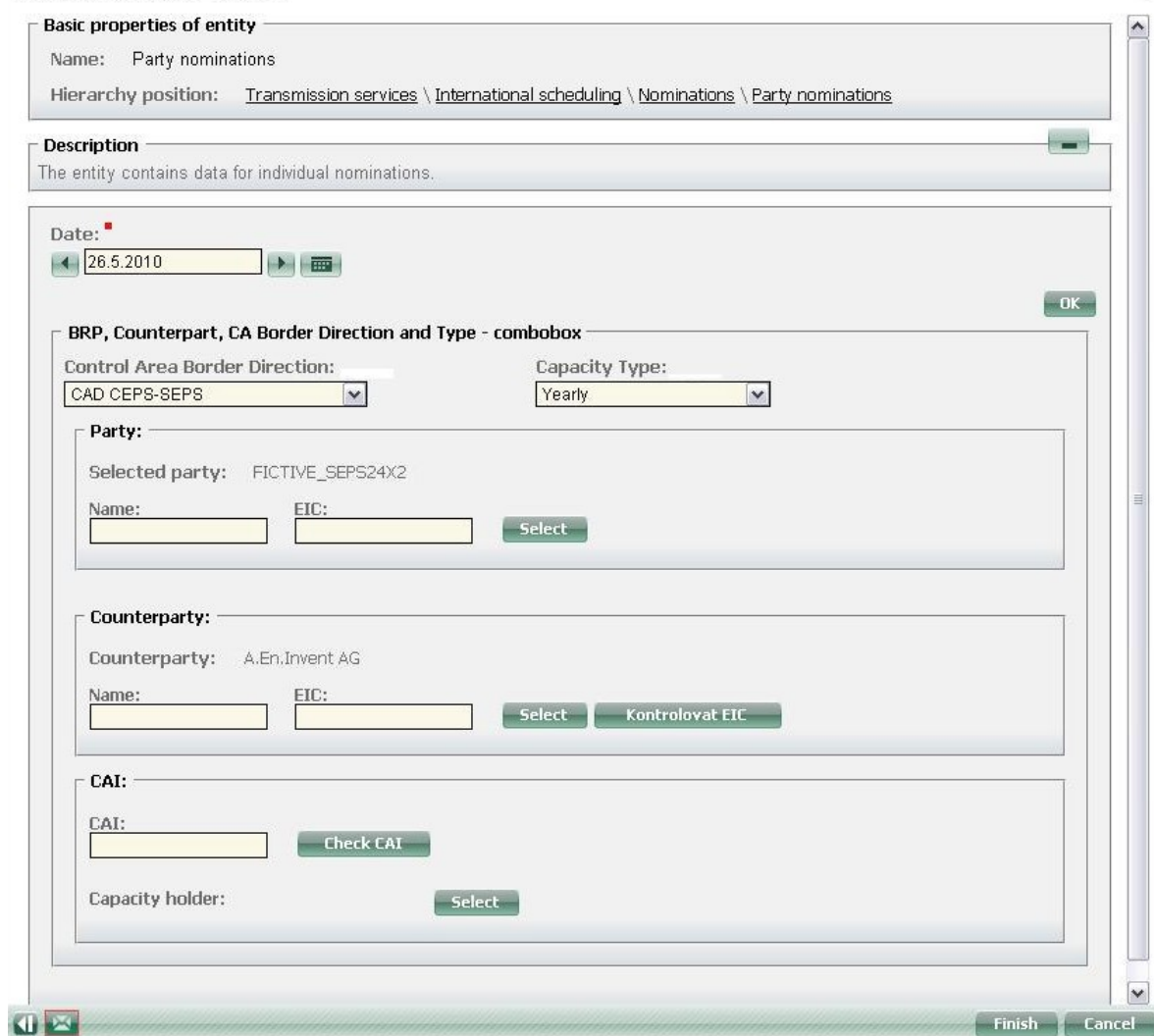
- > Balance responsible party for SEPS's control area (EIC code)
- > Business day
- > Source and target control area (or border direction)
- > Capacity type
- > Counterparty (EIC)
- > Capacity agreement identification

Only one schedule can be submitted for such a combination of values. Use the Party Nominations - Form to enter or edit nominations.

3.1.1.1 Creating nominations

1. In the menu, select: Cross-border transmission services \ International scheduling \ Nominations \ Party nomination \ Party nominations – form.
2. Select Create nomination button.
3. Select Date, Control area border direction and Capacity type.
4. Type Counterparty's EIC and press Check EIC button. If the Counterparty is already registered, it can be selected by the included filter. If it does not exist, it will newly registered in the system.
5. Type Capacity agreement identification and press Check CAI button. The CAI will be selected if it is already in the system or will be newly created and checked afterward.

Create nomination



Basic properties of entity

Name: Party nominations

Hierarchy position: Transmission services \ International scheduling \ Nominations \ Party nominations

Description

The entity contains data for individual nominations.

Date: 26.5.2010

BRP, Counterpart, CA Border Direction and Type - combobox

Control Area Border Direction: CAD CEP8-SEPS

Capacity Type: Yearly

Party:

Selected party: FICTIVE_SEPS24X2

Name: EIC: Select

Counterparty:

Counterparty: A.En.Invent AG

Name: EIC: Select Kontrolovať EIC

CAI:

CAI: Check CAI

Capacity holder: Select

Finish Cancel

Figure: Nomination creation - selection parameters

Založenie nominácie

Základné vlastnosti entity
Názov: Nominácie subjektu
Krátky názov: Nominácie subjektu
Umiestnenie v hierarchii: [Prenosové služby](#) \ [Medzinárodná príprava prevádzky](#) \ [Nominácie](#) \ [Nominácie subjektu](#)

Popis
 Entita obsahuje dáta jednotlivých nominácií.

Dátum:

BRP, Counterpart, CA Border Direction and Type - combobox
Control Area Border Direction:
Capacity Type:

Subjekt
Vybraný subjekt: FICTIVE_SEPS24X1

Protistrana:
Protistrana: FICTIVE_CEPS27X
Meno:
EIC:

CAI:
CAI:

Držiteľ kapacity:

Figure: Nomination creation - selection parameters (slovak)

3.1.1.2 Entering/editing nominations:

1. In the menu, select: Cross-border transmission services \ International scheduling \ Nominations \ Party nomination \ Party nominations – form.
2. Select a date, a border direction, and a capacity type for which you wish to enter/edit your nominations.
3. If any nominations have been already submitted, the list of submitted nominations appears; click a list row to view the corresponding nomination. To edit, proceed to item 7.
4. Click the Create Nomination button to enter a new nomination.

5. Select a date, a border direction, a capacity type, a counterparty and capacity agreement identification and click the Create button to confirm.
6. In the form that appears, enter the nomination power and click the Save button to save your values.
7. To edit an already submitted nomination, you can edit it through the Edit button and proceeding to item 6. Second choice how to edit the nomination is through import from Microsoft Excel document
 - create a template using the Export button (this template can be used multiple times)
 - edit and save data in MS Excel
 - insert data by using the Import button(in edit mode)

Note: You may also click the Create Nomination button on the screen describing the Nominations by Party entity (Cross-border transmission services \ International scheduling \ Nominations \ Party nomination) and the Download / editing nominations view (Cross-border transmission services \ International scheduling \ Nominations \ Party nomination \ Download / editing nominations) to enter a new nomination.

To view and edit nomination values, use the Party nominations/ form:

Party nominations - form

Filters:

Date:

24.5.2010

Party (multi) - CA Border Direction (multi) - Capacity Type (multi)

Auction Participant:

50Hertz

Control Area Border Direction:

CAD SEPS-CEPS
CAD SEPS-MAVIR
CAD MAVIR-SEPS
CAD SEPS-PSEO
CAD PSEO-SEPS
CAD SEPS-WPS
CAD WPS-SEPS

CAD CEPS-SEPS

Capacity Type:

Monthly



Yearly




List:

OK

Figure: Nomination form - selection parameters





Nominácia subjektu - Formulár

Filtre:  

Dátum:  24.5.2010  

Subjet (viacnásobný) - CA Smer hranice (viacnásobný) - Typ kapacity (viacnásobný)





Auction Participant:

FICTIVE_SEPS24X1

Control Area Border Direction:





SEPS-CEPS
SEPS-MAVIR
MAVIR-SEPS
SEPS-PSE
PSE-SEPS
SEPS-WPS
WPS-SEPS
SEPSComp-UCTENorthComp

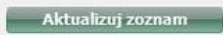
CEPS-SEPS



Capacity Type:

Monthly
Long-term
Daily
Intraday
Total
Balancing energy
Counter trading
Compensations

Yearly

 Aktualizuj zoznam

Zoznam:  



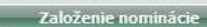
   Založenie nominácie

Figure: Nomination form - selection parameters (slovak)

Party nominations - form





Filters:	Date: 23.5.2010 sk-SK Auction Participant: sk-SK FICTIVE_CEPS27X1	 
List:	Day: 23.05.10 sk-SK Subjekt: sk-SK FICTIVE_SEPS24X1 Counterparty: sk-SK FICTIVE_CEPS27X1 Control area border direction: CAD CEPS-SEPS Capacity type: Yearly cs-CZ : A06 CAG number: 1 sk-SK Stav: Invalid - nomination closed sk-SK Vytvorené: 21. 5. 2010 15:04:49 sk-SK Upraveno: 21. 5. 2010 15:04:49	 

Hour	Specified domestic power
01	
02	
03	
04	
05	
06	
07	
08	
09	
10	
11	
12	
13	
14	
15	
16	
17	
18	
19	
20	
21	
22	
23	
24	
sk-SK Agregácia	

Write mode ☐ Enforce acceptance

Figure: Nomination form – form detail

Nominácia subjektu - Formulár

Filtre:	Dátum: 24.5.2010 Auction Participant: FICTIVE_SEPS24X1 Control Area Border Direction: CEPS-SEPS Capacity Type: Yearly	 
Zoznam:	Deň: 24.05.10 Subjekt: FICTIVE_SEPS24X1 Protistrana: FICTIVE_CEPS27X1 Smer hranice kontrolnej oblasti: CEPS-SEPS Typ kapacity: Yearly CAI: A06 Číslo CAG: 1 Stav: Platná - Nominácia otvorená Vytvorené: 20.5.2010 15:18:16 Upraveno: 20.5.2010 15:18:16	 

Hodina	Výkon domáci zadaný [MW]
01	
02	
03	
04	
05	
06	
07	
08	
09	
10	
11	
12	
13	
14	
15	
16	
17	
18	
19	
20	
21	
22	
23	
24	
Agregácia	

Režim na čítanie





Založenie nominácie
Nastavenia
Obnoviť
Exportovať
Editovať

Figure: Nomination form – form detail (slovak)

3.1.1.3 Uploading XML



To upload XML with nominations use System Tools/Time series/Insert data from file. Find the file in your computer and press Send button.

Insert data from file

Parameters

File path for import of time series values:

...



Send

Figure: Upload XML – Insert data form file

Vloženie dát zo súboru

Parametre

Cesta k súboru pre import hodnôt časových radov:

Figure: Upload XML – Insert data form file (slovak)

The file is processed asynchronously a the result of business validation process will appear in the news pane.

4. GLOSSARY

Term Slovak	Term English	Abbreviation	Description
Damas Energy	Damas Energy	DaE	TSO's electronic portal.
Časová dimenzia	Time dimension		The attribute representing the time dimension of a certain object, usually an entity or a time series.
Časový rad	Time series	TS	A chronologically ordered sequence of values of the same type.
Číselník	Register		An object containing structured information on specific objects in the real world (such as the power plant register) or abstract objects (such as the register of system language mutations). In comparison to other system parts, registers are rather static.
Dátový tok	Data flow		A process or a set of processes providing transmission of defined data between two systems using a defined interface.
Dátový typ	Data type		The attribute restricting the type of values which can be stored in the object (usually in a time series). An example of the data type is numeric or text.
Dimenzia	Dimension		The attribute representing a dimension of a certain object, usually an entity, a time series, or a set.
Entita	Entity		An object with a certain business meaning in the Damas Energy system. An example of an entity might be the demand for ancillary services: it is an object including certain properties (such as status: published/not published) or data (power demand for various ancillary services). An entity might be either basic or non-basic.
Inštancia	Instance		An object with provided attribute values or typically populated with specific contents. An instance is based on a definition.
Komponent	Component		A subset of a module, containing time series, entities, forms, etc.; DaE examples: Daily Operation Schedule, Weekly Operation Schedule, Intraday Operation Schedule...
Modul	Module		A subset of a subsystem, containing components; DaE examples: Day Ahead Market, Operation Schedule...
Odvođený časový rad	Derived time series	TS_DERIVED	A "formula-based time series." Values of such time series are calculated using a defined formula.
Ordinálne číslo	Ordinal number	ORD	A number that is a part of a sequence of natural numbers.
Položka	Item		A record in a register corresponding

			with a single object in the real world or a single abstract object (see also Register).
Primárny časový rad	Primary time series	TS_PRIMARY	Values of such time series are entered by a user or through another input (e.g. from another system).
Proces	Process		The process is an operation or an operation sequence, performed by the system on entities according to pre-defined rules. An example of a process is execution (launch) of the calculation algorithm, data transmission from/to an external system, or just a change to the entity status (opening or closing the data entering by users, e.g. a bid submission deadline for the ancillary service day ahead market).
Rola	Role		The position of a worker within a work process with defined responsibilities and powers. The role is a means for ensuring user interchangeability, with permissions bound to roles rather than to specific users.
Semafor	Semaphore		In the DaE context, this is a use case providing an overview of statuses within the system.
Súbor časových radov	Set of time series		An object including time series which should be processed together by some visual or non-visual use case.
Stav	State		A characteristic of objects, such as entities, processes, or items.
Stav entity	Entity state		A basic characteristic of the entity. The entity state implies what operations could be performed on the entity at the moment (e.g. whether you may modify time series data in the entity etc.) and what processes might be run on the entity at the moment.
Stav procesu (fáza)	Process state		Each process has its potential workflow defined, determining the states through which a process instance might move. The flow of states the same for all processes within the system.
Subsystem	Subsystem		A subset of the system, containing modules; DaE examples: ancillary services, transmission services...
Systemový časový rad	System time series	TS_SYS	A time series created in the course of the implementation.
Validácia	Validation		The verification process; e.g. when time series values are saved, the validation finds out whether the values match specified criteria.
Vecná dimenzia	Subject dimension		An attribute representing a business dimension of a certain object, usually an entity or a time series.



