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Unregistered Distributed Generator (UDG) Workshop

ERCOT
April 30, 2026

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¹ The document is available at <http://www.ercot.com/about/governance/index.html>.

Agenda

1. UDG Background– Thinesh Devadhas Mohanadhas, ERCOT
2. MOD 32 Background – John Schmall, ERCOT
3. UDG Data Collection – Joel Koepke, ERCOT
4. TDU Looking Ahead Discussions - All TDUs

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NPRR1265 Unregistered Distributed Generator (UDG) Workshop

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UDG Background

Introduction

To review NPPRR1265, Unregistered Distributed Generator (UDG), and associated implementation activities. NPPRR1265 establishes a definition for Unregistered Distributed Generators (≤ 1 MW) and introduces new reporting requirements for TSPs and DSPs to support improved system modeling and reliability.

- HB 3390 → Enables ERCOT to collect data via TSPs.
- RTF / NPPRR 1265 → UDG Definition
- UDG Workshops → Implementation + Stakeholder Alignment
- NERC / FERC Efforts → Proper representation of DER - Integration of DER into Reliability Standards

Background

[HB 3390](#) – PURA Section 39.9165. DISTRIBUTED GENERATION FACILITY REPORTING

- HB3390, which passed on June 2, 2023, helped to clarify reporting responsibilities of Distributed Generation.
- HB 3390 introduced language that authorizes ERCOT to require owners or operators of Distributed Generation to provide information to their respective DSPs that ERCOT determines necessary for maintaining system reliability.
- HB 3390 authorizes ERCOT to require TSPs to report to ERCOT, in aggregate by delivery port, the reported information regarding Distributed Generation.

Background

The Resource Definition Task Force ([RTF](#))

- NPRR [1265](#) incorporates the Resource Definition Task Force's (RTF's) RTF-5 defined term "Unregistered Distributed Generator (UDG)" to clarify the appropriate use of DG or subtype of DG throughout the Protocols and meets the RTF's objectives to "identify problematic terms" in the Protocols and "improv[e] the current structure and terms where practical."

Background

[Unregistered DG \(UDG\) Workshops](#)

- To communicate and update ERCOT goals for Unregistered Distributed Generation (UDG) data collection.
- ERCOT wants to avoid the planning and operational impacts from lack of information about the remaining DG growth – Data collection and Planning Requirements. Also align with NERC SPIDERWG for DG.
 - <https://www.ercot.com/calendar/03302021-Unregistered-DG-Workshop-I>
 - <https://www.ercot.com/calendar/06152023-Unregistered-DG-Workshop-II>

Background

- Appropriate representation of DER in planning and operational assessments is recommended by NERC through numerous published reliability guidelines and other technical documents.
- Additionally, there is ongoing work to incorporate DER into reliability standards as necessary, including work related to FERC Order No. 901.
 - https://www.nerc.com/pa/Documents/DER_Quick%20Reference%20Guide.pdf

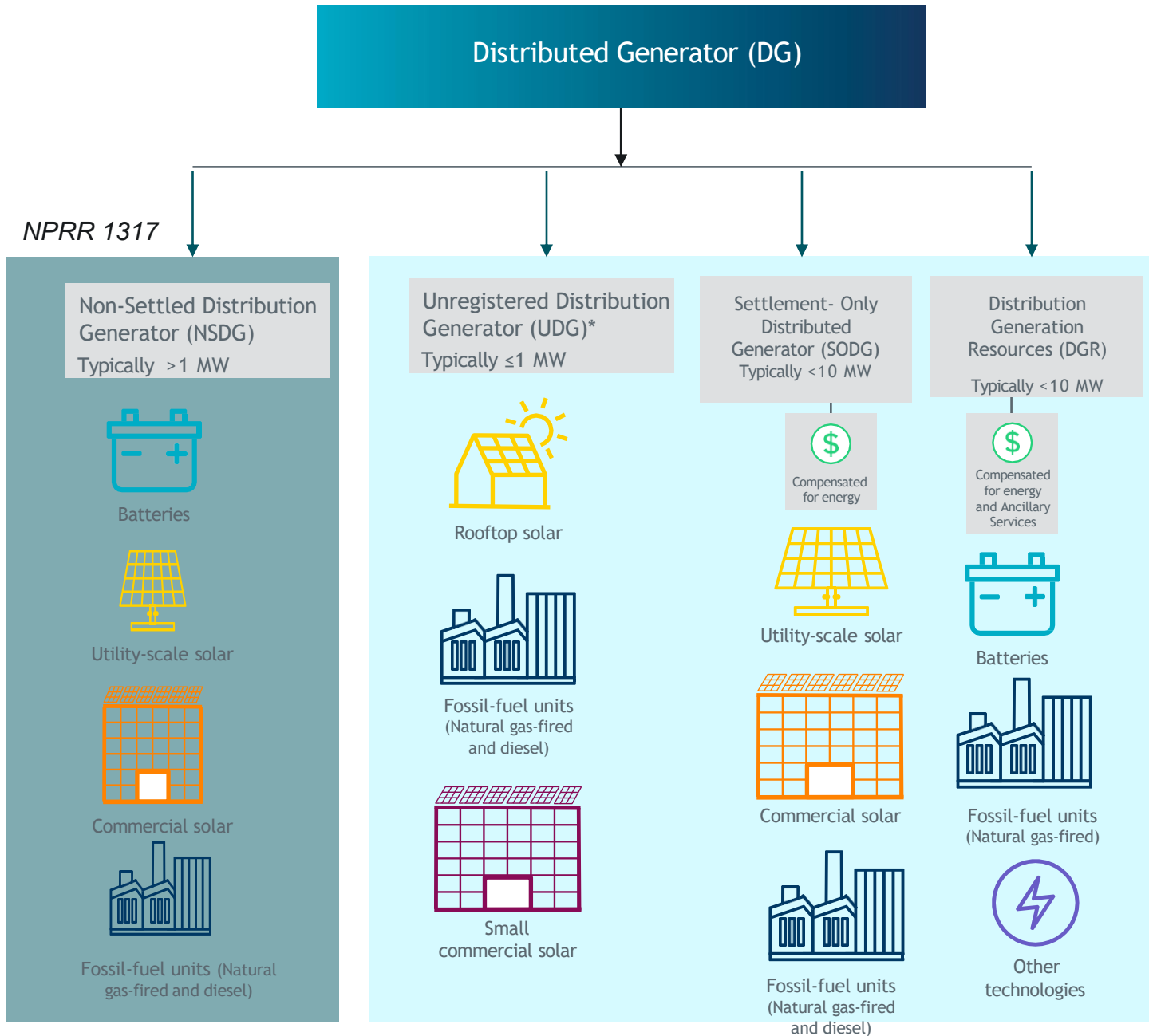
Definition

Distributed Generator (DG)

An electrical generator, including an Energy Storage System (ESS), that is connected , either (i) directly or (ii) indirectly through the Distribution System to the ERCOT System, and that may be connected in parallel operation to the ERCOT System. DG includes the following:

Unregistered Distributed Generator (UDG)

A generator with a nameplate capacity of **one MW or less** that is connected to the Distribution System, and which is not registered with ERCOT for the purpose of Settlement.



*NPRR 1265 Unregistered Distributed Generator

Questions/Comments?

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