



Russell Profaizer is the Managing Director of Field Operations at Duquesne Light Company (DLC), where he leads the utility's field operations to ensure the safe and reliable delivery of power across the region. Russell has 17 years of utility industry experience. He has proven himself a transformative leader with a robust background overseeing critical safety and training initiatives, leading collective bargaining, grant funding opportunities, and grid modernization efforts. Previously, he held key roles at DLC, including Director of Advanced Grid Systems and Grid Modernization, Director of Special Projects, and Director of Asset Management/Engineering

UPIISC

UNIVERSITY OF PITTSBURGH
INFRASTRUCTURE SENSING

COLLABORATION WORKSHOP



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

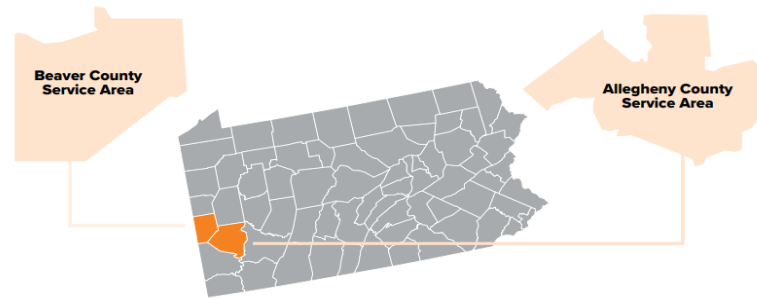

200+
EV charging ports
incited by DLC


\$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 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)

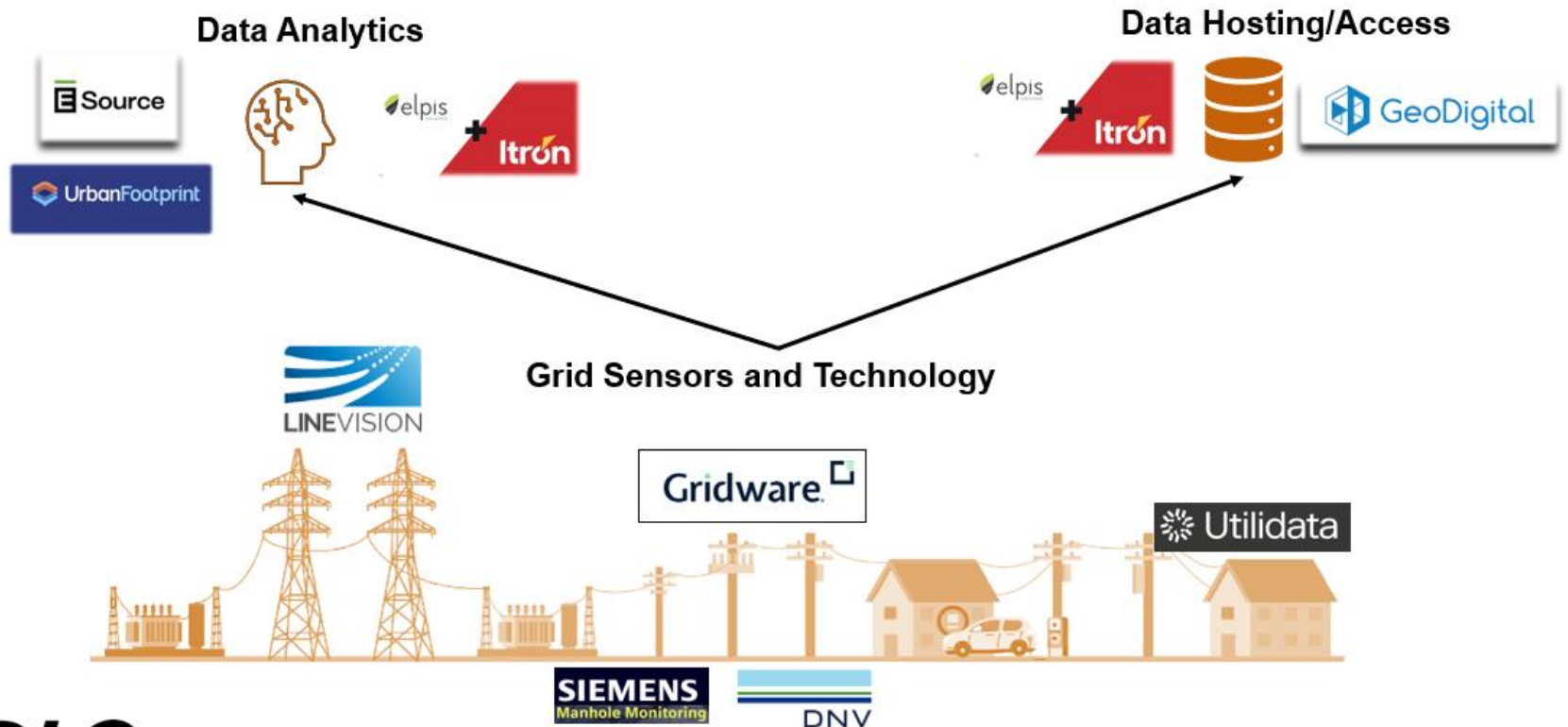
 Connectivity Model – New GIS

 Outage Management System (OMS)

 SCADA Upgrades

 Distribution Mgmt. System (DMS)/Distributed
Energy Resource Mgmt. System (DERMS)

Grid Sensors and Data



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



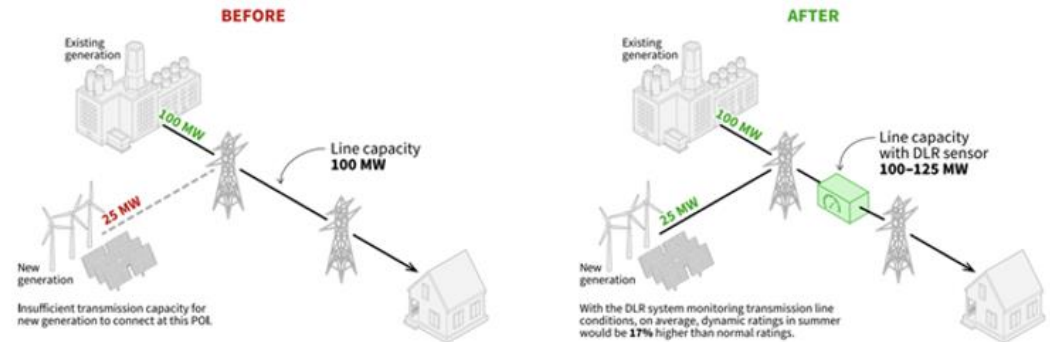
Meet Karman



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



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.



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