

Dynamic line rating technology

Why it matters:

DLR technology (sensor-based and Energy Management System-based solutions) can assess wind speed, ambient temperature, and related real-time weather information. This will be used to develop dynamic ratings for transmission lines, which allows for accurate real time ratings compared to static ratings.

Customer value:

To be able to provide an affordable and more reliable clean energy transition, PGE is exploring DLR technology to help reduce congestion costs, improve integration of renewables, and increase capacity and reliability.

Business value:

PGE is experiencing congestion in certain areas of its transmission network during specific operating conditions. DLR solutions have the potential to affordably alleviate some areas of congestion while long-term upgrade projects are being implemented.

