

IEEE Std 1547™-2018

Status of Adoption across the U.S.
January 2024

IEEE Standards Coordinating Committee 21 (SCC21)
Fuel Cells, Photovoltaics, Dispersed Generation, and Energy Storage

<https://sagroups.ieee.org/scc21/standards/1547rev/>

Courtesy of Electric Power Research Institute (EPRI)
<https://www.epri.com/#/pages/product/000000003002012048/>



IEEE Std 1547™-2018 Adoption Methods



General Reference



- Full adoption of standard by general reference
- Specification of
 - performance categories
 - normal category
 - abnormal category
 - functional settings (utility-required profiles)
 - standardized comms. protocols



Detailed Reference



- Full or partial adoption of std
- Clause-by-clause references
- Any additional requirements

EPRI's Generic TIIR Template & DER Settings Forms ([3002022563](#))

Benefit: Consistency to standard

Risk: Fragmentation of requirements, certification challenges, addl. costs



Full Specification

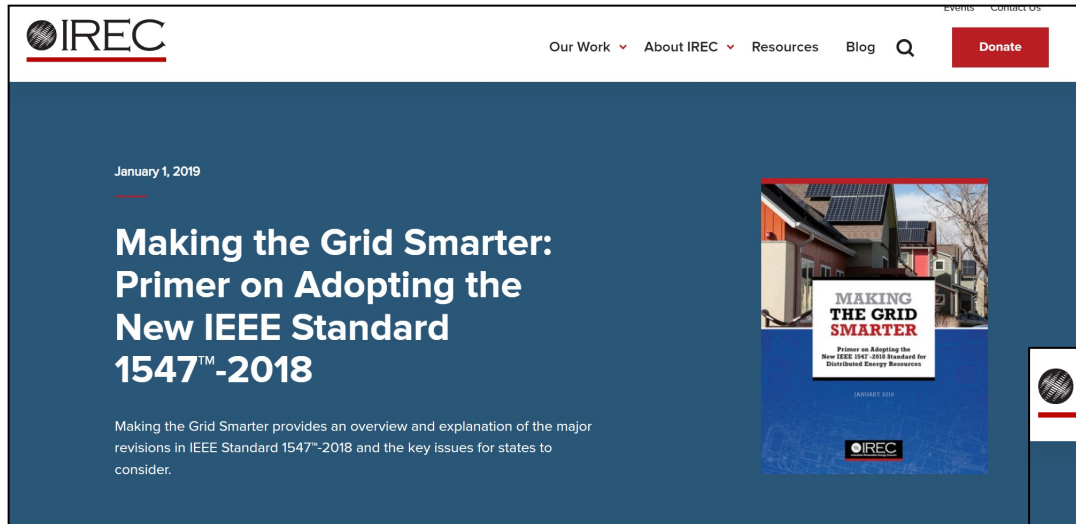


- All on the left
- Clause-by-clause own language
- Any additional requirements

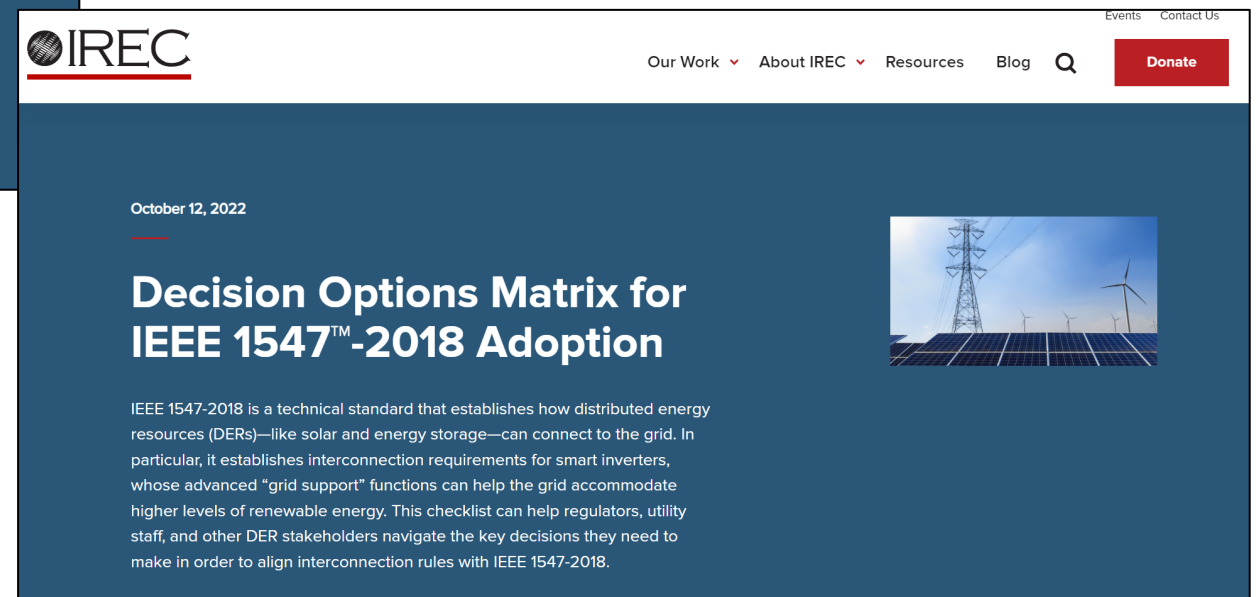
Benefit: No need to buy standard

Risk: Inconsistencies to standard and fragmentation of requirements, certification challenges, additional costs

IEEE 1547-2018 Adoption Resources



IREC USA's Making the Grid Smarter: Primer on Adopting the New IEEE Standard 1547™-2018



IREC USA's Decision Options Matrix for IEEE 1547-2018

Common Performance Category / Capability Assignments

➔ Refer to IEEE 1547-2018 Annex B for justification

Normal Performance Categories


| Power Conversion | Prime Mover / Energy Source | Category |
|-----------------------|--|------------------|
| Inverter | Solar PV, Battery Energy Storage | Category B |
| | Wind | Category B |
| | Hydrogen Fuel Cell | Mutual Agreement |
| Synchronous generator | Bio-/landfill gas, fossil fuel, hydro, combined heat & power | Category A |
| Induction generator | Hydro | Mutual Agreement |

Abnormal Performance Categories


| Power Conversion | Prime Mover / Energy Source | Category |
|-----------------------|--|-------------------------------------|
| Inverter | Solar PV, Battery Energy Storage | Category III ¹ (amended) |
| | Wind | Category II |
| | Hydrogen Fuel Cell | Mutual Agreement |
| Synchronous generator | Bio-/landfill gas, fossil fuel, hydro, combined heat & power | Category I |
| Induction generator | Hydro | Mutual Agreement |

¹ Category II prior to Amendment

Tracking Adoption of IEEE 1547™-2018



Events Contact Us

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April 3, 2023

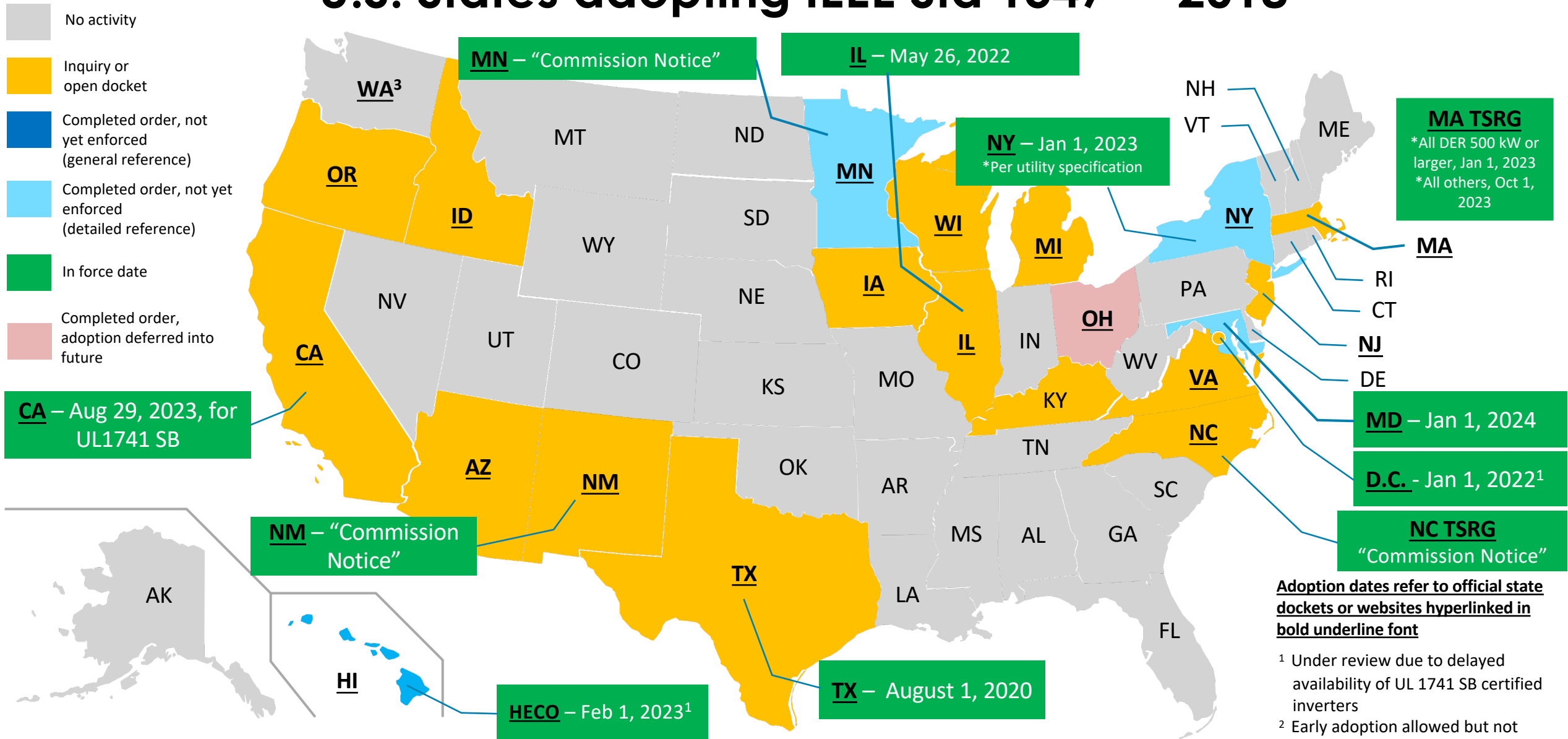
IEEE 1547™-2018 Adoption Tracker

The Institute of Electrical and Electronics Engineers 1547™-2018 Standard (IEEE 1547-2018) is a technical standard that establishes how distributed energy resources (DERs)—like solar and energy storage—can connect to the grid. In particular, it establishes interconnection requirements for smart inverters, which have advanced “grid support” functions that can help the grid accommodate higher levels of renewable energy. IREC’s IEEE 1547-2018 Adoption Tracker provides regulators, utility staff, and other DER stakeholders with visibility into which jurisdictions have adopted the IEEE 1547-2018 standard.

| LEGEND & DEFINITIONS | |
|-------------------------------|--|
| STATE OR REGION | The state or service territory region being reviewed for 1547-2018 adoption status. |
| UTILITY OR AGENCY | The primary decision-making entity facing the 1547-2018 adoption process. |
| ADOPTION STATUS | Reflects the IEEE 1547-2018 standard adoption status of a decision-making entity using the following table: |
| Complete | This entity has completed the 1547-2018 adoption process and has selected inverter certification adoption dates and/or finalized settings requirements. |
| Partial Adoption | The entity has updated any references to earlier versions of the IEEE 1547 standard within their interconnection rules or technical requirements documents to reflect the most recent edition, i.e., 1547-2018 or 1547-2020, however, they have yet to select an adoption date nor have they completed the standard’s required criteria selection phase. |
| Ongoing | This entity is currently in the process of adopting IEEE 1547-2018 through working groups, rule modification proceedings, or other means. |
| Relevant Ongoing | Due to a lack of market availability for 1547-2018 certified inverters, this entity, which has since completed the standard adoption process, is in the process of revising their official adoption date to allow industry more time to comply. |
| Adopting Anticipate | Due to a lack of market availability for 1547-2018 certified inverters, this entity has revised their adoption date to include language that provides compliance flexibility by adding a stipulation that such certified inverters will not be mandated until they are more widely available. |
| Not Started | This entity has not yet entered the 1547-2018 adoption process which includes a formal decision-making process to reach consensus on the selection of an adoption date. |
| Unclear | IREC could not determine the adoption status. |
| REFERENCE # [1,2,3] | Links to and direct quotes from publicly available resources that, to the best of our ability, accurately depict the status of 1547-2018 adoption for a particular entity. Other sections of this spreadsheet may or may not reference the language or page numbers from this reference as [Ref. 1] [2] [3], etc. [N]. |
| Reference # | A maximum of three (3) references are included for each entity. |
| Reference Language | Quotes pulled directly from the corresponding reference with page numbers included if applicable. |
| NOTES | Includes relevant information describing why certain adoption status labels were selected. |
| NORMAL PERFORMANCE CATEGORY | Described within IEEE 1547-2018 Section 5 - “Reactive power capability and voltage support” and its annexes. This section describes an entity’s selected inverter “characteristics and capabilities for response to voltage variations within the normal operating range” (IEEE 1547-2018, pp. 29). |
| Category A | See IEEE 1547-2018 Section 5 for category characteristics and capabilities. |
| Category B | See IEEE 1547-2018 Section 5 for category characteristics and capabilities. |
| ABNORMAL PERFORMANCE CATEGORY | Described within IEEE 1547-2018 Section 6 - “Response to Area EPS abnormal conditions.” This section describes an entity’s selected inverter “characteristics and capabilities for response to abnormal Area EPS conditions” (IEEE 1547-2018, pp. 42). |
| Category I | See IEEE 1547-2018 Section 6 for category characteristics and capabilities. |
| Category II | See IEEE 1547-2018 Section 6 for category characteristics and capabilities. |

IREC USA’s IEEE 1547™-2018 Adoption Tracker

U.S. States adopting IEEE Std 1547™-2018



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U.S. States adopting IEEE Std 1547™-2018

(updated since 01/25/2024)

| Nr. | State | Docket Status | Adoption Method | Enforcement Date | Link |
|-----|-----------------|---------------|---------------------|--------------------------------|--|
| 1 | Arizona (AZ) | Open | N/A | N/A | https://apps.azsos.gov/public_services/Title_14/14-02.pdf |
| 2 | California (CA) | Open | Detailed Reference | August 29, 2023, for UL1741 SB | https://www.cpuc.ca.gov/industries-and-topics/electrical-energy/infrastructure/rule-21-interconnection/smart-inverter-working-group Reference to California commission from sunspec: https://sunspec.org/wp-content/uploads/2023/03/2023-03-28-Letter-granting-Joint-Utilities-request-for-extension-regarding_-Res.-E-5000.pdf IREC's IEEE 1547™-2018 Adoption Tracker at https://irecusa.org/resources/ieee-1547-2018-adoption-tracker/ cites from an unpublished CPUC Letter granting JointUtilities request for extension regarding_ Res. E-5000, dated March 28, 2023:"The Commission finds that the Joint Utilities and non-utility stakeholders are in agreement on the benefits of the Joint Utilities' request for a five month extensionto transition to mandatory SB inverters and, therefore, grants the extension. This extension moves the deadline to August 29, 2023." (pg. 3) |
| 3 | Hawaii (HI) | Open | Detailed Reference* | October 1, 2022* | https://puc.hawaii.gov/energy/der/ https://www.hawaiianelectric.com/products-and-services/customer-renewable-programs/rooftop-solar/customer-energy-resource-(cer)-equipment |
| 4 | Idaho (ID) | Open | N/A | N/A | https://puc.idaho.gov/case/Details/6541 ; ID Power granted authority to establish Schedule 68 for interconnection: https://puc.idaho.gov/Fileroom/PublicFiles/ELEC/IPC/IPCE2030/OrdNotc/20210309Final_Order_No_34955.pdf |
| 5 | Illinois (IL) | Open | General | May 26, 2022 | https://www.icc.illinois.gov/programs/Interconnection-Working-Group ; https://www.ilga.gov/commission/jcar/admincode/083/083004660000400R.html |
| 6 | Iowa (IA) | Open | | | https://www.legis.iowa.gov/docs/ACO/chapter/199.45.pdf |
| 7 | Kentucky (KT) | Exploration | N/A | N/A | Some stakeholders recommend KYPSC to open a IEEE 1547-2018 stakeholder process |

* Likely to enter into effect **Likely to be changed

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U.S. States adopting IEEE Std 1547™-2018

(updated since 01/25/2024)

| Nr. | State | Docket Status | Adoption Method | Enforcement Date | Link |
|-----|--------------------|---------------|--------------------|---|--|
| 8 | Maryland (MD) | Completed | Detailed Reference | January 1, 2022** (under review) | http://mdrules.elaws.us/comar/20.50.09 (2020) https://webapp.psc.state.md.us/newIntranet/AdminDocket/NewIndex3_VOpenFile.cfm?FilePath=//Coldfusion/AdminDocket/PublicConferences/PC44/273/PC44-IWGFinalReportConsolidatedPhaseIII-jb-051421.pdf (2021) MD implementation date to Jan 1, 2024, per link |
| 9 | Massachusetts (MA) | Open | N/A | *All DER 500 kW or larger, Jan 1, 2023 *All others, Oct 1, 2023 2/23/23 – inconsistent adoption | https://eeaonline.eea.state.ma.us/DPU/Fileroom/dockets/bynumber/19-55 (Docket) https://www.mass.gov/info-details/massachusetts-technical-standards-review-group (TSRG) https://www.mass.gov/doc/draft-in-progress-default-new-england-bulk-system-area-settings-requirement/download https://www.mass.gov/doc/tsrg-inverter-source-requirements-document/download |
| 10 | Michigan (MI) | Open | N/A | N/A | https://mi-psc.force.com/s/case/500t000000CwYNEAA3/in-the-matter-on-the-commissions-own-motion-to-promulgate-rules-governingelectric-Changed MI link |
| 11 | Minnesota (MN) | Completed | Detailed Reference | Commission Notice | https://mn.gov/puc/energy/distributed-energy/interconnection/ https://mn.gov/puc/assets/TIIR%20w%20CORRECTED%20Interim%20Implementation%20Guidance_tcm14-431321.pdf |
| 12 | New Jersey (NJ) | Open | N/A | N/A | Open Docket [link] Grid Modernization Study: New Jersey Board of Public Utilities (August 24, 2022) Docket No. QO21010085 - Proposed Rule Change https://publicaccess.bpu.state.nj.us/DocumentHandler.ashx?document_id=1281615 |

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(updated since 01/25/2024)

| Nr. | State | Docket Status | Adoption Method | Enforcement Date | Link |
|-----|---------------------|----------------------------|--------------------|--|---|
| 13 | New Mexico (NM) | Notice of Inquiry 20-00171 | N/A | Commission Notice | <p>https://onedrive.live.com/?authkey=%21A7KIY%5FS0wfPCqb8&id=5891771FBA4AFF14%212857&cid=5891771FBA4AFF14 https://www.nm-prc.org/rulemaking-proceedings/ (search for case# 21-00266-UT)</p> <p>Final notice, setting an enforcement date of, "Beginning on March 28, 2023 (or another date set by Commission order)": https://api.realfile.rtsclients.com/PublicFiles/9ce35ae9dd194163979349178e937b5f/771713f3-816d-4d7f-b6a9-6636e19aec58/21-00266%20-%20UT%20Final%20Order.pdf</p> <p>IREC's IEEE 1547™-2018 Adoption Tracker at https://irecusa.org/resources/ieee-1547-2018-adoption-tracker/ cites from an unpublished PRC Notice of Pending Date Change under Docket 21-00266-UT, undated: "The Commission FINDS AND CONCLUDES: (1) On November 30, 2022, the Commission issued the Final Order adopting the amendments to Rule 17.9.568 NMAC ("Rule 568"). (2) Rule 568 established requirements for compliance with IEEE 1547 -2018 at 17.9.568.11 (A) NMAC stating; (A) Beginning on March 28, 2023 (or another date set by Commission order), generating facilities shall be required to comply with IEEE 1547 -2018, and shall conform with the following minimum requirements. (3) The Commission is aware of delays in certification and availability of the inverters and new equipment until a date later in the third or fourth quarter of 2023. (4) The Commission will select another date, as identified as an option in Rule 568, by subsequent Order to identify the new date for compliance in 17.9.568.11 (A) NMAC after reviewing the status of the inverter certification and timelines for distribution of the equipment. (5) The previously selected date of March 28, 2023 identified in 17.9.568.11 (A) NMAC will not be used for compliance with Rule 568."</p> |
| 14 | New York (NY) | Completed | Detailed Reference | Utility Specific Jan 1, 2023 for National Grid, ORU, CHG&E, and PSEG LIPA April 1, 2023 (> 50kW) and June 1, 2023 (≤ 50kW) for ConEd | <p>https://dps.ny.gov/system/files/documents/2023/02/2022-12-02-ny-ju-links-to-der-interconnection-technical-documentation_cs-modifieddocx.docx</p> <p>https://dps.ny.gov/system/files/documents/2022/11/may-2022-sir-final-dmm.pdf</p> <p>http://documents.dps.ny.gov/public/Common/ViewDoc.aspx?DocRefId=%7BA7780F50-4D4D-45D4-8B83-A1832488C12D%7D (2017)</p> <p>https://dps.ny.gov/distributed-generation-information</p> <p>Utility specific dates per IREC's IEEE 1547™-2018 Adoption Tracker at https://irecusa.org/resources/ieee-1547-2018-adoption-tracker/</p> |
| 15 | North Carolina (NC) | Open | N/A | N/A | <p>https://www.duke-energy.com/business/products/renewables/generate-your-own/tsrg Select North Carolina > Select either Duke Energy Carolinas or Duke Energy Progress</p> <p>https://www.duke-energy.com/_media/pdfs/for-your-business/generate-your-own-renewable/tsrg/e100-sub101-dec-dep-report-ieee-1547-2018-results.pdf?la=en</p> <p>Commission resolution: https://www.duke-energy.com/_media/pdfs/for-your-business/generate-your-own-renewable/tsrg/e100-sub101-dec-dep-report-ieee-1547-2018-results.pdf?la=en</p> |

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U.S. States adopting IEEE Std 1547™-2018

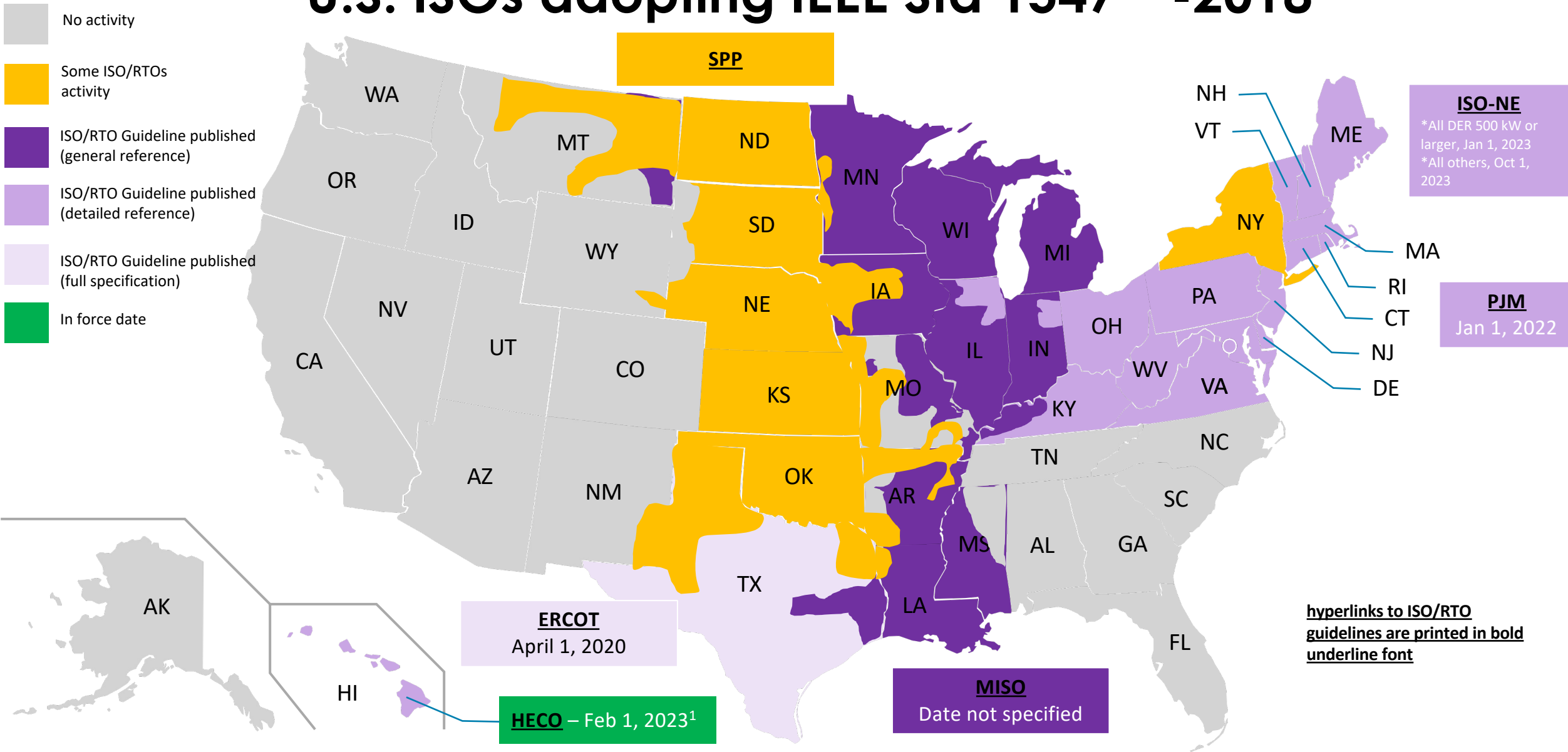
(updated since 01/25/2024)

| Nr. | State | Docket Status | Adoption Method | Enforcement Date | Link |
|-----|------------------|---------------|---|--------------------|--|
| 16 | Ohio (OH) | Closed | Deferred to future | Deferred to future | https://puco.ohio.gov/utilities/electricity/resources/der-stakeholder-group https://dis.puc.state.oh.us/ViewImage.aspx?CMID=A1001001A21115B44414B00097 – commission notice |
| 17 | Oregon (OR) | Open | N/A | N/A | https://apps.puc.state.or.us/edockets/docket.asp?DocketID=22475 https://apps.puc.state.or.us/orders/2023ords/23-319.pdf |
| 18 | Texas (TX) | Open | N/A | N/A | https://interchange.puc.texas.gov/Search/Documents?controlNumber=51603&itemNumber=1 https://interchange.puc.texas.gov/search/filings/?UtilityType=A&ControlNumber=53911&ItemMatch=Equal&DocumentType=All&SortOrder=Ascending |
| 19 | Virginia (VA) | Open | N/A | N/A | https://scc.virginia.gov/docketsearch/DOCS/7nqp01!.PDF |
| 20 | Washington D.C. | Open | N/A | Jan 1, 2022* | https://edocket.dcpsc.org/public/search/casenumbr/fc1050 |
| 21 | Washington State | N/A | General reference to IEEE 1547-2018 without any specs | July 20, 2018 | https://app.leg.wa.gov/WAC/default.aspx?cite=480-108-999 |
| 22 | Wisconsin | Open | N/A | N/A | https://apps.psc.wi.gov/ERF/ERFview/viewdoc.aspx?docid=426014 |

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U.S. ISOs adopting IEEE Std 1547™-2018



U.S. ISOs adopting IEEE Std 1547™-2018 (updated since 01/31/2024)

| Nr. | RTO/ISO | Guideline Status | Adoption Method | Enforcement Date | Link |
|-----|---|--|---|---|--|
| 1 | Alberta Electric System Operator (AESO) | Published | Detailed Reference Modified Category II, references C22.3 No.9-2020 | December 31, 2021 | https://www.aeso.ca/assets/Uploads/DER-Ride-Through-FINAL-26MAR2021.pdf |
| 2 | California ISO (CAISO) | No activity | | | |
| 3 | Electric Reliability Council of Texas (ERCOT) | Published September 11, 2020 | Full Specification (only for resources participating in the ERCOT markets) | April 1, 2020 (exceptions may apply to resources with earlier initial synchronization date) | http://www.ercot.com/content/wcm/kev_documents_lists/203876/212NOGRR-11_Board_Report_081120.doc |
| 4 | ISO New England | Published in 2018, under revision | Detailed Reference General Reference | June 1, 2018: UL 1741 SA June 1, 2022*: UL 1741 SB * Exception for DER < 100 kW: October 1, 2022 | New URP: https://www.mass.gov/doc/tsrq-inverter-source-requirements-document/download https://www.mass.gov/doc/draft-in-progress-default-new-england-bulk-system-area-settings-requirement/download SRD 1.1: https://www9.nationalgridus.com/non_html/ISO New England Source Requirement Document-2018-02-06.pdf |
| 5 | Midcontinent Independent System Operator (MISO) | Published | General Reference | Date not specified | https://www.misoenergy.org/planning/generator-interconnection/ieee-1547/ |
| 6 | New York ISO (NY ISO) | No activity | | | |
| 7 | Independent Electric System Operator (IESO) | Under development | Detailed Reference Modified Category II, references C22.3 No.9-2020 | | https://www.ieso.ca/-/media/Files/IESO/Document-Library/system-reliability/2019-IESO-Operability-Assessment.ashx |
| 8 | PJM Interconnection | Published | Detailed Reference Full Specification | January 1, 2022 | https://www.pjm.com/-/media/committees-groups/task-forces/derrttf/20190913/20190913-pjm-guideline-for-ride-through-performance-rev1.ashx |
| 9 | Southwest Power Pool (SPP) | Initiation of stakeholder coordination | TBD | TBD | https://www.spp.org/events/calendar/mdag-focus-group-net-conference-20230221/ https://www.spp.org/Documents/68842/mdag%20focus%20group%20agenda%208%20background%20materials%2020230221.zip https://www.spp.org/Documents/69026/Join%20ESWG-TWG%20Agenda%208%20Background%20Materials%2020230329.zip |

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RTOs/ISOs Guidelines for IEEE Std 1547™-2018 Adoption

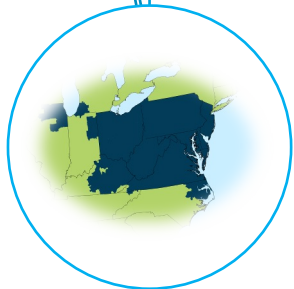


ISO New England – UL 1741 SA (stopgap) and UL 1741 SB (2022 onwards)

- Coordination between ISO-NE and the MA's utilities in the [Massachusetts TSRG](#)
- Reference to UL 1741 SA as a stopgap to verify DER ride-through capability in the interim ([Link](#))
- Detailed reference to IEEE 1547-2018 for all DER; UL 1741 SB certification required for inverters-based DER ([Link](#))

Jan 1, 2023*

Exception for DER < 500 kW:
Oct 1, 2023



PJM Interconnection – UL 1741 SA/SB

- Initiation of formal stakeholder proceedings in 2019
- Published *PJM Guideline for Ride Through Performance of Distribution-Connected Generators* for voluntary DER ride-through in Oct 2019 ([PJM Website](#))
- Established minimum ride-through requirements and trip time settings

Jan 1, 2022



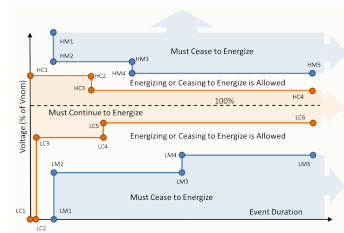
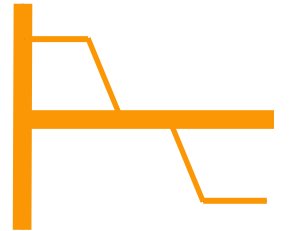
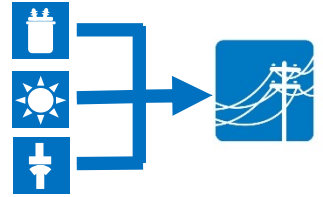
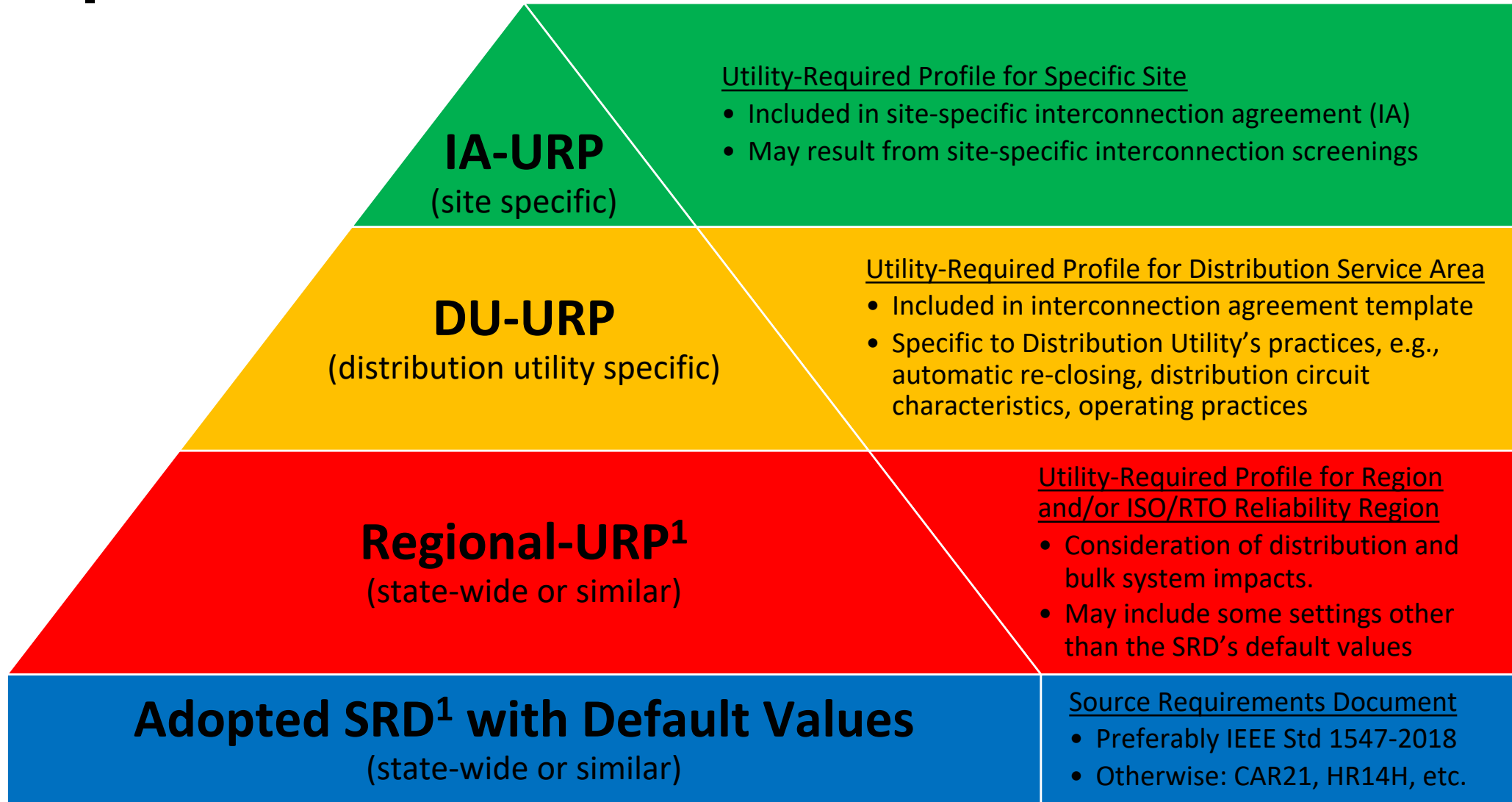
Midcontinent Independent System Operator (MISO) – UL 1741 SB

- MN PUC requested stakeholder process, see [MISO's IEEE 1547 website](#)
- Published the MISO Guideline for IEEE Std 1547-2018 Implementation ([Link](#))
- Established the regional ride-through capabilities and trip time settings

date not specified

**See also NERC's Reliability Guideline
Bulk Power System Reliability Perspectives on the Adoption of IEEE 1547-2018 (March 2020)**

Functional Settings Determine Utilization of New Capabilities



¹ Based on decision by Authority Governing Interconnection Requirements (AGIR), may be a public utilities commission or similar

EPRI's DER Settings Database

EPRI DER Performance Capability and Functional Settings Database

Search for Utilities' Specified Settings Files / Utility-Required Profiles

Select Utility Name
All/Any

Select Geographical Region - Country
All/Any

Geographical Region - State

Choose Beginning Applicable Date
1/1/2000

Select Power Conversion Device(s)
All/Any

Select DER Normal Performance Categories
Category A, Category B

Select DER Abnormal Performance Categories
Category I, Category II, Category III

More/Less Search Options

Search

| File | Utility | Applicable Date | Download |
|--|---|-----------------|----------|
| der-settings-coned-large-inverters.csv | Consolidated Edison Co. of New York, Inc. | Jan 1, 2021 | Download |
| der-settings-coned-small-inverters.csv | Consolidated Edison Co. of New York, Inc. | Jan 1, 2021 | Download |
| der-settings-coned-synch-generator.csv | Consolidated Edison Co. of New York, Inc. | Jan 1, 2021 | Download |
| Idaho Power DER_Settings_2022-10-06_14-09-57.csv | Idaho Power Co. | Jan 1, 2021 | Download |
| JCP&L Default Specified Inverter Settings EPRI CFF.csv | FirstEnergy Service Company | Jan 1, 2021 | Download |
| NG_Specified DER settings_PV_above_50kW.csv | National Grid USA | Jan 1, 2023 | Download |

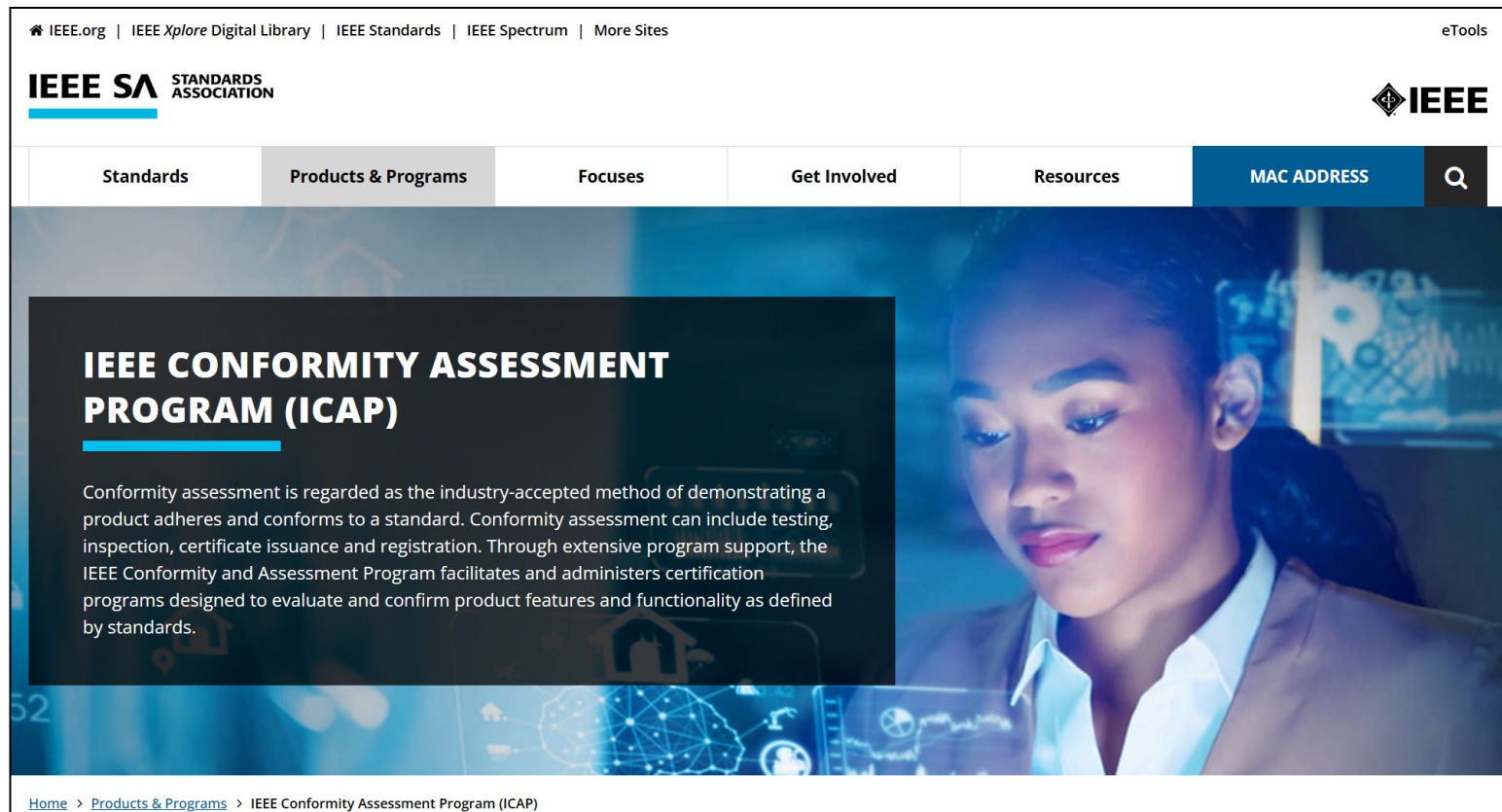
- dersettings.epri.com
- The DER Settings Database stores information on normal and abnormal performance capability requirements and DER configuration settings, in the form of a CSV file, for DER interconnecting in compliance with IEEE Std 1547™-2018.
- Anyone can search and download
- Only authorized utility personnel can upload

Utilities using EPRI's DER Settings Database

| File | Utility | Date of enforcement |
|--|---|---------------------|
| der-settings-coned-large-inverters.csv | Consolidated Edison Co. of New York, Inc. | Jan 1, 2021 |
| der-settings-coned-small-inverters.csv | Consolidated Edison Co. of New York, Inc. | Jan 1, 2021 |
| der-settings-coned-synch-generator.csv | Consolidated Edison Co. of New York, Inc. | Jan 1, 2021 |
| Idaho Power DER_Settings_2022-10-06_14-09-57.csv | Idaho Power Co. | Jan 1, 2021 |
| JCP&L Default Specified Inverter Settings EPRI CFF.csv | FirstEnergy Service Company | Jan 1, 2021 |
| NG_Specified DER settings_PV_above_50kW.csv | National Grid USA | Jan 1, 2023 |
| NG_Specified DER Settings_PV_below_50kW.csv | National Grid USA | Jan 1, 2023 |
| O&R_Specified Settings_PV_above_50kW.csv | Orange & Rockland Utilities, Inc. | Jan 1, 2023 |
| O&R_Specified Settings_PV_below_50kW.csv | Orange & Rockland Utilities, Inc. | Jan 1, 2023 |
| SS_Example_1.csv | Electric Power Research Institute (EPRI) | Jan 1, 2021 |

*dersettings.epri.com

IEEE 1547-2018 Application Resource



The screenshot shows the IEEE Standards Association website. The top navigation bar includes links to IEEE.org, IEEE Xplore Digital Library, IEEE Standards, IEEE Spectrum, and More Sites. The IEEE logo is on the right. Below the navigation bar is a menu with categories: Standards, Products & Programs, Focuses, Get Involved, Resources, and MAC ADDRESS. The MAC ADDRESS category is highlighted. The main content area features a large image of a woman looking at a tablet. Overlaid on the image is a dark box with the text: **IEEE CONFORMITY ASSESSMENT PROGRAM (ICAP)**. Below this, a paragraph explains that conformity assessment is a method for demonstrating product adherence to standards, and that the ICAP facilitates and administers certification programs. At the bottom of the page, a breadcrumb trail reads: Home > Products & Programs > IEEE Conformity Assessment Program (ICAP).

IEEE.org | IEEE Xplore Digital Library | IEEE Standards | IEEE Spectrum | More Sites

IEEE SA STANDARDS ASSOCIATION

IEEE

Standards Products & Programs Focuses Get Involved Resources MAC ADDRESS

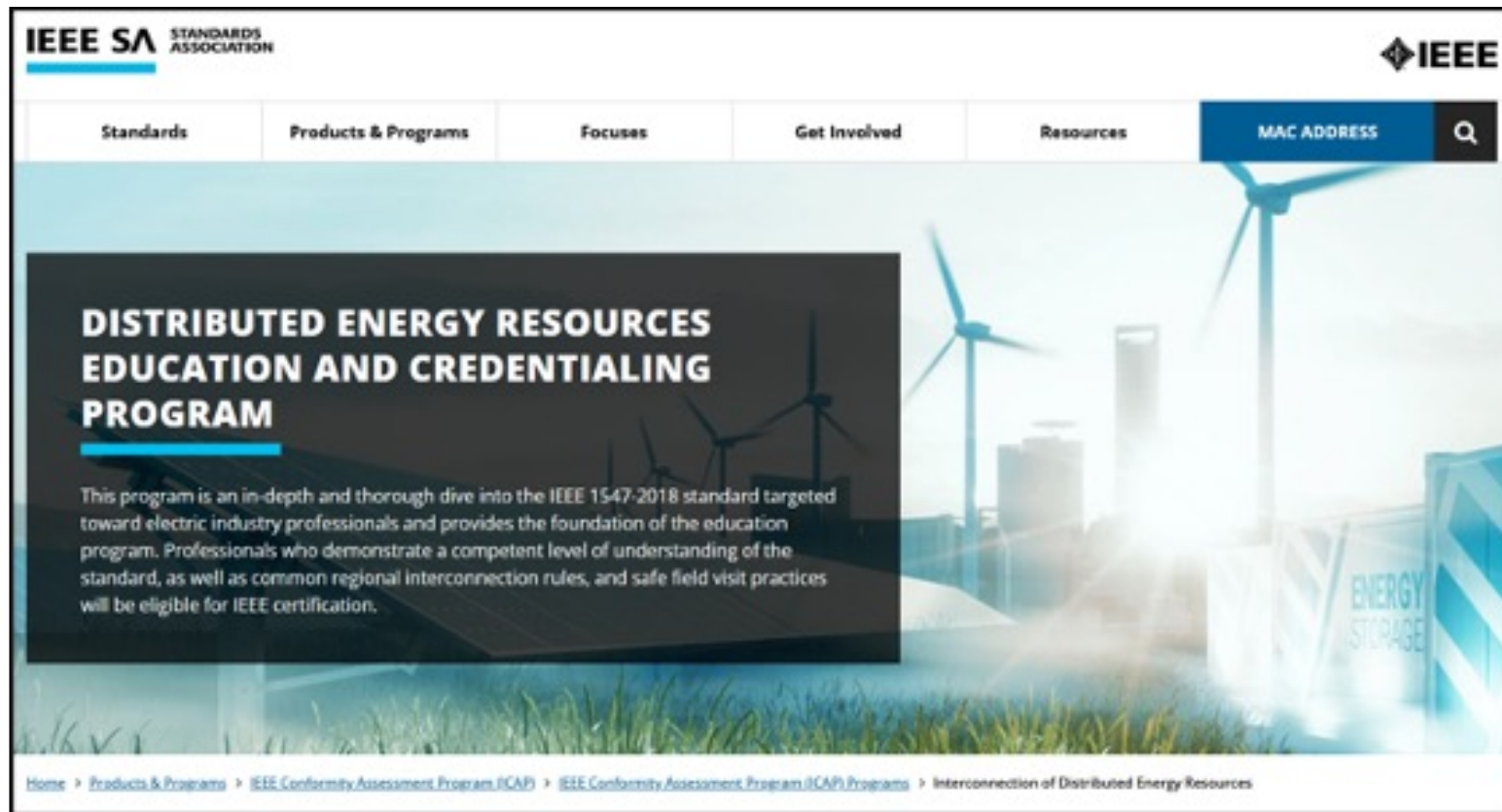
IEEE CONFORMITY ASSESSMENT PROGRAM (ICAP)

Conformity assessment is regarded as the industry-accepted method of demonstrating a product adheres and conforms to a standard. Conformity assessment can include testing, inspection, certificate issuance and registration. Through extensive program support, the IEEE Conformity and Assessment Program facilitates and administers certification programs designed to evaluate and confirm product features and functionality as defined by standards.

Home > Products & Programs > IEEE Conformity Assessment Program (ICAP)

IEEE SA - IEEE Conformity Assessment Program (ICAP)

IEEE 1547-2018 Application Resource



IEEE SA – IEEE Distributed Energy Resources Education and Credentialing program

For suggested updates, please [contact EPRI](#) or use the form at the bottom of [this website](#).