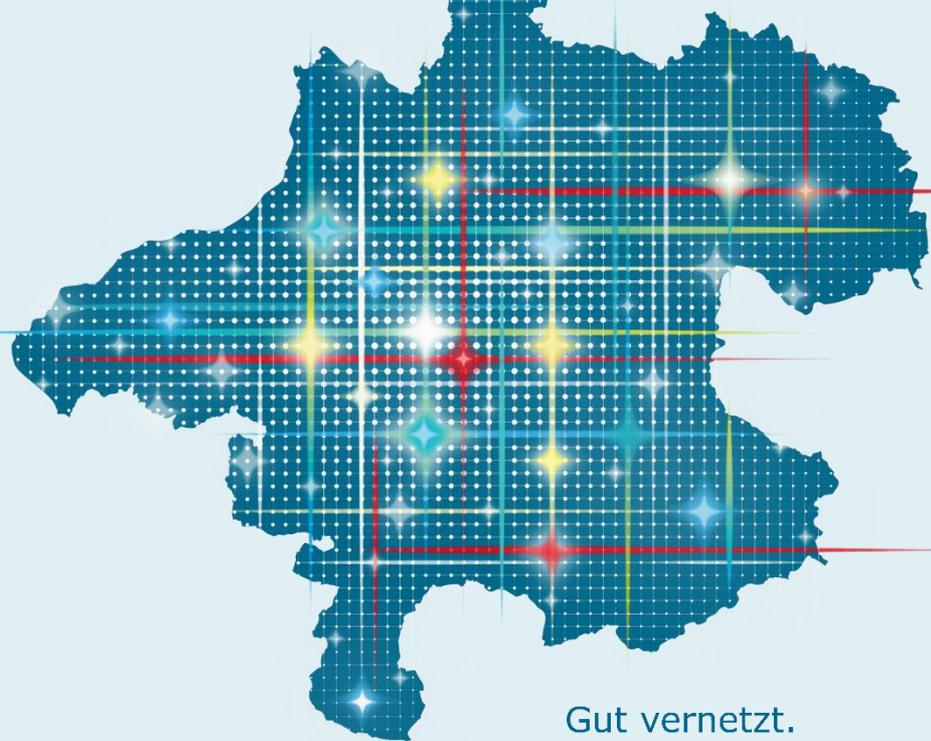


# Digital Customer Interface Austria

OpenADR 3.1



Gut vernetzt.  
**Bestens versorgt.**

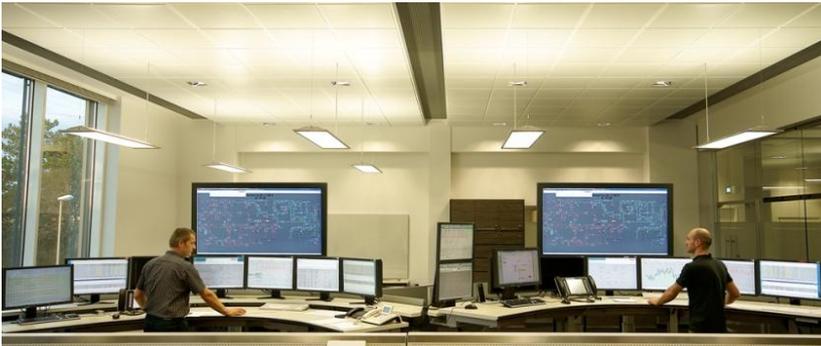
Leo Fiedler – Department Grid Control

04.03.2026

**NETZÖÖ**  
Ein Unternehmen der Energie AG

# Netz Oberösterreich GmbH

- Combined Grid Operator Electricity + Natural Gas
- 700 employees
- 650.000 Metering Points Electricity
- 65.000 Metering Points Natural Gas
- Power Grid 33.000 km
- Gas Grid 5.600 km
- Turnover 570 MEUR



# New regulations by law

## ○ EIWG § 76

- (1) Operators of new and significantly modified power generation plants with a grid-connected capacity of 3.68 kW or more shall be obliged to equip their plants with a **technical device for controllability** from **1 June 2026**. The **technical device** must have a **standardised interface**, to be defined in more detail in the technical and organisational rules for grid operators and users. The costs of equipping the plant with a technical device for controllability shall be borne by the operator.
- (2) The **grid operator** shall ensure the **operational controllability** of the installations in accordance with paragraph 1 by no later than
  - 1. 1 June 2028 for electricity generation installations with a grid-connected capacity of more than 25 kW,
  - 2. 1 June 2029 for electricity generation installations with a grid-connected capacity of more than 3.68 kW up to and including 25 kW, and
  - 3. 1 January 2030 for power generation plants with a grid-connected capacity of more than 0.8 kW up to and including 3.68 kW at the request of the plant operator, provided that these are equipped with a technical device for controllability within the meaning of this provision.

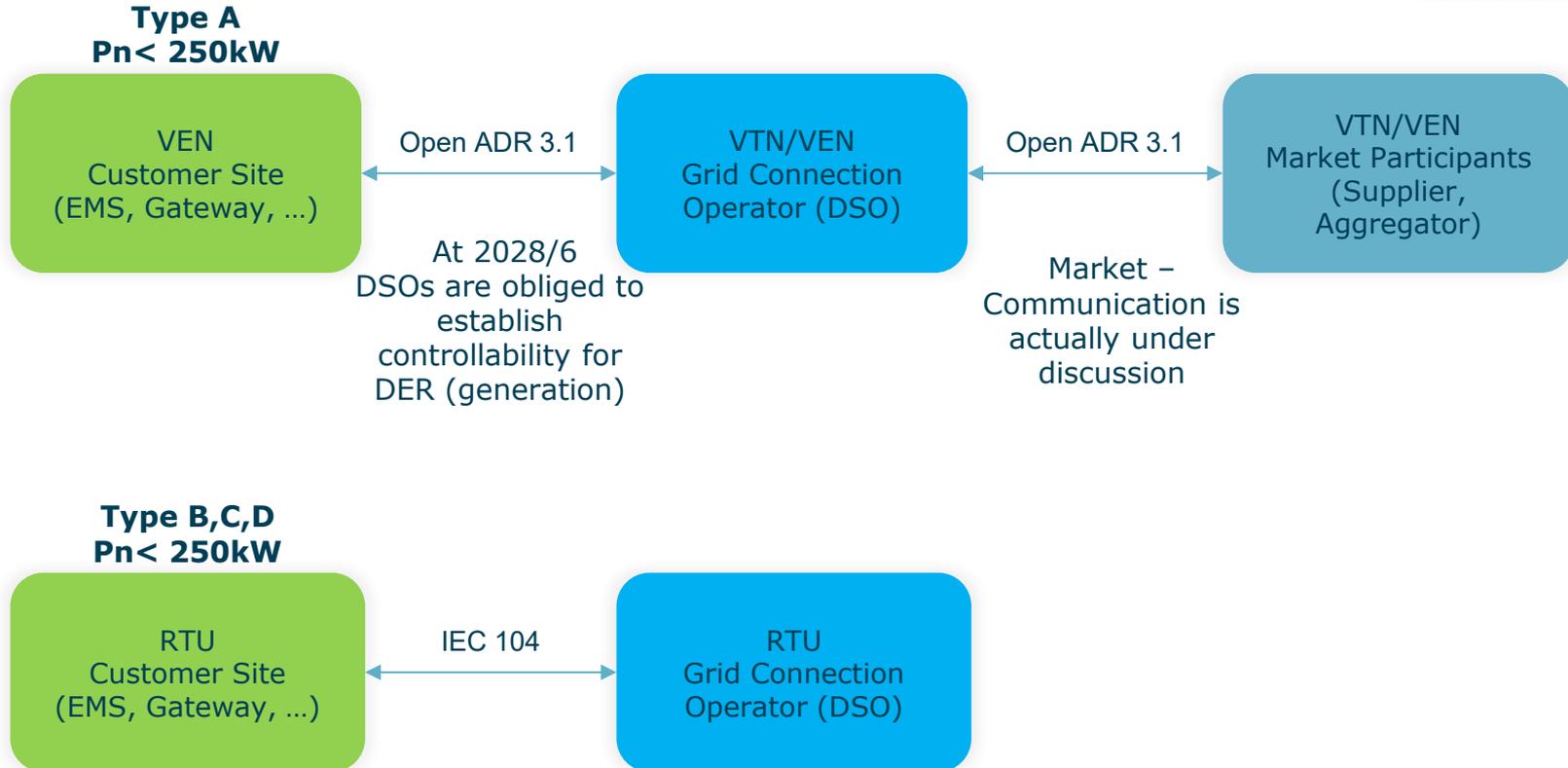
## EIWG § 103

- (1) In the event of a **new grid connection** for a **feed-in** grid user or a change in the grid-connected power for a feed-in grid user, it **may be contractually stipulated** that the distribution grid operator shall **specify the maximum grid-connected power statically or dynamically** due to insufficient grid capacity. At the **request of operators of generation, consumption and energy storage facilities**, a **static or dynamic specification of the grid-connected power** may also be agreed upon in a permanent contract for these facilities.
- Technical Rules based on RfG, DCC

# Objectives

- Dynamic export limits for DER (grid connection point)
- Flexible ( Grid Connections (grid connection point)
- Dynamic Operation envelopes für customer installations
- Optional - communication between market and customer sites
- Measurements from customer installations

# SW - Architecture





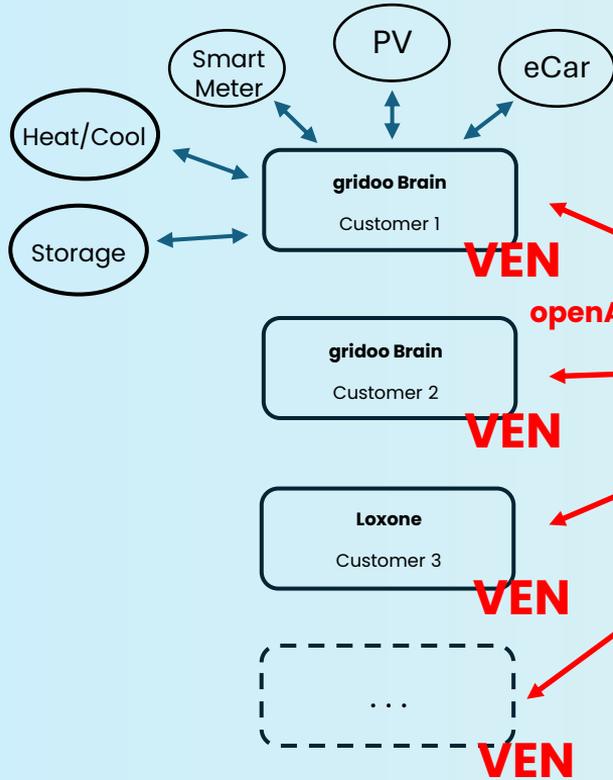
**NETZÖÖ**  
Ein Unternehmen der Energie AG

&

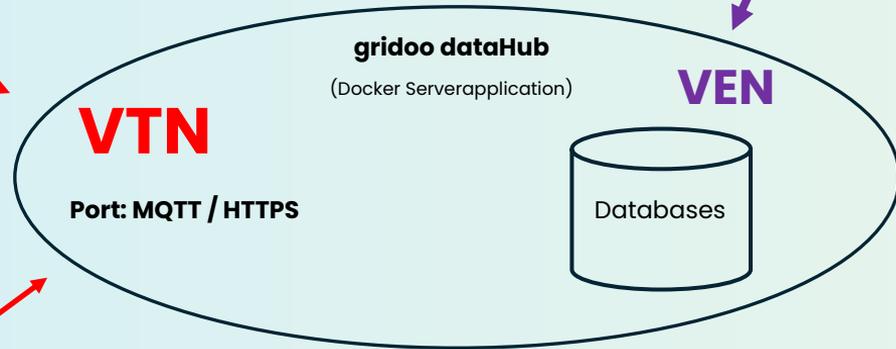
**gridoo**   
Accelerating Energy Transition

**LOXONE**

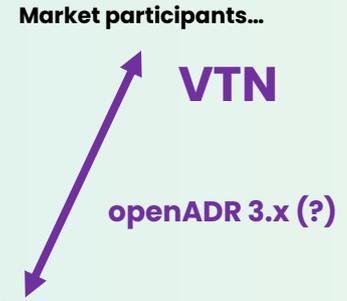
## Customers



## System Operator



## Market



Architecture scaling up to 100.000++

control.dev.gridoo.com

gridoo  
Enabling Energy Transition

DSS

- Anlagen
- Gruppen

Anlagen

Areas suchen...

+ DSS Befehl senden

Konfigurierte Areas

Area ID ↑↓	Name ↑↓	DSS ↑↓	DSS Installation ID ↑↓	Online ↑↓	DSS Limit ↑↓
263	Karldorf	✓ MQTT	30121	-	FALLBACK ↑ 10 kW ↓ 10 kW
274	Wienerdorf	✓ MQTT	30143	✓	BASE ↑ 16 kW ↓ 16 kW
280	Village Brain	✓ MQTT	30111	✓	BASE ↑ 16 kW ↓ 16 kW
304	Sophiengut	✓ MQTT	30200	-	FALLBACK ↑ 5 kW ↓ 5 kW
310	Sandnerstrasse	✓ MQTT	30269	✓	PREVENTIVE ↑ 10 kW ↓ 10 kW
311	Gertrudeweg	✓ MQTT	30277	✓	BASE ↑ 16 kW ↓ 16 kW
312	Fröhlichstrasse	✓ MQTT	30276	✓	BASE ↑ 16 kW ↓ 16 kW
313	Reitweg	✓ MQTT	30271	✓	CURATIVE ↑ 3 kW
314	Traunkirchen	✓ MQTT	30266	✓	BASE ↑ 16 kW ↓ 16 kW

1 bis 9 von 9 Areas << < 1 > >> 30

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# Overview

DSS

Anlagen

Gruppen

Areas suchen...



+ DSS Befehl senden

Konfigurierte Areas

Area ID ↑↓	Name ↑↓	DSS ↑↓	DSS Installation ID ↑↓	Online ↑↓	DSS Limit ↑↓
263	Karldorf	✓ MQTT	30121	-	FALLBACK ↑ 10 kW ↓ 10 kW
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304	Sophiengut	✓ MQTT	30200	✓	BASE ↑ 16 kW ↓ 16 kW
310	Sandnerstrasse	✓ MQTT	30269	✓	BASE ↑ 16 kW ↓ 16 kW

Area Details

- Area ID: 310
- Name: Sandnerstrasse

DSS Gruppen

- Alle\_Inverter
- Alle\_Wallbox
- Trafo\_Gmunden

+ zu Gruppe hinzufügen

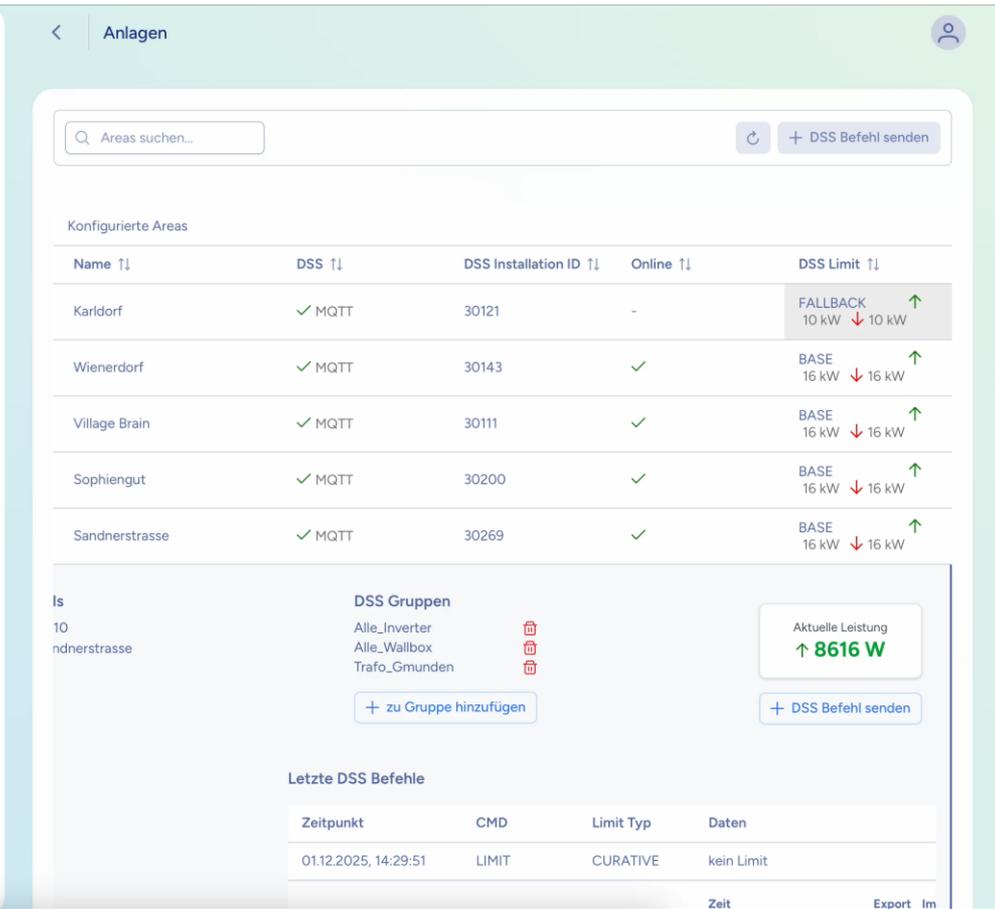
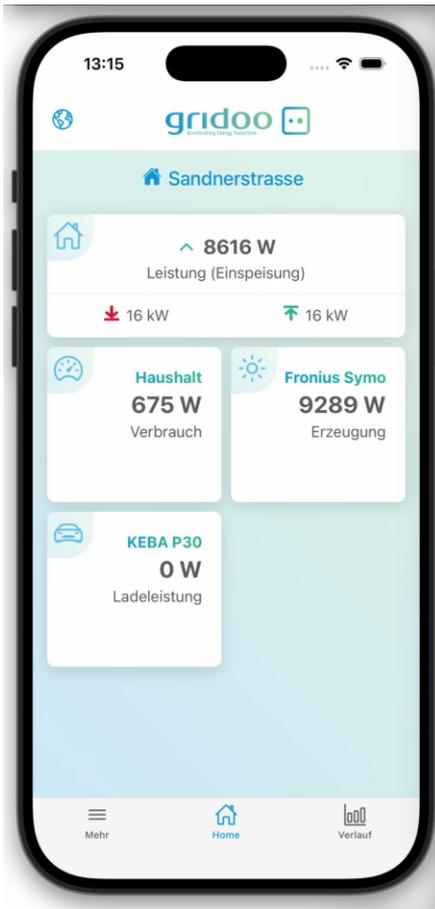
Aktuelle Leistung  
↑ 8644 W

+ DSS Befehl senden

Letzte DSS Befehle

Zeitpunkt	CMD	Limit Typ	Daten	
			Zeit	Export Import
01.12.2025, 11:46:06	LIMIT	PREVENTIVE	01.12.2025 11:00-12:00	↑ 3 kW -
			01.12.2025 12:00-13:00	↑ 5 kW -
			01.12.2025 13:00-14:00	↑ 10 kW -
01.12.2025, 11:44:56	LIMIT	CURATIVE	kein Limit	

Video: curative



Video: preventive

# Next Steps

- Standardizing OpenADR 3.1 for Austrian Use Cases
- Finishing of the architecture
- Market – Grid Operator – Customer Communication
- Regulatory requirements