

LINEVISION

Critical Insights for Critical Infrastructure

Our integrated intelligence platform delivers Dynamic Line Ratings and Situational Awareness to unlock operational flexibility and enable efficient capital allocation.

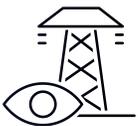
Dynamic Line Ratings (DLR)

- Real-time and forecasted transmission capacity insights at every span enabling operators to confidently increase transmission utilization in real-time
- Powered by advanced computational fluid dynamics modeling, digital twins and sensor enhancement

Situational Awareness

- Real-time monitoring of environmental, asset, and ROW conditions affecting transmission networks.
- Powered by advanced optical and environmental sensing of critical spans across transmission networks.

The LineVision ROI



R ELIABILITY & RESILIENCE

Empower operators with flexibility to predict and respond where and when it matters most.



O PTIMIZE ASSET UTILIZATION

Reduce congestion costs and accelerate interconnection of new loads.



I NFORM INVESTMENT DECISIONS

Target the right investments where they matter most enabling growth while supporting affordability for businesses & communities.

LineVision in Action



DLR provided flexibility to **integrate commercial customers** and visibility to conduct **targeted capital allocation** rather than a full reconductor.

DLR reduced curtailments & congestion in UK. Fully utilized domestic energy source, **reducing congestion costs by \$40M per year.**

DLR + Situational Awareness deployed to enhance reliability and capacity to **support economic development & customer affordability.**

LineVision's solutions help to improve reliability and resilience, optimize asset utilization, and inform future investment decisions

The Federal Government is Clear: New Grid Technologies Play a Key Role in a Modern Grid

White House AI Action Plan

In its AI Action Plan, the White House acknowledged the need to optimize existing grid resources as much as possible, enhancing the efficiency and performance of the transmission grid. Utilities need to explore solutions like advanced grid management technologies, according to the administration.

FERC Order 1920

FERC's rule requires transmission providers in each transmission planning region to holistically consider alternative transmission technologies including dynamic line ratings in Long Term Regional Transmission Planning and existing Order No. 1000 regional transmission planning and cost allocation processes.

Industry Associations:

