









VERDE Capabilities Visualizing Energy Resources Dynamically on Earth Platform to provide wide area visualization capability • Flexible system **Real-time status of transmission** • lines **Real-time weather overlays** • Wide-Area Power Grid Situational Aw Predictive impact models & . Impact Models Streaming Analysis Animated replay Data analysis • Energy infrastructure interdependencies: Coal delivery and rail lines Refinery and oil wells Natural gas pipelines - Transportation and evacuation routes Population impacts - LandScan

Real-time Weathe

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Flexible Visualization Platform to Expand in the WECC region

- Phasor Measurement Data being incorporated into VERDE
- Entergy incorporating PMU data into their system



CAR Ridg







































