



**NYSERDA**

# **Integrated Energy Data Resource**

**Call for initial comments addressing the identification and prioritization of IEDR use cases**

**June 4, 2021**

# Agenda

- Welcome and Introductions
- Background
- Developing Use Case Profiles
- Completing the Template
- Questions and Answers

# Webinar Logistics

- All attendees are muted
- Submit questions through the Q&A feature
  - If submitting a question, send “To Host”
- Following the webinar, submit questions to [iedr@nyserda.ny.gov](mailto:iedr@nyserda.ny.gov)
- Slides and Q&A will be posted
  - <https://www.nyserda.ny.gov/All-Programs/Programs/Clean-Energy-Standard/Important-Orders-Reports-and-Filings/Integrated-Energy-Data-Resource>

# IEDR Background

# Scope

- **PSC Order<sup>1</sup> directed the Implementation of an Integrated Energy Data Resource (IEDR) that securely collects, integrates, and provides useful access to a large and diverse set of energy-related information on one statewide data platform from the State's electric and gas utilities and other sources.**
- **Information and Tools made accessible through the IEDR will provide useful insights related to the provision and use of electricity and natural gas in New York State for all types of users.**
- **Inclusion of Analytic Tools that would enable DER providers, utilities, government agencies, and others to develop valuable technical and business insights.**

1. <http://documents.dps.ny.gov/public/Common/ViewDoc.aspx?DocRefId={3CDC0522-7F50-49E1-A053-EA236B3DED10}>

# Process

**Directed the development of the IEDR's design and adopted the necessary frameworks for funding, program management, and governance.**

- **This begins with the assignment of the Program Sponsor role to NYSERDA, responsible for defining, initiating, overseeing, and facilitating the IEDR Program on behalf of the State.**
- **The Program Sponsor will first select the Program Manager, that would determine and recommend how best to carry out the IEDR Stakeholder Engagement, Architecture, Design, Implementation, and Operation.**
- **The Program Sponsor and Program Manager's work will be overseen by way of a Steering Committee and with input from an Advisory Group.**

# Program Schedule

- **Adopted a two-phase approach for the IEDR Program schedule:**
  - **Program Phase 1, the initial IEDR implementation, shall enable at least *five of the highest priority use cases* with the expectation that there could be ten or more achieved.**
  - **Program Phase 2 shall expand and enhance the initial IEDR to enable approximately an *additional forty use cases* incrementally, by building upon the success of Phase 1.**
- **Total duration for enabling approximately fifty IEDR use cases shall be about 60 months**
- **Phase 1 shall be completed in 24 – 30 months**
- **Phase 2 shall be completed in additional 30 – 36 months**

# Developing Use Case Profiles



# Foundational Concepts

- **Today is the start of a process that will continue throughout the life of the IEDR**
- **First step – Obtain profiles of candidate IEDR use cases by identifying and understanding the goals of candidate use cases**
  - **Starts with today's webinar and continues for 3 months through August 2021 with the availability of a compilation of comments that will be prepared by NYSERDA**
- **Objectives during the next three months:**
  - **Commence robust stakeholder engagement that will enable development of an initial inventory of use cases, required data elements and prioritization criteria**
  - **Provide the framework for further ongoing refinement of use cases and development of the IEDR**

# Foundational Concepts

- **Development of the IEDR requires clearly defined use cases that include an identification of needed data elements**
- **Recognize that stakeholders have different contexts and use different language/level of detail to consider IEDR use cases**
  - **Customer research**
  - **Software development**
  - **Operations engineering**
  - **Public policy**
- **IEDR definition of use case**
  - **The IEDR requires both use cases that are high level and support process design as well as use cases that are detailed and technical that support software development**
  - **As noted in the Invitation to Stakeholders, stakeholders may offer their recommendation for the definition of use case for the IEDR**

# Calendar of Activities

- **June 4, 2021 – Introductory webinar**
- **Week of June 21, 2021 – Sector-specific workshops with members of the DPS & NYSERDA IEDR team**
- **July 23, 2021 – Deadline for filing of comments**
- **August 20, 2021 – Publication of compilation of written comments**

# Sector Specific Workshops

- **Opportunity for focused discussions with NYSERDA & DPS addressing use cases related to a specific industry or group of stakeholders**
  - **Intended as a resource to assist stakeholders in providing written comments.**
- **Will be scheduled during the week of June 21, 2021, at the request stakeholders.**
  - **Ask that stakeholders from a sector coordinate coordinate a group request for scheduling a workshop when possible**
  - **Request to schedule a workshop to be made by sending an email to [iedr@nyserda.ny.gov](mailto:iedr@nyserda.ny.gov)**
- **Discussions occurring during the sector specific workshops are not a substitute for completing and submitted the template and will not be included as part of the compilation of comments that will be prepared by NYSERDA**

# Submission of Written Comments

- **Objective – Obtain initial profiles of candidate IEDR use cases by identifying and understanding the goals of candidate use cases**
- **Request that stakeholders from a sector collaborate and collectively submit submit comments/ use case profiles**
- **Using template for preparation of initial use case profiles in order to facilitate**
  - **Common approach to share different perspectives and options**
  - **Preparation of a compilation of responses**
  - **Balancing ability of individual respondents to communicate unique perspectives while facilitating developing an initial compilation of responses**

➤ **Template available at:** <https://www.nyserda.ny.gov/All-Programs/Programs/Clean-Energy-Standard/Important-Orders-Reports-and-Filings/Integrated-Energy-Data-Resource>

# Completing the template

- **Instructions for filing will be on the template**
- **Each potential use case is to be addressed by separate profile**
- **Use case profiles to be presented by responding to the questions/topics presented by the template**
  - Each question/topic may be addressed by up to one page of narrative accompanied by up to one additional page of diagrams, charts, tables, maps and references
- **In completing the profile(s) stakeholders should pay particular attention to describing**
  - Specific business and public policy goals of the use case being profiled including, but are not limited to, how the use case *materially* improves or accelerates investment, operational or regulatory decisions related to DERs, energy efficiency, environmental justice or electrification strategies for transportation and buildings thereby facilitating one or more of New York State's REV and CLCPA objectives
  - The use case process, highlighting the data involved such as preconditions/requirements, steps, inputs activities and outputs
  - Urgency; why the use case should be prioritized ahead of others
- **Copies of all submissions will be available on the IEDR website at the time of the publication of the summary compilation**

# Public Record

## Proceeding on Motion of the Commission Regarding Strategic Use of Energy Related Data

- Case Number 20-M-0082
- <https://www.dps.ny.gov/>

IEDR webpage: <https://www.nyserda.ny.gov/All-Programs/Programs/Clean-Energy-Standard/Important-Orders-Reports-and-Filings/Integrated-Energy-Data-Resource>

Contact the team: [iedr@nyserda.ny.gov](mailto:iedr@nyserda.ny.gov)

# Questions?

Please send questions via the Q&A feature of WebEx

Following the webinar, contact the team via: [iedr@nyserda.ny.gov](mailto:iedr@nyserda.ny.gov)

