

## EPRI Papers Available for DER Related Questions and Opportunities

### Key Highlights

- The Electric Power Research Institute (EPRI) has been very active with implementation of the IEEE 1547-2018 standard for DER interconnections and related DER topics.
- To help move the technology forward, EPRI has made several of their papers available at no charge to the public.

### What has changed?

The Electric Power Research Institute (EPRI) has been very active in the area of DER performance and deployment for several years now. In order to move the technology forward, they have made several of their papers, tutorials, and other projects available at no cost through their public domain efforts. These are listed in the Appendix to this advisory.

### What is the impact on electric cooperatives?

EPRI is one of the premier research centers that looks at situations such as DER deployment and interconnection requirements from an electric utility viewpoint. These reports may be helpful and save time for cooperatives who are dealing with a pending or current DER situation, or who have questions about this topic area.

### What do cooperatives need to know or do about it?

Co-ops engaged with DER on their systems or with their members should consider looking through the proposed interconnection standards changes and downloading the EPRI reports which they deem to be relevant to their respective systems or situations.

### Additional Resources

- [NRECA Website on IEEE 1547](#)

### Contact for Questions

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**APPENDIX**  
**Listing of Available EPRI Reports Related to DER Content**

Year	Title	Link
2021	Grid Considerations for Microgrids	<a href="https://www.epri.com/research/products/00000003002020344">https://www.epri.com/research/products/00000003002020344</a>
2021	Effective Grounding for Inverter-Connected DER: Final Report	<a href="https://www.epri.com/research/products/00000003002020130">https://www.epri.com/research/products/00000003002020130</a>
2020	A Quick Guide to the Cost-Benefit Analysis Module for the DER Valuation Estimation Tool (DER-VET)	<a href="https://www.epri.com/research/products/00000003002019189">https://www.epri.com/research/products/00000003002019189</a>
2020	A smart and flexible community microgrid with dynamic boundary	<a href="https://www.epri.com/research/products/00000003002020212">https://www.epri.com/research/products/00000003002020212</a>
2020	Benefit of Fast Reactive Power Response from Inverters in Supporting Stability of Weak Distribution Systems	<a href="https://www.epri.com/research/products/00000003002020197">https://www.epri.com/research/products/00000003002020197</a>
2020	Can Smart Inverters on the Distribution Circuit Provide Transmission Voltage Support?	<a href="https://www.epri.com/research/products/00000003002019418">https://www.epri.com/research/products/00000003002019418</a>
2020	Common File Format for DER Settings Exchange and Storage	<a href="https://membercenter.epri.com/Programs/067418/pages/eventdetails.aspx?eventID=1CBF5F01-D6E6-4D0A-BDBB-8F7F3253A7D7&amp;eventScope=Cockpit&amp;referer=EVENT_LIST">https://membercenter.epri.com/Programs/067418/pages/eventdetails.aspx?eventID=1CBF5F01-D6E6-4D0A-BDBB-8F7F3253A7D7&amp;eventScope=Cockpit&amp;referer=EVENT_LIST</a>
2020	Common File Format for Distributed Energy Resources Settings Exchange and Storage	<a href="https://www.epri.com/research/products/00000003002020201">https://www.epri.com/research/products/00000003002020201</a>
2020	Effective Grounding for Inverter-Connected DER: Final Report	<a href="https://www.epri.com/research/products/00000003002020130">https://www.epri.com/research/products/00000003002020130</a>
2020	EPRI, IREC and SunSpec Alliance Webcast: Common File Format for DER Settings Exchange and Storage	<a href="https://www.epri.com/research/programs/067418/events/1CBF5F01-D6E6-4D0A-BDBB-8F7F3253A7D7">https://www.epri.com/research/programs/067418/events/1CBF5F01-D6E6-4D0A-BDBB-8F7F3253A7D7</a>
2020	Evaluating Dynamic, Flexible Interconnection Options for Distributed Photovoltaic Resources	<a href="https://www.epri.com/#/pages/event/1A524D65-552B-447F-A8E8-1816024493BE?lang=en-US">https://www.epri.com/#/pages/event/1A524D65-552B-447F-A8E8-1816024493BE?lang=en-US</a>
2020	FEEDER Open-Phase Condition Detection by Smart Inverter	<a href="https://www.epri.com/research/products/00000003002019422">https://www.epri.com/research/products/00000003002019422</a>
2020	Field Performance Assessment of Advanced Grid Support Functions Implemented via Plant Controllers: National Grid Solar Phase II Program Report	<a href="https://www.epri.com/research/products/00000003002019417">https://www.epri.com/research/products/00000003002019417</a>
2020	Field Validation Tool for Smart Inverter Configuration and Settings	<a href="https://www.epri.com/research/products/00000003002017325">https://www.epri.com/research/products/00000003002017325</a>
2020	Grid Considerations for Microgrids	<a href="https://www.epri.com/research/products/00000003002020344">https://www.epri.com/research/products/00000003002020344</a>
2020	Grid Forming Inverters: EPRI Tutorial	<a href="https://www.epri.com/research/products/00000003002018676">https://www.epri.com/research/products/00000003002018676</a>

2020	Guidelines on DER Transformer Connections and Distribution Grounding	<a href="https://membercenter.epri.com/Programs/067418/pages/eventdetails.aspx?eventID=4A67914A-31D0-475D-80D2-BB1290BC0281&amp;eventScope=Cockpit&amp;referer=EVENT_LIST">https://membercenter.epri.com/Programs/067418/pages/eventdetails.aspx?eventID=4A67914A-31D0-475D-80D2-BB1290BC0281&amp;eventScope=Cockpit&amp;referer=EVENT_LIST</a>
2020	Integrating Non-Wires Alternatives into Utility Planning: 2020 EPRI Research Guide	<a href="https://www.epri.com/research/products/00000003002018655">https://www.epri.com/research/products/00000003002018655</a>
2020	Inverter-Based DER Dynamic Response Characterization for Protection, Planning, and PQ	<a href="https://www.epri.com/research/products/00000003002014731">https://www.epri.com/research/products/00000003002014731</a>
2020	Light-Based Technologies for Air and Surface Disinfection	<a href="https://www.epri.com/research/products/00000003002019267">https://www.epri.com/research/products/00000003002019267</a>
2020	Low Cost, Secure DER Network Gateways for Control Integration of Smart Inverters	<a href="https://www.epri.com/research/products/00000003002017720">https://www.epri.com/research/products/00000003002017720</a>
2020	Making DER Connections in Low Voltage Networks	<a href="https://www.epri.com/research/products/00000003002019557">https://www.epri.com/research/products/00000003002019557</a>
2020	Model-Based Analysis of DER Functions and Settings	<a href="https://www.epri.com/research/products/00000003002019538">https://www.epri.com/research/products/00000003002019538</a>
2020	Navigating DER Interconnection Standards and Practices Supplemental Webcast (Part I + II): Updating Technical Interconnection and Interoperability Requirements: Utility Perspectives and Approaches	<a href="https://membercenter.epri.com/Programs/067418/pages/eventdetails.aspx?eventID=E030764F-D446-4565-8C03-E15C56536997&amp;eventScope=Cockpit&amp;referer=EVENT_LIST">https://membercenter.epri.com/Programs/067418/pages/eventdetails.aspx?eventID=E030764F-D446-4565-8C03-E15C56536997&amp;eventScope=Cockpit&amp;referer=EVENT_LIST</a>
2020	Powering Through Together: Identifying COVID-19 Transmission and Distribution Operations Practices	<a href="https://www.epri.com/research/products/00000003002019435">https://www.epri.com/research/products/00000003002019435</a>
2020	Principles of Access for Flexible Interconnection Solutions: Rules of Curtailment	<a href="https://www.epri.com/research/products/00000003002018506">https://www.epri.com/research/products/00000003002018506</a>
2020	Principles of Access for Flexible Interconnection: Cost Allocation Mechanisms and Financial Risk Management	<a href="https://www.epri.com/research/products/00000003002019635">https://www.epri.com/research/products/00000003002019635</a>
2020	Supplemental Project Notice: Field Validation Tool for Smart Inverter Configuration and Settings	<a href="https://membercenter.epri.com/Programs/067418/pages/eventdetails.aspx?eventID=3E1AFF0F-701C-4CFC-A65A-C070091672BB&amp;eventScope=Cockpit&amp;referer=EVENT_LIST">https://membercenter.epri.com/Programs/067418/pages/eventdetails.aspx?eventID=3E1AFF0F-701C-4CFC-A65A-C070091672BB&amp;eventScope=Cockpit&amp;referer=EVENT_LIST</a>
2020	Supplemental Project Notice: Islanding Prevention Risk Assessment Tool (IPRAT)	<a href="https://www.epri.com/research/products/00000003002019664">https://www.epri.com/research/products/00000003002019664</a>
2020	Tailoring IEEE 1547 Recommended Smart Inverter Settings Based on Modeled Grid Performance	<a href="https://www.epri.com/research/products/00000003002020102">https://www.epri.com/research/products/00000003002020102</a>

2020	The Center for Grid Engineering Education (GridEd): 2019 Summary Report	<a href="https://www.epri.com/research/products/00000003002017812">https://www.epri.com/research/products/00000003002017812</a>
2020	University Gaps Assessment in Digital Power Systems Education	<a href="https://www.epri.com/research/products/00000003002020016">https://www.epri.com/research/products/00000003002020016</a>
2020	Utilizing DER for Advanced Distribution Resiliency	<a href="https://www.epri.com/research/products/00000003002017800">https://www.epri.com/research/products/00000003002017800</a>
2019	Advancing Smart Inverter Integration in Utah Final Report	<a href="https://www.epri.com/research/products/00000003002015334">https://www.epri.com/research/products/00000003002015334</a>
2019	Advancing Smart Inverter Integration in Utah Research Highlights	<a href="https://www.epri.com/research/products/00000003002015319">https://www.epri.com/research/products/00000003002015319</a>
2019	APS Solar Partner Program: October 2017 Update	<a href="https://www.epri.com/research/products/00000003002012188">https://www.epri.com/research/products/00000003002012188</a>
2019	DER Forum Quick User Guide	<a href="https://www.epri.com/research/products/00000003002017443">https://www.epri.com/research/products/00000003002017443</a>
2019	DER Group Management for Coordinated Operations Across the T&D Interface	<a href="https://www.epri.com/research/products/00000003002016174">https://www.epri.com/research/products/00000003002016174</a>
2019	Distributed Energy Resources Field Experience: Open Phase	<a href="https://www.epri.com/research/products/00000003002015949">https://www.epri.com/research/products/00000003002015949</a>
2019	Educating a Digital Power Workforce to Be GREAT with Data (GridEd Membership)	<a href="https://www.epri.com/research/products/00000003002015049">https://www.epri.com/research/products/00000003002015049</a>
2019	Electrical Energy Storage Data Submission Guidelines	<a href="https://www.epri.com/#/pages/product/00000003002016277/?lang=en-US">https://www.epri.com/#/pages/product/00000003002016277/?lang=en-US</a>
2019	GridEd Training Courses and Activities	<a href="https://www.epri.com/research/products/00000003002015367">https://www.epri.com/research/products/00000003002015367</a>
2019	Integration of Distributed Energy Resources: Program 174 Overview	<a href="https://www.epri.com/research/products/00000003002017484">https://www.epri.com/research/products/00000003002017484</a>
2019	Leveraging Industry Research to Educate a Future Electric Grid Workforce	<a href="https://www.epri.com/research/products/00000003002017113">https://www.epri.com/research/products/00000003002017113</a>
2019	Quick Insights: Declining PPA Prices for Renewables Plus Storage Plants	<a href="https://www.epri.com/research/products/00000003002014791">https://www.epri.com/research/products/00000003002014791</a>
2019	Quick Insights: Solar Plus Storage PPAs in Hawaii	<a href="https://www.epri.com/research/products/00000003002015173">https://www.epri.com/research/products/00000003002015173</a>
2019	Solar Plus Storage Cost Assessment and Design Considerations: Executive Summary	<a href="https://www.epri.com/#/pages/product/00000003002016637/?lang=en-US">https://www.epri.com/#/pages/product/00000003002016637/?lang=en-US</a>
2019	SRP Advanced Inverter Project: Research Findings	<a href="https://www.epri.com/research/products/00000003002016625">https://www.epri.com/research/products/00000003002016625</a>

2019	SRP Advanced Inverter Project: Research Highlights	<a href="https://www.epri.com/research/products/00000003002016626">https://www.epri.com/research/products/00000003002016626</a>
2019	StorageVET® 2.0.0 Beta Release	<a href="http://www.storagevet.com">www.storagevet.com</a>
2019	Supplemental Project Notice: Educating a Digital Power Workforce to be GREAT with Data	<a href="https://membercenter.epri.com/Programs/067418/pages/eventdetails.aspx?eventID=AC5681A9-11FF-48B6-B088-EC8A66890E49&amp;eventScope=Cockpit&amp;referer=EVENT_LIST">https://membercenter.epri.com/Programs/067418/pages/eventdetails.aspx?eventID=AC5681A9-11FF-48B6-B088-EC8A66890E49&amp;eventScope=Cockpit&amp;referer=EVENT_LIST</a>
2019	Tucson Electric Power Project RAIN: February 2019 Update	<a href="https://www.epri.com/research/products/00000003002016662">https://www.epri.com/research/products/00000003002016662</a>
2019	Tucson Electric Power: Project RAIN	<a href="https://www.epri.com/research/products/00000003002017454">https://www.epri.com/research/products/00000003002017454</a>
2018	A Smart and Flexible Microgrid with Dynamic Boundary and Intelligent Open-Source Controller	<a href="https://www.epri.com/research/products/00000003002014310">https://www.epri.com/research/products/00000003002014310</a>
2018	AEP Clean Energy Solar Pilot: Research Highlights	<a href="https://www.epri.com/research/products/00000003002014778">https://www.epri.com/research/products/00000003002014778</a>
2018	Arizona Public Service Solar Partner Program Phase II: Energy Storage Demonstration Results	<a href="https://www.epri.com/research/products/00000003002014455">https://www.epri.com/research/products/00000003002014455</a>
2018	Common Information Model (CIM) Compliance Testing: 2017 Activities	<a href="https://www.epri.com/research/products/00000003002013705">https://www.epri.com/research/products/00000003002013705</a>
2018	Common Information Model (CIM) Compliance Testing: November 2018 Summary of Results	<a href="https://www.epri.com/research/products/00000003002014800">https://www.epri.com/research/products/00000003002014800</a>
2018	Common Information Model Primer: 4th Edition	<a href="https://www.epri.com/research/products/00000003002012477">https://www.epri.com/research/products/00000003002012477</a>
2018	Consumer Devices Functional Specification for Photovoltaic Support	<a href="https://www.epri.com/research/products/00000003002013875">https://www.epri.com/research/products/00000003002013875</a>
2018	Customer Services and Distributed Energy Resource Management System Integration	<a href="https://www.epri.com/research/products/00000003002014619">https://www.epri.com/research/products/00000003002014619</a>
2018	Dashboard for SHINES Residential Demonstration: Sustainable and Holistic Integration of Energy Storage and Solar PV (SHINES-Residential) v1.0	<a href="https://dashboards.epri.com/shines-residential">https://dashboards.epri.com/shines-residential</a>
2018	Dashboard for SSRC: Southeastern Solar Research Center (SSRC) v1.0	<a href="https://dashboards.epri.com/ssrc">https://dashboards.epri.com/ssrc</a>
2018	Dashboard TVA Melton Hill Dam Sustainable Recreation Area (TVA-Milton-Hill), v.2.0	<a href="https://dashboards.epri.com/tva-melton-hill">https://dashboards.epri.com/tva-melton-hill</a>
2018	Data Considerations for Forecasting PV Adoption	<a href="https://www.epri.com/research/products/00000003002014725">https://www.epri.com/research/products/00000003002014725</a>

2018	DER Ride-Through and Trip Requirements: Navigating DER Interconnection Standards and Practices - Training Module #3	<a href="https://www.epri.com/#/pages/product/00000003002014547/?lang=en-US">https://www.epri.com/#/pages/product/00000003002014547/?lang=en-US</a>
2018	DER Ride-Through Performance Categories and Trip Settings: Navigating DER Interconnection Standards and Practices - Training Module #2	<a href="https://www.epri.com/#/pages/product/00000003002014546/?lang=en-US">https://www.epri.com/#/pages/product/00000003002014546/?lang=en-US</a>
2018	Distributed Energy Resources (DER) Integration Courses	<a href="https://www.epri.com/research/products/00000003002014451">https://www.epri.com/research/products/00000003002014451</a>
2018	Distributed Energy Resources Management Systems (DERMS) Working Group	<a href="https://www.epri.com/research/products/00000003002014468">https://www.epri.com/research/products/00000003002014468</a>
2018	Distributed Energy Resources Management Systems Reference Control Methods	<a href="https://www.epri.com/research/products/00000003002014467">https://www.epri.com/research/products/00000003002014467</a>
2018	Distribution Area Review, January 2018	<a href="https://www.epri.com/research/products/00000003002012460">https://www.epri.com/research/products/00000003002012460</a>
2018	Duke Energy Dashboard for University of South Florida St. Petersburg Parking Garage (Duke-USFSP-Parking), v1.0	<a href="https://dashboards.epri.com/duke-usfsp-parking">https://dashboards.epri.com/duke-usfsp-parking</a>
2018	Energy Storage Technology and Cost Assessment: Executive Summary	<a href="https://www.epri.com/research/products/00000003002013958">https://www.epri.com/research/products/00000003002013958</a>
2018	Entergy New Orleans Solar Power Plant: Research Highlights	<a href="https://www.epri.com/research/products/00000003002014079">https://www.epri.com/research/products/00000003002014079</a>
2018	EPRI Enterprise Architecture Workshop Proceedings: San Diego, California February 2018	<a href="https://www.epri.com/research/products/00000003002014329">https://www.epri.com/research/products/00000003002014329</a>
2018	EPRI IEEE 2030.5 Client User's Manual	<a href="https://www.epri.com/research/products/00000003002014087">https://www.epri.com/research/products/00000003002014087</a>
2018	EPRI's Distributed Energy Resources Integration Toolkit: An Overview of EPRI Tools for Testing and Implementing Open Protocols	<a href="https://www.epri.com/research/products/00000003002013623">https://www.epri.com/research/products/00000003002013623</a>
2018	ESIC Energy Storage Commissioning Guide	<a href="https://www.epri.com/research/products/00000003002013972">https://www.epri.com/research/products/00000003002013972</a>
2018	ESIC Energy Storage Cost Template & Tool v2.0	<a href="https://www.epri.com/research/products/00000003002013529">https://www.epri.com/research/products/00000003002013529</a>
2018	Flicker Measurements at Photovoltaic Plants	<a href="https://www.epri.com/research/products/3002011897">https://www.epri.com/research/products/3002011897</a>
2018	Identifying Training and Education Gaps in the Electric University - A GridEd Report	<a href="https://www.epri.com/research/products/00000003002014732">https://www.epri.com/research/products/00000003002014732</a>
2018	Impact Factors and Recommendations on how to Incorporate them when Calculating Hosting Capacity	<a href="https://www.epri.com/research/products/00000003002013381">https://www.epri.com/research/products/00000003002013381</a>

2018	Impact Factors, Methods, and Considerations for Calculating and Applying Hosting Capacity	<a href="https://www.epri.com/research/products/3002011009">https://www.epri.com/research/products/3002011009</a>
2018	Incorporating DER Into Distribution Planning	<a href="https://www.epri.com/research/products/3002010997">https://www.epri.com/research/products/3002010997</a>
2018	Inverter Fault Response Characterization for Protection and Planning	<a href="https://www.epri.com/research/products/00000003002014731">https://www.epri.com/research/products/00000003002014731</a>
2018	Inverter On-board Detection Methods to Prevent Unintended Islanding: Industry Practices and Generic Response Models	<a href="https://www.epri.com/research/products/00000003002014049">https://www.epri.com/research/products/00000003002014049</a>
2018	Making the Connection: The Importance of DER Visibility to Grid Support and Modernization	<a href="https://www.epri.com/research/products/00000003002013388">https://www.epri.com/research/products/00000003002013388</a>
2018	Mitigation Methods to Increase Feeder Hosting Capacity	<a href="https://www.epri.com/research/products/00000003002013382">https://www.epri.com/research/products/00000003002013382</a>
2018	Overview on IEEE Std 1547-2018: Navigating DER Interconnection Standards and Practices - Training Module #1	<a href="https://www.epri.com/#/pages/product/00000003002014545/?lang=en-US">https://www.epri.com/#/pages/product/00000003002014545/?lang=en-US</a>
2018	Program on Technology Innovation: Understanding Internet of Things Architectures	<a href="https://www.epri.com/research/products/00000003002014370">https://www.epri.com/research/products/00000003002014370</a>
2018	Recommended Smart Inverter Settings for Grid Support and Test Plan: Interim Report	<a href="https://www.epri.com/research/products/00000003002012494">https://www.epri.com/research/products/00000003002012494</a>
2018	Second EPRI Smart Inverter Workshop Highlights	<a href="https://www.epri.com/research/products/00000003002014256">https://www.epri.com/research/products/00000003002014256</a>
2018	Solar PV Adoption Forecast Methods for Distribution Planning	<a href="https://www.epri.com/#/pages/product/00000003002014724/?lang=en-US">https://www.epri.com/#/pages/product/00000003002014724/?lang=en-US</a>
2018	Transactive Incentive-signals to Manage Energy-consumption (TIME): The System- and Market-Based Transactive Load Management (TLM)	<a href="https://www.epri.com/#/pages/product/00000003002012290/?lang=en-US">https://www.epri.com/#/pages/product/00000003002012290/?lang=en-US</a>
2018	Tucson Electric Power Project RAIN: October 2018 Update	<a href="https://www.epri.com/#/pages/product/00000003002014812/?lang=en-US">https://www.epri.com/#/pages/product/00000003002014812/?lang=en-US</a>
2018	Understanding DERMS	<a href="https://www.epri.com/#/pages/product/00000003002013049/?lang=en-US">https://www.epri.com/#/pages/product/00000003002013049/?lang=en-US</a>
2017	Alliant Energy Madison Solar Demonstration Dashboard, version 1.0	<a href="https://www.epri.com/#/pages/product/00000003002007529/?lang=en-US">https://www.epri.com/#/pages/product/00000003002007529/?lang=en-US</a>
2017	Applying Discrete Choice Experiment Modeling to Photovoltaic Adoption Forecasting	<a href="https://www.epri.com/#/pages/product/00000003002011011/?lang=en-US">https://www.epri.com/#/pages/product/00000003002011011/?lang=en-US</a>
2017	APS Solar Partner Program: Research Highlights	<a href="https://www.epri.com/#/pages/product/00000003002009779/?lang=en-US">https://www.epri.com/#/pages/product/00000003002009779/?lang=en-US</a>

2017	Arizona Public Service Solar Partner Program: Advanced Inverter Demonstration Results	<a href="https://www.epri.com/#/pages/product/00000003002011316/?lang=en-US">https://www.epri.com/#/pages/product/00000003002011316/?lang=en-US</a>
2017	Demonstration of a Simulated Distribution Feeder with High-Penetration Renewable Resources and Demand Response	<a href="https://www.epri.com/research/products/00000003002011015">https://www.epri.com/research/products/00000003002011015</a>
2017	Distributed Energy Resource Management System (DERMS) Master Station User Manual	<a href="https://www.epri.com/research/products/00000003002011482">https://www.epri.com/research/products/00000003002011482</a>
2017	Employing Active Power Curtailment of Distribution-Connected Solar Photovoltaics: Economic and Regulatory Considerations	<a href="https://www.epri.com/research/products/00000003002010289">https://www.epri.com/research/products/00000003002010289</a>
2017	GridEd Generates Pipeline of Power Engineers	<a href="https://www.epri.com/#/pages/product/00000003002011304/?lang=en-US">https://www.epri.com/#/pages/product/00000003002011304/?lang=en-US</a>
2017	IEEE 1547 - New Interconnection Requirement for Distributed Energy Resources: Fact Sheet	<a href="https://www.epri.com/#/pages/product/00000003002011346/?lang=en-US">https://www.epri.com/#/pages/product/00000003002011346/?lang=en-US</a>
2017	IEEE 802.16S Overview	<a href="https://www.epri.com/#/pages/product/00000003002011195/?lang=en-US">https://www.epri.com/#/pages/product/00000003002011195/?lang=en-US</a>
2017	IEEE Standard 1547 - Communication and Interoperability: New Requirements Mandate Open Communications Interface and Interoperability for Distributed Energy Resources	<a href="https://www.epri.com/#/pages/product/00000003002011591/?lang=en-US">https://www.epri.com/#/pages/product/00000003002011591/?lang=en-US</a>
2017	Kahe Plant Solar Options Guideline Manual: Summary Report	<a href="https://www.epri.com/research/products/3002009395">https://www.epri.com/research/products/3002009395</a>
2017	Launching a Distribution Data Management Improvement Initiative: Utility Case Study	<a href="https://www.epri.com/#/pages/product/00000003002009504/?lang=en-US">https://www.epri.com/#/pages/product/00000003002009504/?lang=en-US</a>
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