



**conexus**  
B A L T I C   G R I D

# **CLIENT PORTAL**

## **ROADMAP - 2019**

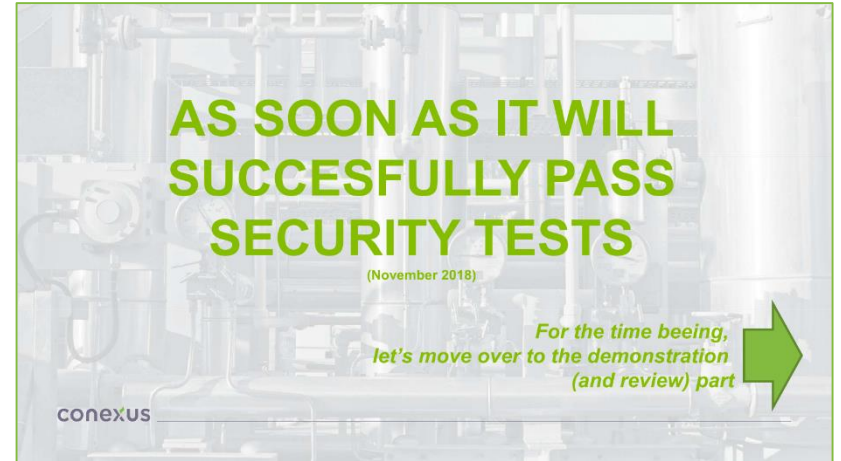
# Current situation

## LAST MEETING:

- ✔ We finished our last presentation with this slide:

## TODAY:

- ✔ The portal is available for network users from 01.02.2019.;
- ✔ First successful connections to the portal



The road to production environment for us have been more challenging than expected.

## Main portal characteristics

- ✔ Two-factor authentication for portal users (password+certificate);
- ✔ Possible multiple user accounts per network user  
(after first step user rights segregated only on network user level);
- ✔ One home page – four screens (with focus on current gas day);
- ✔ Initially five detailed screens with transmission data,  
two with storage data;
- ✔ Bilingual interface (Latvian/English);
- ✔ Measurement units switch  
(kWh/MWh/GWh – with exclusions);
- ✔ Flexible period selection (where reasonable);
- ✔ AJAX design with dynamic graph and bar selection,  
automatic scaling, tooltips.

# Available data in the portal. (1st step)

## Network users can view their:

- Balance positions;
- Booked capacities by products;
- Nominations;
- Allocations;
- Storage overview.

## Data update interval:

- up to 2 minutes

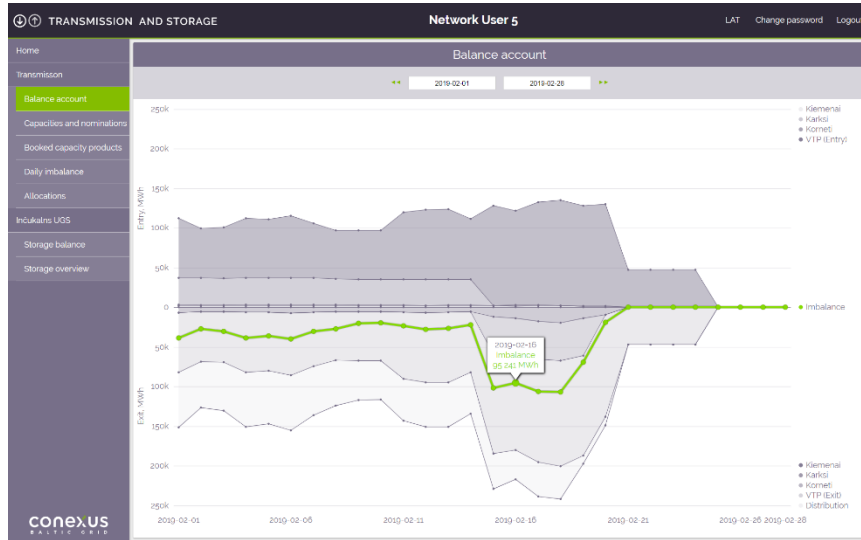
## Data update interval:

- up to 2 minutes

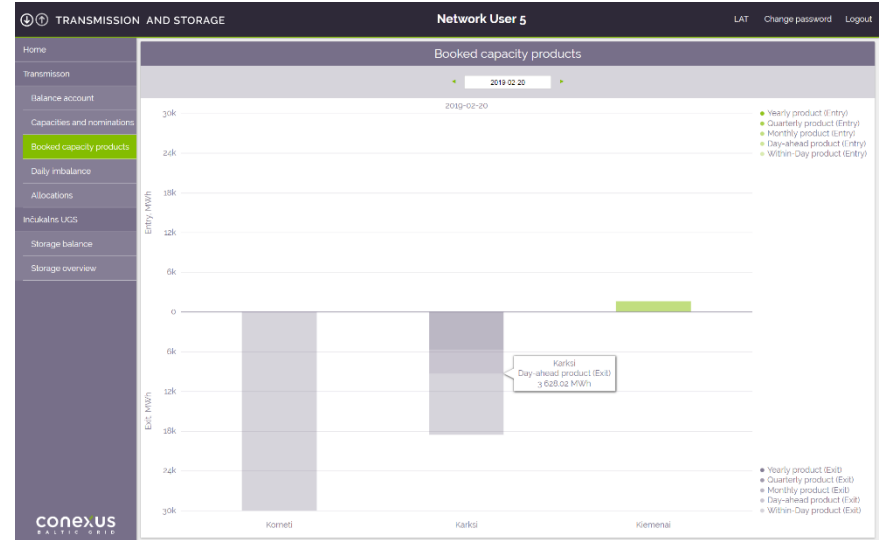


Home screen.

# Screenshots

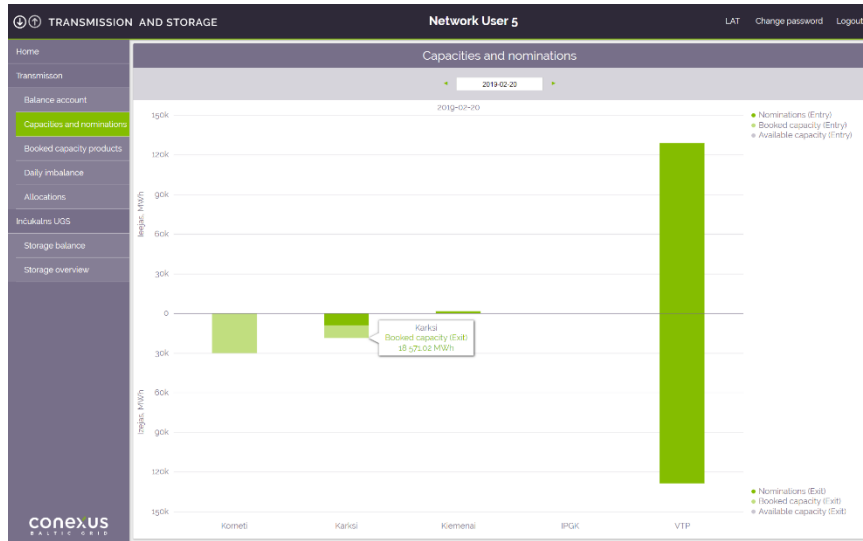


Balancing screen.



Capacity screen.

# Screenshots. Continued



Nominations screen.

TRANSMISSION AND STORAGE Network User 5 LAT Change password Logout

Home

Transmission

Balance account

Capacities and nominations

Booked capacity products

Daily imbalance

Allocations

Inčukalna UGS

Storage balance

Storage overview

2019-02-01 2019-02-20

Storage overview

GWh MWh kWh

Date	BCP Booked, MWh	BCP Storage, MWh	MP Booked, MWh	MP Storage, MWh	Fuel Gas
2019-02-02	3 203 865	4 814 679	10 240 163	7 636 172	-8 300
2019-02-03	3 203 865	4 793 223	10 240 163	7 589 572	46 000
2019-02-04	3 203 865	4 774 484	10 240 163	7 529 572	-60 000
2019-02-05	3 203 865	4 762 067	10 240 163	7 468 572	-41 000
2019-02-06	3 203 865	4 746 591	10 240 163	7 402 172	-66 000
2019-02-07	3 203 865	4 740 492	10 240 163	7 345 172	-37 000
2019-02-08	3 203 865	4 738 283	10 240 163	7 295 172	-50 000
2019-02-09	3 203 865	4 744 190	10 240 163	7 246 738	-82 000
2019-02-10	3 203 865	4 751 697	10 240 163	7 198 338	-48 000
2019-02-11	3 203 865	4 757 507	10 240 163	7 150 972	-54 695
2019-02-12	3 203 865	4 763 547	10 240 163	7 103 642	-61 300
2019-02-13	3 203 865	4 769 819	10 240 163	7 056 342	-67 905
2019-02-14	3 203 865	4 776 324	10 240 163	7 009 072	-74 510
2019-02-15	3 203 865	4 783 062	10 240 163	6 961 832	-81 115
2019-02-16	3 203 865	4 789 934	10 240 163	6 914 622	-87 720
2019-02-17	3 203 865	4 797 041	10 240 163	6 867 442	-94 325
2019-02-18	3 203 865	4 804 383	10 240 163	6 820 292	-100 930
2019-02-19	3 203 865	4 811 960	10 240 163	6 773 172	-107 535
2019-02-20	3 203 865	4 819 772	10 240 163	6 726 092	-114 140
Total	0	+18 802 271	+27 949 702	+27 949 702	

CONEXUS  
RALTIC GRID

UGS (Storage) screen.

## Roadmap for 2019. (2nd step)

Project current development stopped until common balancing zone with Estonia.

### Maintenance requests:

- ◆ Additional UGS capacity products;
- ◆ Nominations to exit with DSO;
- ◆ ... requests from network users.

### Additional authentication methods:

- ◆ Smart ID under initial evaluation.

### Support for current portal users:

- ◆ Issues with two-factor authentication.

# QUESTIONS?



Jānis Vilims, head of IT division, [janis.vilims@conexus.lv](mailto:janis.vilims@conexus.lv), (+371) 67087987

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