

The Great Energy Race

*Why the Energy Transition Is
Really an Infrastructure Race*

Grid Edge Computing Technology
Unlocking Grid Bottlenecks In Real Time



New Power capacity to overcome Grid Capacity limits

RE 86% New Global Power 2025



2500 GW in grid queues 3-5 years

Ai DC Power Demand



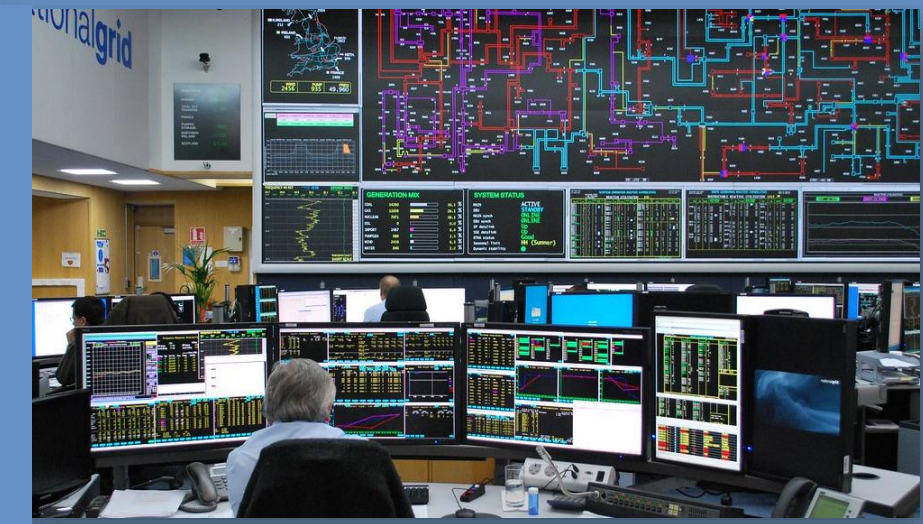
20 GW Renewable Energy Curtailed (US)

Aging Grid Infrastructure



\$100 B lost Revenues Renewable Energy

Legacy Control Systems



**Increasing Grid collapse events
Iberian Grid €2B damage**



**We transform
Grid Edge data
into IRR
for IPPs and DSOs**





Deep Tech Bottom-Up Edge Computing Vs Traditional Top-Down Grid controls

Grid Edge Data



Solar
PV



Wind



Battery
Storage



DC
chargers



Sub Second Data Analytics



Deep Electrical Physics
Algorithms IP protected



Continually improving
models



Real time Digital Twin



Real Time Value for IPPs & DSOs

Available Hosting Capacity

Critical Grid Stability parameters

Dynamic Line Rating



Our IP - Continually updating Grid State Estimation at the Grid Edge

Grid+
OPTIMIZING GRID'S VALUE

Network Topology

Finance

SUB-STATIONS

- > SS1-1
- > SS1-2
- > SS1-3
- > SS1-4
- > **SS2-1**
- > SS2-2
- > SS2-3
- > SS2-4
- > SS3-1
- > SS3-2
- > SS3-3
- > SS4-1
- > SS4-2
- > SS4-3

SYSTEM HEALTH



88% Operational Efficiency

Grid+ Dashboard

Network / SS 2-1 / Distribution Line 1

← Sub Station: SS 2-1, Distribution Line 1 - Analysis

Grid+ Mapping



Start Mapping

Substation
SS 2-1

Plan of: Distribution Line 1

Substation
SS 2-1

Energy Asset
21-F

400m

Energy Asset
21-J

620m

520m

Energy Asset
21-K

Source: Israel Electric Corporation



Best-in-Class Edge Observability for Unlocking Hosting Capacity



No Utility or Public Data
needed



No New Sensors



Immediate
IRR increase



Strong Technology Moat

Company	Planning Real time	Enterprise Edge	Hosting Capacity	Grid Observability	DER / Flexibility
GridPlus Solutions	7.5	9.0	5.0	4.5	3.5
Online	6.5	6.5	4.0	5.0	2.5
GridEdge	6.5	9.5	1.0	3.5	1.5
Envelio	4.5	7.5	4.5	4.0	3.0
GridBeats by GE Vernova	8.5	2.5	2.5	4.0	4.0
Reactive Technologies	8.5	4.5	3.0	5.0	1.5
Splight	9.0	3.5	4.0	3.5	4.5
Landis+Gyr	7.5	8.5	3.0	4.5	3.5
gridX.ai	7.5	9.5	2.5	3.0	4.5
Greenbird	2.0	1.5	1.5	2.0	1.0



Huge Value for **Renewable & Distributed asset owners** [First Movers]



VALUE

- ✓ 20%-40% Dynamic Hosting Capacity increase
- ✓ 15 M \$ Lifetime revenue increase for 100 MW PV
- ✓ Faster access to the grid

BUSINESS MODEL

- ✓ SaaS/DaaS Model per site/Enterprise
- ✓ \$1000-3000 per MW per annum
- ✓ Extra charge -Planning tools ,grid analytics



Huge value for **Grid Operators**

VALUE

- ✓ 20%-40% Dynamic Hosting Capacity increase
- ✓ \$50-150M Grid upgrades savings per 100 Feeders
- ✓ \$120-350M Connection Fees increase per 1000 MW
- ✓ Reducing real-time stability & blackouts risks

BUSINESS MODEL

- ✓ SaaS/DaaS Model per Feeder/Region /Enterprise
- ✓ Charge \$ 1-2 M per 100 Feeders per annum
- ✓ Extra charge - Data analytics, grid faults, planning





Global Market Size is increasing rapidly

\$700B - Grid Digitization investment need

\$470B Annual Grid Investments

\$300B Smart Grid Technologies

\$30B Grid Software

**M&A and Corporate Funding
for Smart Grid Companies**

\$3.3B

**VC funding
\$1.8B in 68 deals**

(2025)



leadership, a proven track record in **pioneering energy companies.**

Co Founder COO



Yarden Ytzhaki

DORAL

Co Founder CEO



Tal Mund



Co Founder CTO



Gad Hareli



CSC



Prof. Tirza Rottenberg



Join  transformational journey

Confidential

**The Time
is Now**

- ✓ Unique Leadership
- ✓ Patent-Unique MOAT
- ✓ 2 design partners
- ✓ DSO / TSO interest
- ✓ \$250 K MOE grant
- ✓ TTM 15-18 Months
- ✓ Raising \$2M