

# Integrated Distribution System Planning Working Group (IDSP WG) District of Columbia

Session 1 - Formal Case No. 1182

February 11, 2026

*In Partnership With*



Energy+Environmental Economics



# Welcome and Agenda

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- 1:00 - 1:05    **1. Welcome and Agenda**
- 1:05 – 1:15    **2. Project Introduction**
- 1:15 – 1:30    **3. Overview of Integrated Distribution System Plan (IDSP) Activity in the US**
- 1:30 – 1:45    **4. Key Topic 2 Overview: Supporting a Transparent and Data-driven IDSP**
- 1:45 – 2:15    **5. Pepco Presentation on Data Reporting and Sharing Process, and Q&A**
- 2:15 – 2:45    **6. Overview of January 28, 2026 Filing, and Q&A (Led by DOEE/OPC)**
- 2:45 – 3:00    **7. Next Stakeholder Session Date, Presenters, and Topics**

# Participation Guidelines

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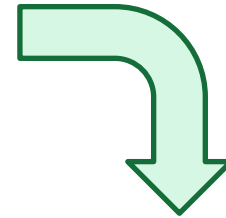
- + Please mute yourself when not speaking, and kindly silence or turn off cell phones during the workshop
- + Please post questions in chat as we go along, or use the 'Raise hand' function for any questions during the Q&A breaks
  - Chat and Raise Hand buttons are located at the top of the screen
  - Written questions can also be submitted after the meeting
- + We will be conducting polling during the session. Links will be posted in chat.
- + Please identify yourself and your organization when speaking or commenting in the chat.
- + There will be brief pauses for Q&A, with dedicated time for questions and feedback near the end of today's workshop.
- + AI will be used to support the transcribing meeting minutes. Meeting minutes will be published on the Commission's docket system no more than 10 days after each session.



# Today's Meeting Objectives

## What we'd like to share

- Introductions, project scope, and logistics ✓
- Overview of IDSP activity in the US for context
- Introduction to transparency and data-driven principles for the IDSP process (Topic 2)
- Pepco's view of data reporting & sharing process
- DOEE & OPC's view of core IDSP components



## What we're asking from you:

- Input on stakeholder engagement process (e.g., cadence, format)
- Questions and discussion on today's key topics
- "Homework" for next session

# Project Introduction



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# Team Introductions:

## Energy Shrink

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### Energy Shrink Advisory Team

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**Smita  
Chandra Thomas**



**Kara  
Hausamann**



**Emmanuel  
Iddio**



**Aditya  
Desai**

Energy Shrink is a DC-based consulting practice with deep expertise in DC policy and demand-side energy management, with extensive experience supporting DC PSC proceedings.

Energy Shrink will be supporting E3 in this engagement.

# Team Introductions:

## Energy and Environmental Economics (E3)

### E3 Project Leadership and Management



**Eric Cutter**  
*Project Partner*



**Andrew DeBenedictis**  
*Project Lead*



**Isabelle Riu**  
*Project Manager*



**Chelsea Petrenko**  
*Stakeholder Lead*

E3 is a consulting firm that helps regulators, policy makers, utilities, developers, and investors make the best strategic decisions possible as they navigate the clean energy transition.

E3 will be the lead consultant in this engagement.

### E3 Subject Matter Experts and Analysis Team



**Andrew Solfest**



**Sami Pandey**



**Morgan Santoni-Colvin**



**Jens Schoene**



**Jeremy Laundergan**



**Bob Zavadil**



**Arne Olson**

# Stakeholder Introductions

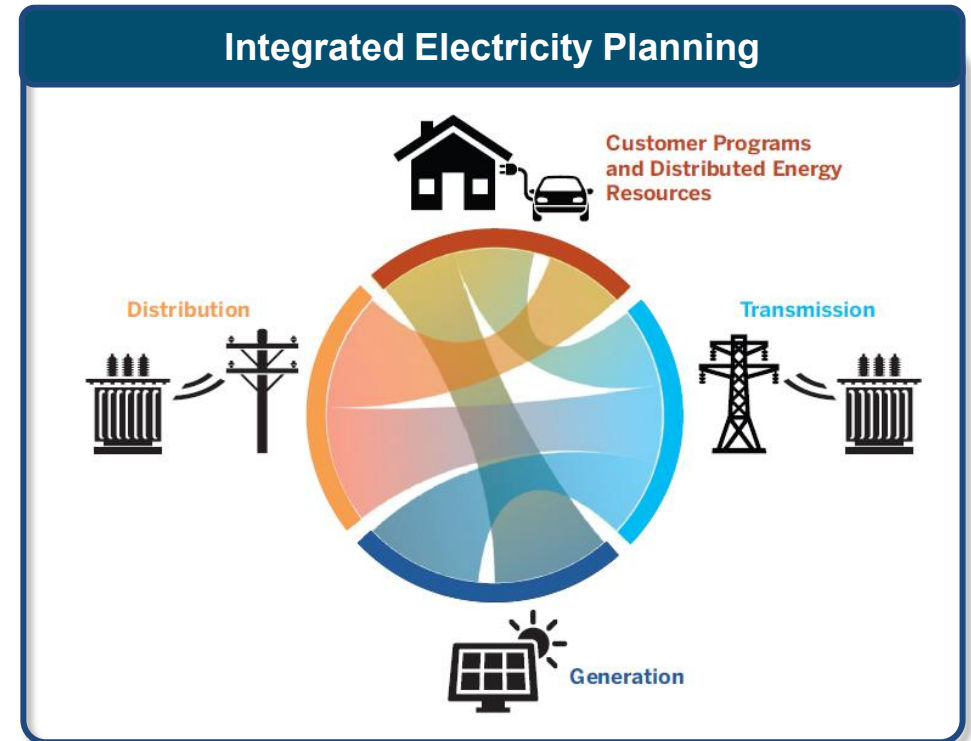
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- + In the chat, please share your name and organization, and role/interest in the development of the Integrated Distribution System Planning framework



# Project Context

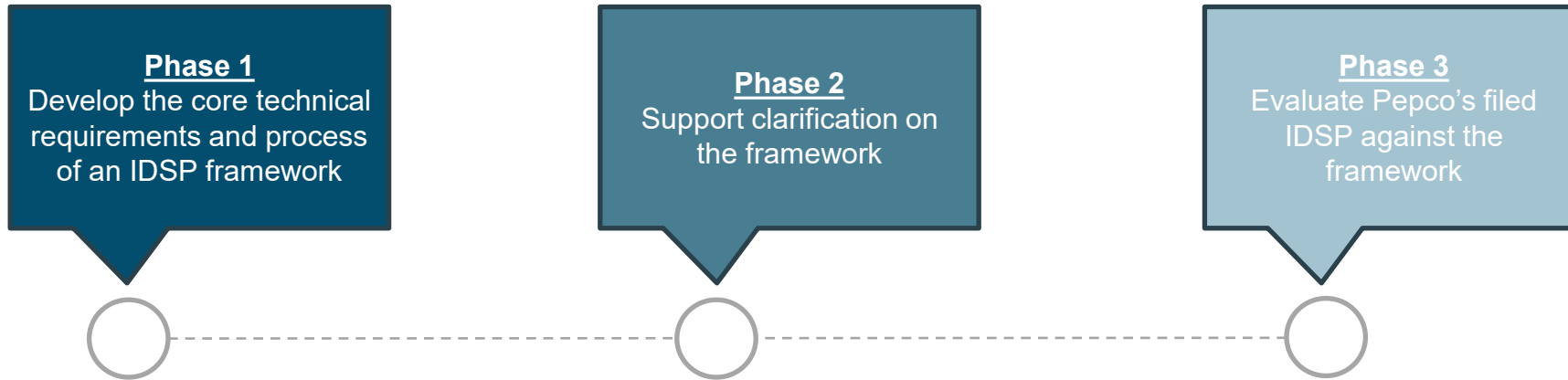
- + DC's electric distribution system, like others across the US, is facing rapid change, driven by electrification, distributed energy resources (DERs), resilience needs, and equity priorities
- + Distribution planning can be challenging due to:
  - **System complexity increasing:** Growing DER adoption, EVs, load uncertainty, and extreme weather introduce new planning considerations
  - **Planning methods must evolve:** Traditional approaches use short time horizons and a single forecast, which are no longer sufficient given the pace and uncertainty of system change
  - **Scale and impact:** The large and growing number of local grid decisions, directly affects reliability, affordability, resilience, and climate and equity goals
- + Increasing interdependencies and uncertainty are driving a shift toward integrated planning approaches that better coordinate decisions across time horizons and processes



**Integrated Distribution System Planning (IDSP) is being adopted by many jurisdictions to better integrate distribution planning with overall electricity system planning processes and enable more of a strategic vision**

# Project Objectives

- + Project objective is to develop and apply an Integrated Distribution System Planning (IDSP) framework informed by stakeholder perspectives to guide Pepco and stakeholders for effective long-term planning



- + Integrated planning is intended to help identify:



**The right investments** (such as balancing grid investments, load flexibility, etc. to meet reliability, cost, policy and equity objectives)

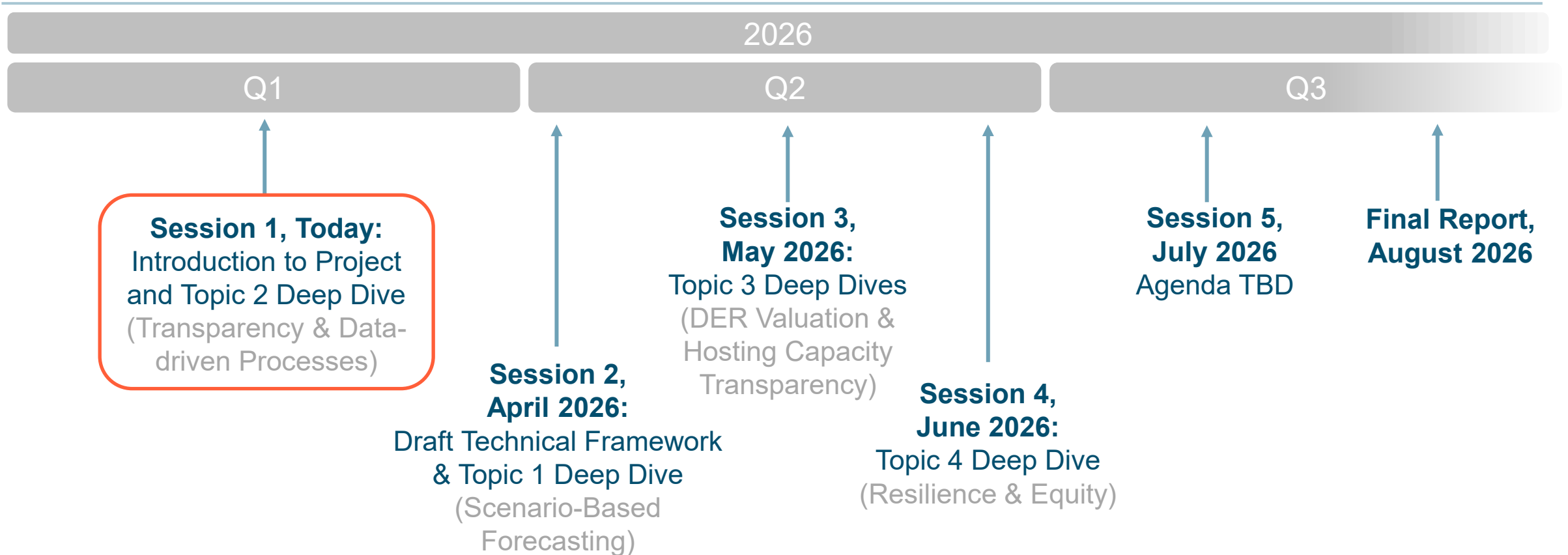


**... In the right places** (such as understanding where load growth, DERs, and resource needs are to inform optimal siting decisions)



**... At the right times** (such as aligning investment timing with load growth and system needs to enable proactive buildout)

# Project Timeline: 2026 Stakeholder Sessions



*Phase 2 will be Fall 2026 - Spring 2027, with up to 5 sessions focused on supporting clarification requests on the framework*

*Phase 3 will be Fall 2027 - Summer 2028, with up to 5 sessions, and will focus on evaluating Pepco's IDSP*

# Overview of Integrated Distribution System Plan Activity in the US



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# IDSP priority topics vary widely by state but focus on grid modernization to integrate new loads and DERs

	State	D.C. (Proposed)	Colorado	Connecticut	Massachusetts	Minnesota	New York
Planning Horizon		5-year, plus 10-15-year outlook	5-year minimum, plus 10-year outlook	TBD – In active development	5-year, plus 10-year and 2050 forecasts	5-year	5-year
Update Frequency		3 years	2 years	TBD	5 years	2 years	2 years
Grid Modernization (Automation, Telecom, Reliability)		✓	✓	✓	✓	✓	✓
Electrification		✓	✓	✓	✓	✓	✓
Renewable/DER Integration		✓	✓	✓	✓		✓
Affordability		✓		✓	✓		✓
Load Forecasting Improvements			✓	✓	✓	✓	✓
Proactive Hosting Capacity Expansion			✓	✓	✓	✓	✓
Streamlined Interconnection			✓	✓			✓
Wildfire Resilience						✓	
Housing Expansion			✓				
Equitable DER Access			✓		✓		
Flexible Loads			✓	✓	✓		✓
Evaluation of Non-Wires Alternatives					✓		✓

Priority Topic Areas

# Stakeholder Discussion

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On the IDSP activity overview:

- + What does the group see as critical barriers for producing an IDSP? What opportunities do you see?
- + Are there examples of success that you would like to highlight for consideration?

On the broader process:

- + Any pertinent topics that stakeholders would like to present on after Topics 1-4 are addressed?
- + Any feedback on proposed cadence of sessions or format of the meetings?

Please send additional feedback and responses to these questions to Isabelle Riu ([isabelle.riu@ethree.com](mailto:isabelle.riu@ethree.com)) and Kara Hausamann ([hausamann@energyshrink.com](mailto:hausamann@energyshrink.com)) ideally within 2 weeks of the session (2/25)

# **Key Topic 2 Overview: Supporting a Transparent and Data- Driven IDSP Process**



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# Integrated distribution planning requires more robust planning and bringing stakeholders fully into the fold

## Guiding Principles

- + Consideration of long-term planning in investment decisions and capital budgets
- + Scenario-based planning to evaluate needs across various DER, electrification, and policy futures
- + All finalized data and reporting to be made public unless otherwise justified
- + Broadly applicable, consistent, and transparent process for evaluating investment alternatives
- + Explicit weighting of core objectives in decision-making
- + Regular reporting on progress toward planning objectives and any modifications
- + Defined avenues for ongoing stakeholder involvement
  - Clear documentation of reasons for acceptance or rejection of stakeholder input

## Common Challenges

- + Short decision timeframes for stakeholders to react to data and planning needs
- + Aligning top-down and bottom-up forecasting
  - Increased uncertainty on feeder-level future needs
- + Sparse or spotty data on downstream equipment usage and condition
- + Limited transparency in standard system modeling tools
- + Volume and granularity of investment decisions
- + One-off or lightly documented decision processes
- + Specialized expertise – initial educational barriers for public understanding

**What pain points have you experienced with existing processes?**

# Key Elements

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Documentation of data inputs, methodologies, assumptions and outputs



Alignment of planning submissions with consistent data classifications and assumptions



Incorporate and align with relevant planning reports (e.g., ACR)



Handling of Critical Infrastructure Information (CII)

# **Pepco Presentation on Data Reporting and Sharing Process**



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# Overview of January 28, 2026 Filing (Led by **DOEE/OPC**)



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# Next Stakeholder Session Date and General Resources



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# Closing and Next Steps

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**+ This is only the beginning of the conversation!**

**+ Next stakeholder session date will be on Wednesday, April 8 at 1-5 pm ET**

- Topics will include:
  - Topic 2?
  - Discussion of Topic 1: Scenario-Based Forecasting
  - Overview of proposed core technical elements and processes for an IDSP framework

**+ Stakeholder Session Resources and Communication**

- Future sessions will be announced via public notice (Formal Case No. 1182)
- Session minutes will be docketed within 10 days of each sessions
- Please share any questions or feedback after the meeting with Isabelle Riu ([isabelle.riu@ethree.com](mailto:isabelle.riu@ethree.com)) and Kara Hausamann ([hausamann@energyshrink.com](mailto:hausamann@energyshrink.com)) ideally within 2 weeks of the session (2/25)