UPISC UNIVERSITY OF PITTSBURGH INFRASTRUCTURE SENSING

COLLABORATION WORKSHOP

NATIONAL ENERGY TECHNOLOGY LABORATORY

DLC DUQUESNE LIGHT CO.

Enabling Our Region's Clean Energy Future

Our vision is a larger than light clean energy future for all: delivering exceptional results today and boldly harnessing opportunities for tomorrow.

2023 Environmental Social Governance Report

2023 DLC OVERVIEW

1,700+
Employees

>600K
Customers

90%
Residential
Customer count

>8,000
Miles
Transmission and distribution lines

$1.8M
Charitable Giving

812
Square Miles
Service territory in Allegheny and Beaver counties

345
Substations
Including company- and customer-owned

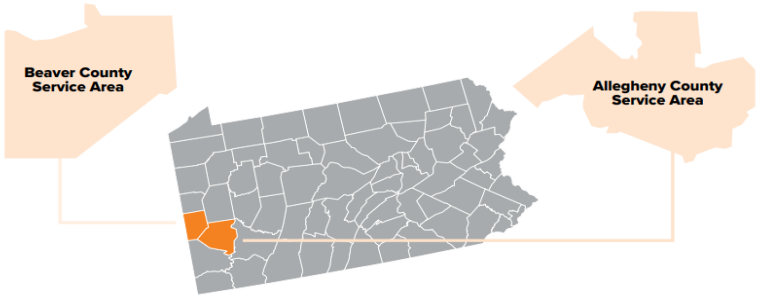
200+
EV charging ports incented by DLC

$1.2B
Total Revenue

$4.6B
Total Assets

$3.2B
Rate Base

Our Service Territory



Grid Modernization Vision

We will obtain full situational awareness and control at the edge of the grid to provide resilient and responsive service to our customers

DLC DUQUESNE LIGHT CO.

DLC Grid Modernization

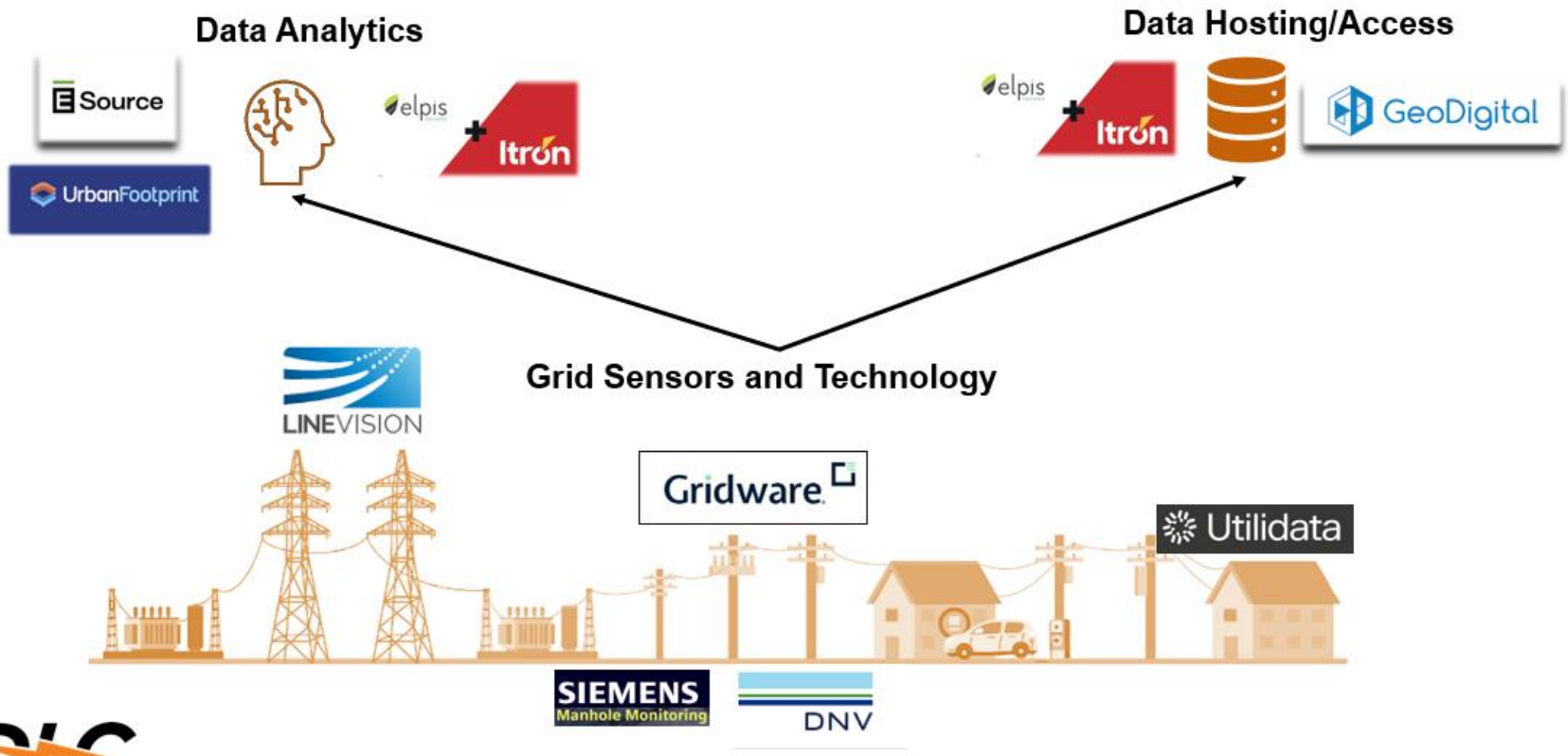
Grid Infrastructure Investment

- 4KV Conversion to 23KV (BEE)
- Infrastructure Replacement – Poles, Transformers, Cable, Breakers
- New Substations
- Communications, Grid Sensors, AMI 2.0
- Battery Energy Storage Systems (BESS)

Grid Software Investment

- Graphic Design Tool (GDT)
- Connectivity Model – New GIS
- Outage Management System (OMS)
- SCADA Upgrades
- Distribution Mgmt. System (DMS)/Distributed Energy Resource Mgmt. System (DERMS)

Grid Sensors and Data



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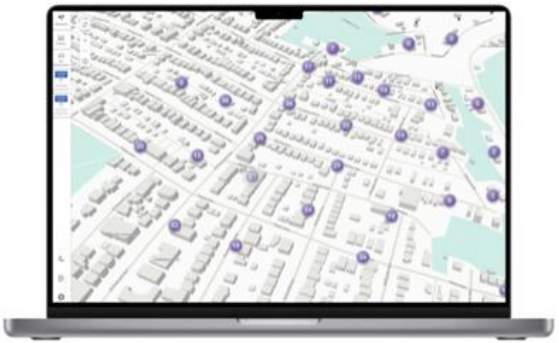
GRIP Round 1 (Grid Visibility Program): SGC/DLR Info

Utilidata

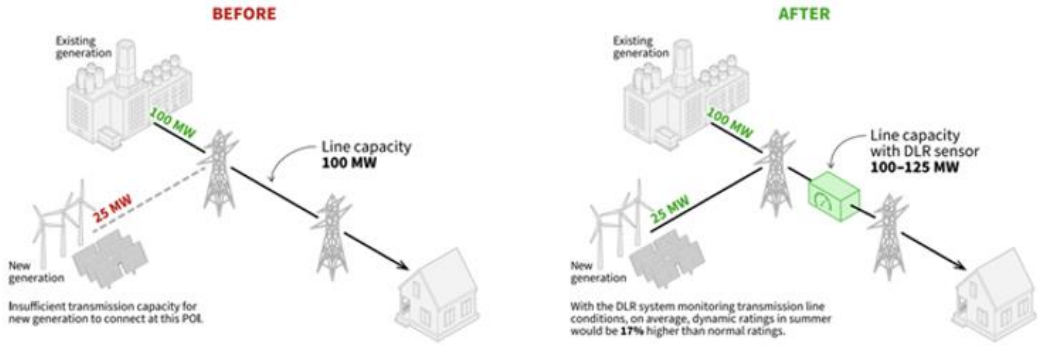
Meet Karman



The distributed AI platform, powered by a custom NVIDIA module, designed to anticipate and solve real-time challenges at the edge of the electric grid.

LINEVISION

Exhibit 2 **Stylized example of how DLRs can be applied to enable new generator interconnection**



Note: Not to scale.
RMI Graphic. Source: RMI