

DER Bulletin 2026-004

DER Standards Industry Session Recording and Feedback Request

On July 28, 2026, FortisAlberta hosted a DER Standards Industry Session at the Employee Development Centre in Red Deer County. FortisAlberta representatives and industry participants discussed DER interconnection processes, technical requirements and implementation considerations.

FortisAlberta has published the session recording to make the information available to participants and others who were unable to attend. The recording is intended to support continued industry review and feedback as FortisAlberta refines its DER requirements and implementation approach.

- [Review the DER technical requirements and supporting documents](#)¹
- [Watch the 2026 DER Standards Industry Session recording](#)²

Session Overview

The session covered:

- » DER growth and the changing characteristics of projects connecting to the distribution system
- » Small micro-generation processes and voltage-related considerations
- » Large micro-generation and distributed generation processes, study requirements and project coordination
- » Hosting capacity, system constraints and increasing project complexity
- » Updates to DER-01, DER-02 and related companion standards
- » Power control systems for export-limited and non-export configurations
- » Proposed electromagnetic transient modelling requirements
- » Implementation timing, transition considerations and next steps

¹ <https://www.fortisalberta.com/customer-service/documents-forms/-in-category/categories/documents/distributed-generation>

² https://www.youtube.com/watch?v=gnaeFo8j0_U

These topics are organized into chapters in the published recording to help viewers navigate to the sections most relevant to their work. The recording is organized into chapters covering the DER overview, small micro-generation, large micro-generation, distributed generation, DER-01 and DER-02, PCS, EMT modelling and next steps.

Feedback Requested

FortisAlberta is seeking feedback from DER proponents, developers, consultants, equipment manufacturers, electricians, customers and other interested industry participants.

Feedback may address:

- Opportunities to improve application, study, interconnection or commissioning processes
- Requirements or responsibilities that need further clarification
- Effective dates and treatment of projects already in development
- Recurring project challenges that may indicate a broader issue
- PCS certification, equipment availability, commissioning and verification
- Emerging technologies, operating approaches or project configurations
- Improvements to guides, forms, roadmaps, communications or online tools
- Other opportunities to improve the consistency and predictability of DER interconnections

Respondents should describe the issue, explain its practical effect and identify a recommended action where possible.

Focused feedback on EMT modelling

Draft DER-02F has been released for industry feedback and is not currently in effect. It describes the proposed approach for EMT model submission, quality testing, conformity testing, post-commissioning validation and lifecycle management.

FortisAlberta is particularly seeking technically supported feedback on:

- The proposed 500 kVA threshold and other applicability criteria
- Availability of suitable original equipment manufacturer and plant-level models
- PSCAD and EMTP-RV model requirements
- Model quality, conformity testing and post-commissioning validation
- Cost, lead time, software access and availability of specialized expertise
- Manufacturer confidentiality or intellectual property restrictions
- Treatment of existing equipment and projects already in development
- Industry readiness for the proposed implementation approach

- Alternative approaches that would achieve the underlying technical objectives

Where feedback recommends changing, removing, delaying or providing an alternative to a technical requirement, respondents should include relevant supporting information where available. This may include applicable standards, technical literature, engineering studies, manufacturer documentation, certification reports, model testing, commissioning results or relevant operating experience.

Action requested

Industry participants are encouraged to:

1. [Review the DER technical requirements and supporting documents](#)³
2. [Watch the 2026 DER Standards Industry Session recording](#)⁴
3. Submit feedback on the processes and technical topics presented.
4. Provide supporting technical information where a change to a proposed requirement is recommended.

Submit feedback through FortisAlberta's DER Industry Feedback Portal by Sept. 30, 2026.

[Submit DER industry feedback](#)⁵

Feedback submitted through the portal is intended to inform broader process, policy and technical improvements. Submission of feedback does not constitute approval of a project, product, design, technical exception or alternative interconnection arrangement. Project-specific matters should continue through the applicable FortisAlberta project contact or existing DER interconnection process.

FortisAlberta appreciates industry's continued participation in supporting safe and reliable DER integration and more practical, predictable customer connections.

³ <https://www.fortisalberta.com/customer-service/documents-forms/-in-category/categories/documents/distributed-generation>

⁴ https://www.youtube.com/watch?v=gnaeFo8j0_U

⁵ <https://forms.cloud.microsoft/Pages/ResponsePage.aspx?id=-lmRR9pIIkq9snkBrvnT1iU8nQZX0t9MiqvsMvLQAXhUNzkyTVIEWkJLUEtKRVgwWFFZNMkkyTDROVi4u>