

Integrated Energy Data Resource (IEDR) Program Quarterly Report Through March 31, 2025

Final Report | April 2025



NYSERDA

New York State Energy Research
and Development Authority

50 YEARS 1975-2025

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NYSERDA catalyzes New York's clean energy transition.

Our Vision:

Clean energy that supports a healthier and thriving future for all New Yorkers.

Our Promise to New Yorkers:

NYSERDA serves New York State as a trusted and credible resource for energy information, policies, and programs, through objective analysis and planning, innovative solutions, and impactful investments that are valued by New York residents and businesses.

NYSERDA Record of Revision

Document Title
Integrated Energy Data Resource (IEDR) Program Quarterly Report Through March 31, 2025

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Integrated Energy Data Resource (IEDR) Program Quarterly Report Through March 31, 2025

Final Report

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Abstract

The Integrated Energy Data Resource (IEDR) Program Quarterly Report is intended to inform the Public Service Commission (PSC), market participants, and additional parties interested in the progress of the IEDR Program. More specifically, this report provides information on progress made in achieving the IEDR Program’s stated goals and objectives.

Keywords

Integrated Energy Data Resource, IEDR, use case, IEDR Advisory Group, IEDR Steering Committee, Utility Coordination Group

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Acronyms and Abbreviations

AG	Advisory Group
API	Application Programming Interface
CBO	Community-based Organization
CCA	Community Choice Aggregation
CDG	Community Distributed Generation
Central Hudson	Central Hudson Gas & Electric Corporation
Climate Act	Climate Leadership and Community Protection Act
Con Edison	Consolidated Edison, Inc.
DAC	Disadvantaged Community
DAF	Data Access Framework
DER	Distributed Energy Resource
DG	Distributed Generation
DPS	New York State Department of Public Service

DR	Demand Response
EE	Energy Efficiency
ESE	Energy Service Entity
EV	Electric Vehicle
EV	Electric Vehicle Supply Equipment
GBC	Green Button Connect
GHG	Greenhouse Gas
GSE	General Stakeholder Event
HEAP	Home Energy Assistance Program
HVAC	Heating, Ventilation, and Air Conditioning
ICAP	Installed Market Capacity
IEDR	Integrated Energy Data Resource
IEDR EJWG	IEDR Environmental Justice Stakeholder Working Group
IEDR Order	Order Implementing an Integrated Energy Data Resource
IEDR Phase 2 Order	Order Approving Integrated Energy Data Resource Phase 2 Budgets
IOUs	Investor-Owned Utilities
JU	Joint Utilities of New York
Liberty	Liberty Utilities
LIPA	Long Island Power Authority
MVP	Minimum Viable Product
MWh	Megawatt Hours
National Fuel	National Fuel Gas Company
NYPA	New York Power Authority
NYSEG	New York State Electric and Gas
O&R	Orange & Rockland Utilities, Inc.
PSEG LI	Public Service Enterprise Group Long Island
PM&C	Program Management and Control
PSC	New York State Public Service Commission
PSIP	Program Sponsor Implementation Plan
Q&A	Question and Answer
RFP	Request for Proposals
RG&E	Rochester Gas and Electric Corporation
SMEs	Subject Matter Experts
UAT	User Acceptance Testing
UCG	Utility Coordination Group
UER	Utility Energy Registry

1 Background

Through changes in its energy policy, New York State is transforming its electricity system into one that is cleaner, more resilient, and affordable. However, effective access to useful energy-related data is required to achieve these goals. The urgency of providing this data has increased with the State's enactment of the Climate Leadership and Community Protection Act (Climate Act).

On February 11, 2021, the New York State Public Service Commission (PSC) issued its Order Implementing an Integrated Energy Data Resource (IEDR Order)¹ and directed the implementation of an IEDR to securely collect, integrate, and provide broad and appropriate access to large and diverse sets of useful energy-related information on one statewide data platform. The IEDR Order designated the New York State Energy Research and Development Authority (NYSERDA) as the IEDR Program Sponsor, responsible for defining, initiating, overseeing, and facilitating the IEDR Program on behalf of New York State.

The IEDR Order directs NYSERDA to file quarterly reports in this proceeding, with reports filed at the end of April, July, October, and January for the prior quarter, including information from the Program Manager's monthly reports, addressing all aspects of the IEDR Program. As directed, these program reports will—in the context of the schedule and budget—describe and explain (where necessary) the program's accomplishments and expenditures to date, current work and expenditures in progress, the latest program risk assessment and mitigation plan, and upcoming work and expenditures.

In issuing the IEDR Order, the PSC adopted the detailed approach and plan for the establishment of an IEDR presented in a whitepaper published by the Staff of the New York State Department of Public Service (DPS) in May 2020.²

The IEDR Order articulated the foundational principles for the development of the IEDR through the entire life cycle of the initiative and stated that the IEDR will be guided by the policy of obtaining the best overall value for New York State. Such program guiding principles included involving stakeholders to accelerate implementation timelines, reducing initiative costs and risks, and protecting the agreed-upon scope by partnering with high-quality service providers, aligning with the State's values.³

NYSERDA, as the Program Sponsor, has established a process that is based on three commitments:

1. Effective and extensive collaboration with and among stakeholders, including the State's utilities.
2. Procuring the services of individuals and organizations that possess the necessary expertise and experience in the development, implementation, and operation of a data platform of similar scale and scope.
3. Unambiguous regulatory requirements, including firm schedules and milestones.

On April 15, 2021, the PSC issued an Order to establish a uniform and comprehensive Data Access Framework (DAF) to govern the means and methods for accessing and protecting all types of energy-related information.⁴ This Order was based on DPS Staff recommendations.⁵ Accordingly, all aspects of designing and operating the IEDR will comply with any such framework that the PSC may establish.

The IEDR Order designated NYSERDA to assume the role of the IEDR Program Sponsor and assigned responsibility for defining, initiating, overseeing, and facilitating the IEDR Program on behalf of the State. The Program Sponsor's principal duties include the following:

1. Creating the IEDR Program Charter to formally establish the IEDR Program's purpose, scope, guiding principles, objectives, participants, roles, and responsibilities.
2. Organizing the membership and initial meeting schedule for an IEDR Steering Committee.
3. Organizing the membership and initial meeting schedule for an IEDR Program Advisory Group (AG).
4. Organizing the membership and initial meeting schedule for an IEDR Program Utility Coordination Group (UCG).
5. Specifying, procuring, and administering the services provided by a professional program manager.
6. Providing the means and methods for expending the PSC-directed funding related to the program and reporting of such expenditures and IEDR Program progress.
7. Ensuring robust stakeholder engagement throughout the life of the IEDR Program through multiple means of communication.
8. Monitoring adherence to the Program Charter by all program participants.
9. Helping the Program Manager investigate and resolve issues that could negatively affect costs, schedule, or benefits.

The IEDR Order establishes the regulatory expectation that the IEDR will enable approximately 50 use cases over Phases 1 and 2 and specific deadlines for achieving minimum performance capabilities. This approach enables the development, implementation, and operation of the IEDR in meaningful and achievable segments. Specifically, the PSC established a two-phase schedule for the development and operation of the IEDR:

- Phase 1: The initial IEDR implementation will enable at least 5 of the highest priority use cases with an expectation that 10 or more could be achieved. Phase 1 will be completed within 24–30 months of the work’s commencement by the Program Manager (on or about April 1, 2024).
- Phase 2: The initial IEDR will expand and enhance approximately 40 additional use cases, building on the successful implementation and operation of Phase 1. Phase 2 will be completed 30–36 months after the completion of Phase 1 (about October 1, 2026–April 1, 2027).

The IEDR Order further recognizes that details associated with the development, design, and implementation of each phase of the IEDR Program must be preceded by specific activities requiring planning that will impact the scheduling of subsequent activities and the establishment of milestones. These activities include obtaining:

- Advice and recommendations of stakeholders through workshops and technical conferences.
- The services of a Program Manager, Solution Architect, and other professional resources as described in the IEDR Order.
- A workplan and budget from the Program Manager for both Phase 1 and Phase 2.
- Recommendations of the AG.

1.1 Stakeholder Engagement Background

The IEDR Order⁶ articulates policy objectives and establishes venues and processes that are intended to ensure the broadest possible opportunity for stakeholder contributions throughout the entire life cycle of the IEDR initiative. Robust stakeholder engagement is required to ensure the centralized platform provided by the IEDR will be a trusted resource that all interested parties and stakeholders can use to efficiently access and analyze pertinent elements of the State’s energy system and customer information. Furthermore, stakeholder engagement will play a critical role in defining and prioritizing the many use cases anticipated by the IEDR Order. The IEDR Order provides for the establishment of an AG that will bring together a broad spectrum of stakeholder perspectives to inform the design and operation of the IEDR. The Program Sponsor will organize, convene, and facilitate the work of the AG.

Achieving the breadth and depth of stakeholder participation envisioned by the IEDR Order requires meaningful opportunities for broad stakeholder engagement that complements and contributes to the AG’s work. To that end, the Program Sponsor will continue to provide all interested stakeholders with meaningful opportunities to contribute to the development of the IEDR through a robust schedule of workshops, technical conferences, periodic reports, and other formats.

These activities are and will continue to be designed in consultation with stakeholders, the AG, Steering Committee, and Program Manager. Overall responsibility and accountability for stakeholder engagement reside with the Program Sponsor, who will continue to collaborate with and call upon the Program Manager to facilitate stakeholder engagement activities.

1.1.1 The Ideas Portal

During Phase 1 of program operations, direct engagement between the IEDR user community and the Development Team was enabled in the form of an Ideas Portal, which was launched on March 31, 2023, and which continues to facilitate conversations between the IEDR Program Team and IEDR users. The Ideas Portal (<https://iedr.ideas.aha.io/>) allows IEDR users to provide asynchronous feedback regarding feature improvements and requests for new data sets. IEDR support (iedr-support@esource.com) is also available for users to report bugs or other issues they may experience while navigating the platform.

1.1.2 IEDR YouTube Playlist

In Q2 2024, the IEDR Program Team developed and published five IEDR demonstration videos on NYSERDA's YouTube channel. These initial videos provide high-level demonstrations of what the IEDR is and IEDR tool functionality. These videos are intended to provide an accessible educational resource for the IEDR's general stakeholder community that drives users to the IEDR and promotes the effective use of the IEDR among the IEDR stakeholder community. Throughout Phase 2, new videos will be developed and published to coincide with major platform releases and/or new platform modules. The initial five videos and future IEDR YouTube content can be accessed through NYSERDA's YouTube channel in the dedicated [IEDR playlist](#).

1.2 The Transition from Phase 1 to Phase 2 of the IEDR Program

On May 12, 2023, NYSERDA submitted a proposal for the structure and funding of Phase 2 of the IEDR Program. In response to the Phase 2 Proposal, on January 19, 2024, the PSC issued their Order Approving Integrated Energy Data Resource Phase 2 Budgets (IEDR Phase 2 Order).

The IEDR Phase 2 Order approved funding for Phase 2 of the IEDR Program, which officially began on April 1, 2024. Phase 2 funding will support the established regulatory expectations that the IEDR will leverage the accomplishment of Phase 1 to enable approximately 40 additional use cases by the end of Phase 2.

The IEDR Phase 2 Order acknowledged the continuation of established program participant roles of the Program Sponsor (NYSERDA), the Program Manager (currently Deloitte Consulting LLP), the Development Team (currently led by E Source Companies LLC), and the Utility Data Advisor (currently Pecan Street, Inc.). The Order also acknowledged that Phase 2 funding includes dedicated administrative funds, as requested in the Phase 2 Proposal, for contracting with or reimbursing organizations that support Disadvantaged Communities (DACs), to ensure that DAC use cases and functionality are prioritized. The IEDR Phase 2 Order further directed NYSERDA to file a Phase 2 Status and Summary Report, on or before April 1, 2026, and acknowledged that, based on the sole discretion of the Secretary, the deadlines set forth in the latest Order may be extended.

1.3 Phase 2 Milestones

Initial Phase 2 planning projections account for two Phase 2 program milestones. The IEDR Phase 2 Order⁷ established one additional IEDR Program milestone, the Phase 2 Status and Summary Report milestone, which is anticipated to be filed on or before April 1, 2026. The previous Phase 1 program milestone, “Platform User Conference,” was determined to be more suited as a Phase 2 program activity and is now being tracked accordingly. Additional information on these two milestones and any potential emergent Phase 2 program milestones will be reflected in future Quarterly Reports.

Table 1. Phase 2 Milestone Status

Milestone	Program Topic	Date Expected	Status
Phase 2 Status and Summary Report	Reporting	On or before April 1, 2026	Not Started
Platform User Conference	Stakeholder Engagement	TBD within Phase 2	Not Started

1.4 Phase 2 Use Case Development Background

Phase 2 use cases are currently in draft status. As use cases progress through the discovery and development process, use cases may be updated to reflect newly discovered requirements, more accurate summations and/or labeling, or other changes in use case scope that are not currently defined. Future IEDR Program Quarterly Reports will detail potential updates to Phase 2 use case scope. Phase 2 use case release timeframes will be updated as IEDR platform development progresses and as use case

development scope and the related timelines are further defined. As Phase 2 use cases are developed, features and functionality will be incrementally released within the IEDR. More information about the timing of upcoming IEDR platform releases and the specific features and functionality contained within releases are made available on the [IEDR Detailed Roadmap](#).⁸ Full descriptions of projected Phase 2 use cases can be found in Appendix C of the [IEDR Phase 2 Proposal](#)⁹ or in [this reference document](#).¹⁰

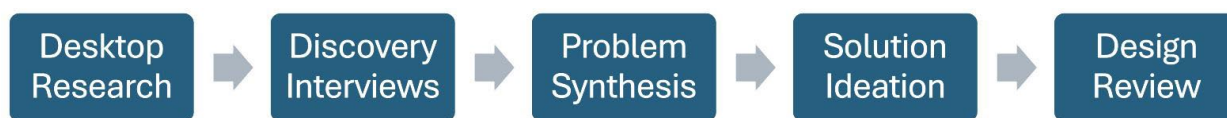
1.4.1 Defining the Use Case Discovery Process

Use case discovery activities inform the foundational requirements for use case development. These activities include performing desktop research, conducting discovery interviews, defining problem statements, ideating solutions, and performing design review. Once the design review activity is completed, use cases are scoped and prioritized for development. Discovery user interviews are performed by engaging with members of the Tier 2 AG; information about Tier 2 AG activities can be found in the Stakeholder Engagement section (section 2) of this Quarterly Report.

Discovery process definitions:

- **Desktop Research:** Gather information and insights that will inform development.
- **Discovery Interviews:** Conduct interviews to understand user needs and pain points.
- **Problem Synthesis:** Synthesize information from desktop research and user interviews to define and understand problems.
- **Solution Ideation:** Create draft solutions to the given set of defined problems.
- **Design Review:** Iteratively draft and review solution prototypes.

Figure 1. Use Case Discovery Process Flow



1.4.2 Thematic Use Case Discovery

Previously in Q3 2024, the IEDR Program Team established a new organizational approach to discovery activities that aims to improve discovery completion timelines, referred to as thematic use case discovery. Moving forward, use cases will be thematically grouped for discovery by consolidating user interviews among personas that span multiple use cases. For example, a building and/or energy manager (persona) may be able to provide insights into multiple use cases within the Comprehensive Whole Building Energy Consumption Analysis thematic group during a single interview.

This approach to consolidating efforts related to preparing for, scheduling, and conducting individual discovery interviews is projected to reduce time and resource expenditures throughout the discovery process. As they are performed, discovery activities will validate thematic use case groupings; as such, themed grouping of use cases are mutable and subject to evolve throughout time. More information on thematic groups and the associated use cases will be made available in future Quarterly Reports.

1.4.3 Identified Themes

The list below indicates identified use case themes. As discovery activities continue to progress and thematic use case associations are validated, Phase 2 use cases will be mapped to the identified themes below and documented in future Quarterly Reports.

Use Case Themes

- Community Energy Planning
- Comprehensive Whole Building Energy Analysis*
- Cross-Cutting Platform Capabilities
- Customer Data Access and Privacy Management
- Data-Driven Clean Energy Strategy
- DER and Renewable Integration
- DER Customer Engagement
- DER Market Expansion and Installation Efficiency
- Inclusive Energy Access and Equity
- Integrated EV and Building Electrification
- Utility and Market Operations
- Utility Rate Plan Access

* In previous Quarterly Reports, this theme was referred to as “Whole Building Energy Analysis”; the current name of this theme is reflected here.

1.5 IEDR Release Notes and Upcoming Features

As data sets, features, and functionality are developed and released on the IEDR platform, the public is encouraged to view [IEDR Detailed Roadmap](#). The IEDR Detailed Roadmap details the near-term platform feature release schedule. Expanded details on the IEDR Detailed Roadmap, including note describing the latest features and fixes available on the platform, can be found on the [IEDR Release Notes](#) page.

2 Current Program Status

In Q1 2025, the IEDR Program Team identified, defined, and prioritized workplans to drive data acquisition and provide value to New York State's energy stakeholders. Identified workplans represent data-driven development priorities, including the ingestion of utility data, that will enable access to a broad spectrum of data, and support future analytical capabilities within the IEDR platform.

As project plans progress, they are subject to development dependencies, which may impact planning. Future potential changes to workplans will be described in future Quarterly Reports. Updates to the Electric Infrastructure Assessment Tool (EIAT) and Rate Plan Browser (RPB) will also continue to be made throughout 2025.

3 Stakeholder Engagement

Stakeholder engagement and planning activities remain a key area of program focus and a driving factor of IEDR platform development. The IEDR Program Team conducted the third IEDR Environmental Justice Stakeholder Working Group (IEDR EJWG) session on March 13, 2025, which helped advance the identification, design, and development of data sets and functionality that can support Environmental Justice-related analysis within the IEDR.

To ensure a productive conversation with stakeholders and to complete program wide strategic planning in Q1 2025, the IEDR Program Team elected to delay the Tier 1 (T1) and Tier 2 (T2) AG stakeholder engagements to Q2 2025. More information about T1 and T2 AG stakeholder planning and engagements will be available in the Q2 Quarterly Report.

3.1 IEDR Environmental Justice Stakeholder Working Group

3.1.1 IEDR Environmental Justice Stakeholder Working Group Session 3: Reporting Back | March 13, 2025

The IEDR Program Team hosted the third IEDR EJWG session on March 13, 2025. During this session, the IEDR Program Team reported back to IEDR EJWG members on how their previously provided feedback was interpreted and is being incorporated into Phase 2 development planning.

Session 3 agenda and discussion topics included an overview of the IEDR Program Team's approach to working group inputs captured from a previously distributed survey, which was designed to capture feedback on IEDR development priorities and identify new stakeholder priorities. The Program Team explained their approach to survey analysis, including current development assumptions surrounding the feasibility of newly identified IEDR EJWG priorities. Data sets that support IEDR EJWG priorities were identified by synthesizing survey inputs, discussion captured during previous IEDR EJWG sessions 1 and 2, the Energy Equity Project Report,¹¹ and the NYSEERDA DAC data set.¹² Real-time stakeholder reactions to on-screen content that will factor into the refinement of priorities and requirements were encouraged and structurally incorporated into the meeting. Reacting to newly synthesized and identified priorities, IEDR EJWG members shared how specific priorities and data would be most impactful to their organizations and recommended additional data sources for future consideration.

The IEDR Program Team will continue to keep IEDR EJWG members informed about the continued evolution of this body of work. More information about the development of this body of work will also be made available in future Quarterly Reports.

3.2 Advisory Group

As of September 2023, the AG was restructured to meet changing program needs. A key component of the restructured AG is the distinction between two tiers, which bifurcate membership participation. Tier 1 AG meetings consist of a cross-cutting, representative group of program stakeholders who attend quarterly meetings focused on broad program conversations, updates, and the collection of directional feedback. Tier 2 AG meetings consist of small, persona-specific groups of individuals and organizations that represent the working interests of end users for a subset of IEDR features. As seen in the bulleted list below, IEDR personas represent specific user segments. Tier 2 AG meetings are scheduled per the platform development schedule and are focused on reviewing prioritized use cases to ensure critical user input is continuously collected.

AG persona categories include:

- Academia
- Advocacy
- Community-based Organization (CBO)
- Distributed Energy Resource (DER) Developer
- Distributed Generation (DG)
- Electric Vehicle (EV) Charging
- Energy Service Entity (ESE)
- Government
- Utility

3.2.1 Record of Advisory Group Sessions as of March 31, 2025

Tier 1 Advisory Group

Quarterly Tier 1 Advisory Group Meeting | Postponed to Q2 2025

Tier 2 Advisory Group

Ad Hoc Tier 2 Advisory Group Meetings | Postponed to Q2 2025

3.3 Utility Coordination Group

NYSERDA regularly convenes a UCG, as established by the IEDR Order. The UCG provides a venue for collaboration, coordination, and oversight of utility activities related to the design and implementation of the IEDR and alignment with the schedules and activities of the DAF. The UCG is comprised of members of the Steering Committee or their designees, NYSERDA, the Program Manager, and the senior-level leader of each utility IEDR implementation team, as required in the IEDR Order. Beginning in Q4 2022, the UCG meeting engagement schedule was structured to include 30- to 60-minute biweekly UCG meetings, followed by targeted meetings with individual utilities and specific subject matter experts (SMEs).

3.3.1 Record of Biweekly IEDR Utility Coordination Group Meetings as of March 31, 2025

Utility Coordination Group Meeting | January 7, 2025

Agenda topics at this UCG included a Green Button Connect (GBC) status update discussion, the Order Approving Transition of Utility Reported Community-Scale Energy Usage Data, the utility deposit feedback mechanism, and a hosting capacity pipeline discussion. Time was reserved for open discussion.

Utility Coordination Group Meeting | January 21, 2025

Agenda topics at this UCG included GBC status update and testing discussion, the community scale energy usage use case, and the utility deposit feedback mechanism. Time was reserved for open discussion.

Utility Coordination Group Meeting | February 4, 2025

Agenda topics at this UCG included a GBC status update, the community scale energy usage use case, and the utility deposit feedback mechanism. Time was reserved for open discussion.

Utility Coordination Group Meeting | February 18, 2025

Agenda topics at this UCG included a GBC status update, utility deposit feedback mechanism updates, the Joint Utilities of New York (JU) customer data privacy request, and JU discussion topics from February 12, 2025, and February 7, 2025. Time was reserved for open discussion.

Utility Coordination Group Meeting | March 4, 2025

Agenda topics at this UCG included a milestone review, a GBC status update, deposit feedback mechanism updates, and follow-up on JU feedback received on February 12, 2025, and February 26, 2026. Time was reserved for open discussion.

Utility Coordination Group Meeting | March 18, 2025

Agenda topics at this UCG included a milestone review (including GBC), deposit feedback mechanism updates, and preparation for a hosting capacity data refresh in April. Options for enabling JU data quality collaboration and follow-up on JU feedback received on February 12, 2025, and February 27, 2025, were also discussed. Time was reserved for open discussion.

4 Use and Status of Funding

The IEDR Phase 2 Order established a budget of \$36,386,193 for NYSERDA’s Phase 2 efforts. The Phase 2 Order directed recovery of these costs in proportion to the total electric load for 2022 among Long Island Power Authority (LIPA) and jurisdictional utilities, with the costs allocated among jurisdictional utilities in the same manner as costs allocated and collected through the Bill-As-You-Go Agreements. Based upon load values provided by the IEDR Phase 2 Order, costs will be allocated in the following apportionment detailed in Table 5.¹³

On October 31, 2024, the JU filed a petition¹⁴ (Petition) seeking clarification on the PSC’s IEDR Phase 2 Order.¹⁵ On December 20, 2024, in response to the Petition, the PSC issued the Order Clarifying Integrated Energy Data Resource Phase 2 Cost Collections.¹⁶

Table 2. IEDR Phase 2 Cost Allocation

Utility	2022 Annual Delivery Service Load (MWh)	MWh Load Ratio Share
Central Hudson	5,038,524	3.7%
Con Edison	53,290,877	38.6%
NYSEG	16,170,214	11.7%
National Grid	33,248,701	24.1%
O&R	4,211,186	3.1%
RG&E	7,271,949	5.3%
LIPA	18,743,000	13.6%
Total	137,974,451	100.0%

Table 3 summarizes the approved budget and cumulative activity through March 31, 2025

Table 3. IEDR Cumulative Budget Allocation for Phase 2 Through March 31, 2025

Integrated Energy Data Resources (a)(b)
Approved Budget and Itemized Expenses
March 31, 2025

Table 1: Cumulative Activity through March 31, 2025

Phase 1 + Phase 2	Cumulative Approved Budget		Expended (c)	Encumbered (d)	Expended + Encumbered as a % of Total Budget		Pre-encumbered Contracts (e)	Pre-encumbered Solicitations (e)	Expended + Encumbered as a % of Total Budget		Uncommitted
	Budget	Expended (c)			Expended + Encumbered	% of Total Budget			Expended + Encumbered	Pre-encumbered as a % of Total Budget	
Administration Costs as Project Sponsor	4,791,442	1,915,236	616,754	2,531,991	52.8%	-	-	-	2,531,991	52.8%	2,259,451
Procured Resources	45,094,750	21,015,143	21,066,362	42,081,505	93.3%	-	-	-	42,081,505	93.3%	3,013,245
Total	49,886,192	22,930,379	21,683,116	44,613,496	89.4%	-	-	-	44,613,496	89.4%	5,272,696

- (a) Case 20-M-0082: Proceeding on Motion of the Commission Regarding Strategic Use of Energy Related Data. Order Implementing an Integrated Energy Data Resource, issued and effective February 11, 2021.
(a) Case 20-M-0082: Proceeding on Motion of the Commission Regarding Strategic Use of Energy Related Data. Order Approving Integrated Energy Data Resource Phase 2 Budgets, issued and effective January 19, 2024.
(c) Expended funds include contractor invoices processed for payment by NYSERDA.
(d) Encumbered funds include remaining funds obligated under a contract or purchase order.
(e) Pre-Encumbered funds include planned funding for contracts awarded and under negotiation; and planned funding under active development through open solicitations with upcoming proposal due dates.

All IEDR program-related expenditures are and will be managed by the Program Sponsor in compliance with NYSERDA's budget and accounting policies and principles. For a full overview of the projected costs of the IEDR, please refer to the updated Program Sponsor Implementation Plan (PSIP)¹⁷ and IEDR Phase 2 Order.¹⁸

5 Program Plans for 2025

In Q2 2025, the IEDR Program Team will prioritize the acquisition of data sets that provide high value to New York State’s energy stakeholders. To prepare for enabling access to and analytics for utility data, the IEDR Development Team will continue ingesting and processing utility data from the JU in Q2 2025. Future Quarterly Reports will provide additional details regarding the availability of utility data and the development of analytical capabilities within the IEDR platform.

6 Program Risk Assessment and Mitigation Plan

As stated in the PSIP and as outlined in section 5.5 of the IEDR whitepaper:

The Program Manager will organize and conduct the activities—including regular consultations with NYSERDA—needed to facilitate the timely anticipation, identification, and mitigation of risks that could hinder or prevent successful IEDR implementation and provide the approach to enable NYSERDA to provide timely communication of risks with the Steering Committee.

With the commencement of Phase 1, a comprehensive risk assessment and mitigation plan with extensive tracking has commenced and will continue to be employed throughout Phase 2 of program operations. The Program Manager is actively coordinating with all external partners to capture and mitigate risks in accordance with the Risk Management Plan. Currently, there are no “high” severity risks identified.

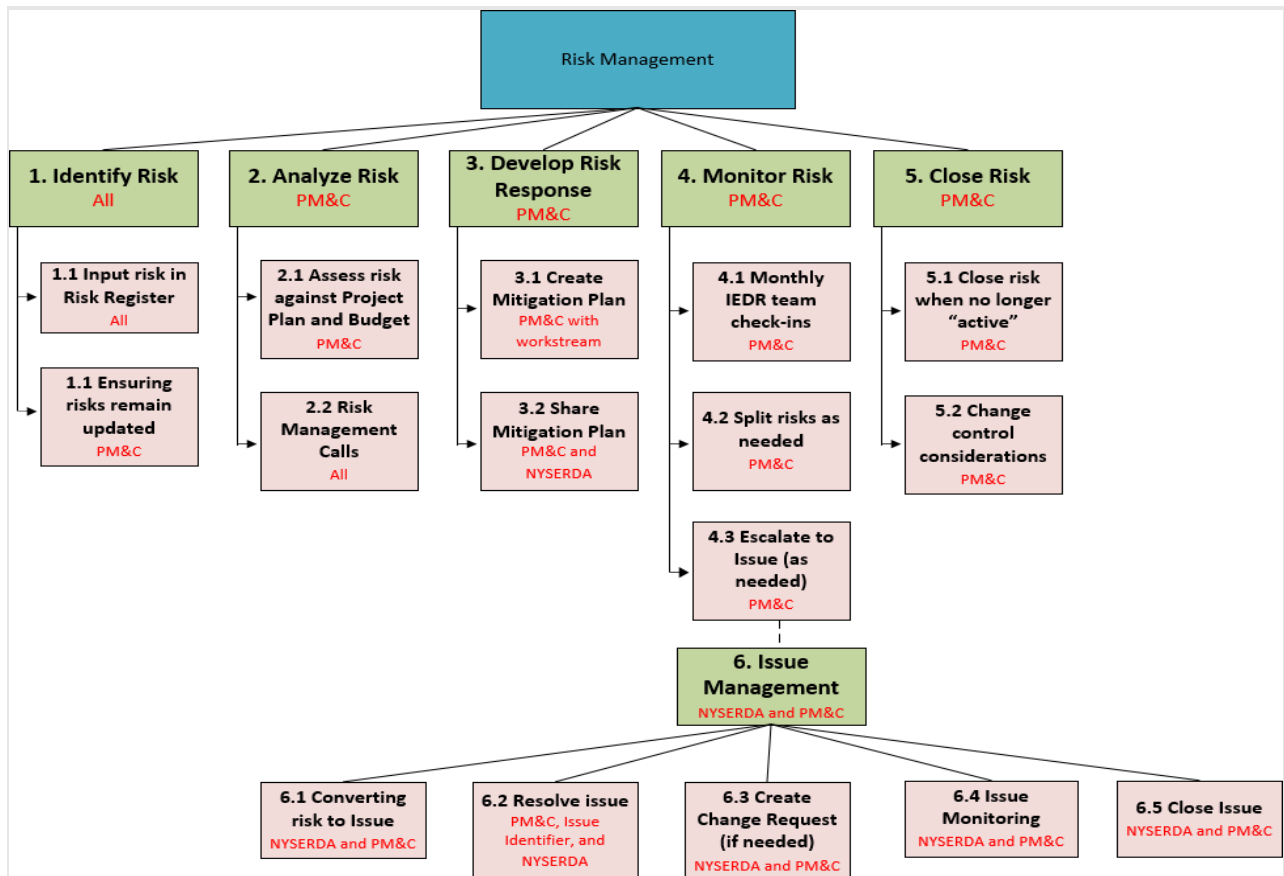
Table 7 provides an overview of the “high” IEDR program risks identified as of March 31, 2025.

Table 4. IEDR Program Risks as of March 31, 2025

Risk Description	Impact Areas	Risk Severity	Mitigation Approach
N/A	N/A	N/A	N/A

Figure 2 provides an overview of the Risk Management Plan. Within the context of Figure 2, PM&C is defined as Program Management and Control, as performed by the Program Manager.

Figure 2. IEDR Risk Management Plan Overview



Appendix A. Completed Milestones to Date

Table A-1. Completed Milestones as of March 31, 2025

Milestone	Program Topic	Date Completed
Program Manager RFP response submission deadline.	Program Manager	July 1, 2021
Program Charter adopted by UCC.	Charter	July 12, 2021
Initial use case comments from stakeholder response deadline.	Stakeholder Engagement	July 23, 2021
Program Charter adopted by IEDR Steering Committee.	Charter	August 6, 2021
Initial meeting of the AG.	Advisory Group	August 17, 2021
Program Manager contract executed and work commenced.	Program Manager	September 28, 2021
Utility Data Advisor contract executed and work commenced.	Utility Data Advisor	September 30, 2021
Updated PSIP filed.	Reporting	October 1, 2021
IEDR Program Dashboard operational.	Reporting	October 31, 2021
First Quarterly Report filed.	Reporting	October 21, 2021
Program Charter to be adopted by AG.	Charter	October 21, 2021
General stakeholder engagement meeting (virtual use case stakeholder event).	Stakeholder Engagement	November 15, 2021
Stakeholder engagement and communication plan drafted and finalized.	Stakeholder Engagement	October 29, 2021
Outreach to organizations that submitted use cases and may be aligned with prioritized use cases.	Stakeholder Engagement	Started Q4, 2021, as anticipated
Use case interviews to assist in user story and user journey development.	Stakeholder Engagement	Started Q4, 2021, as anticipated
Workshops/focus groups for each use case to validate user stories and user journeys.	Stakeholder Engagement	Started Q4, 2021, as anticipated
Develop draft procurement documentation for IEDR Development Team.	Solution Architect + Development RFP	December 31, 2021
IEDR Utility Data Assessment completed.	Utility Coordination Group	December 2021
Issue RFP for Solution Architect + Development Contractor teaming arrangement and related services.	Solution Architect + Development RFP	March 25, 2022
Contract with Solution Architect + Development Team executed, and work commences.	Solution Architect + Development RFP	Q4 2022—deviation, originally anticipated Q2 2022
Sprint cycles focused on converting user stories/journeys for 3–5 use cases into functional IEDR prototypes.	Public Iterations of IEDR	Q1 2023—deviation, originally anticipated Q4 2022
Final round of data access/security review and User Acceptance Testing of the IEDR's first public iteration.	Public Iterations of IEDR	Q1 2023—deviation, originally anticipated Q4 2022
First public iteration of the IEDR released.	Public Iterations of IEDR	Q1 2023—deviation, originally anticipated Q4 2022
Phase 2 proposal filed.	Reporting	May 12, 2023—deviation, originally anticipated January 15, 2023
Sprint cycles focused on converting user stories/journeys for an additional 2–5 use cases into functional IEDR prototypes.	Public Iterations of IEDR	Q4 2023
Steering Committee reviews and approves declaration of IEDR MVP	Public Iterations of the IEDR	February 2024—deviation, originally anticipated Q4 2023
IEDR MVP declared (5–10 use cases deployed) and end of Phase 1	Public Iterations of the IEDR	March 27, 2024—deviation, originally anticipated Q4 2023.

Endnotes

- ¹ Case 20-M-0082, Proceeding on Motion of the Commission Regarding Strategic Use of Energy Related Data, Order Implementing an Integrated Energy Data Resource, Issued and Effective February 11, 2021. <https://documents.dps.ny.gov/public/Common/ViewDoc.aspx?DocRefId={3CDC0522-7F50-49E1-A053-EA236B3DED10}>
- ² Case 20-M-0082, Proceeding on Motion of the Commission Regarding Strategic Use of Energy Related Data, Department of Public Service Whitepaper Recommendation to Implement an Integrated Energy Data Resource, May 29, 2020. <http://documents.dps.ny.gov/public/Common/ViewDoc.aspx?DocRefId={43298F6A-3CA4-435F-BC9D-6DEF6F575836}>
- ³ Case 20-M-0082, Proceeding on Motion of the Commission Regarding Strategic Use of Energy Related Data, Order Implementing an Integrated Energy Data Resource, issued and effective February 11, 2021. <https://documents.dps.ny.gov/public/Common/ViewDoc.aspx?DocRefId={3CDC0522-7F50-49E1-A053-EA236B3DED10}>
- ⁴ Case 20-M-0082, Proceeding on Motion of the Commission Regarding Strategic Use of Energy Related Data, Order Adopting a Data Access Framework and Establishing Further Process, issued and effective April 15, 2021. <https://documents.dps.ny.gov/public/Common/ViewDoc.aspx?DocRefId={A228D385-3E0E-41BC-A433-8ABD62F8A6E4}>
- ⁵ Case 20-M-0082, Proceeding on Motion of the Commission Regarding Strategic Use of Energy Related Data, Department of Public Service Staff Whitepaper Regarding a Data Access Framework, May 29, 2020. <http://documents.dps.ny.gov/public/Common/ViewDoc.aspx?DocRefId={43298F6A-3CA4-435F-BC9D-6DEF6F575836}>
- ⁶ Case 20-M-0082, Proceeding on Motion of the Commission Regarding Strategic Use of Energy Related Data, Order Implementing an Integrated Energy Data Resource, issued and effective February 11, 2021. <https://documents.dps.ny.gov/public/Common/ViewDoc.aspx?DocRefId={3CDC0522-7F50-49E1-A053-EA236B3DED10}>
- ⁷ Case 20-M-0082, Order Approving Integrated Energy Data Resource Phase 2 Budgets, January 18, 2024, <https://documents.dps.ny.gov/public/Common/ViewDoc.aspx?DocRefId={C0B6228D-0000-C413-AA1D-C44A88B299F0}>
- ⁸ NYSERDA. 2023. IEDR Ideas Portal. <https://iedr.ideas.aha.io/sections/7216419530855529789>
- ⁹ Case 20-M-0082, Integrated Energy Data Resource (IEDR) Program Phase 2 Proposal, Filed May 12, 2023, <https://documents.dps.ny.gov/public/Common/ViewDoc.aspx?DocRefId=%7b409A1188-0000-C633-8139-1F4115003AC9%7d>
- ¹⁰ NYSERDA. 2023. Draft IEDR Phase 2 use cases. <https://www.nyseda.ny.gov/-/media/Project/Nyserda/Files/Programs/IEDR/Draft-Phase-2-Use-Cases.pdf>
- ¹¹ Energy Equity Project, 2022, Energy Equity Framework: Combining Data and Qualitative Approaches to Ensure Equity in the Energy Transition. University of Michigan, School for Environment and Sustainability (SEAS).
- ¹² NYSERDA. 2023. Final Disadvantaged Communities Data Set. https://data.ny.gov/Energy-Environment/Final-Disadvantaged-Communities-DAC-2023/2e6c-s6fp/data_preview
- ¹³ These numbers differ from those originally published in the Integrated Energy Data Resource (IEDR) Initial Program Sponsor Implementation Plan. The update reflected here and in the Updated PSIP disaggregates NYPA load from the loads of the investor-owned utilities and presents the adjusted Bill-As-You-Go allocation. Phase 2 implementation is subject to the commission’s adoption of the Phase 2 Proposal.
- ¹⁴ Case 20-M-0082, Proceeding on Motion of the Commission Regarding Strategic Use of Energy Data, JU IEDR Phase 2 Cost Recovery Petition, Filed October 31, 2024, <https://documents.dps.ny.gov/public/Common/ViewDoc.aspx?DocRefId={203DE492-0000-C92D-A7FF-B75E3F7B512B}>
- ¹⁵ Case 20-M-0082, Proceeding on Motion of the Commission Regarding Strategic Use of Energy Related Data, Order Approving Integrated Energy Data Resource Phase 2 Budgets, Issued and Effective January 19, 2024, <https://documents.dps.ny.gov/public/Common/ViewDoc.aspx?DocRefId={C0B6228D-0000-C413-AA1D-C44A88B299F0}>

- ¹⁶ Case 20-M-0082, Proceeding on Motion of the Commission Regarding Strategic Use of Energy Related Data, Order Adopting a Data Access Framework and Establishing Further Process, issued and effective April 15, 2021. <https://documents.dps.ny.gov/public/Common/ViewDoc.aspx?DocRefId={A228D385-3E0E-41BC-A433-8ABD62F8A6E4}>
- ¹⁷ Case 20-M-0082, Proceeding on Motion of the Commission Regarding Strategic Use of Energy Related Data, Integrated Energy Data Resource Updated Program Sponsor Implementation Plan, issued and effective October 1, 2021. <https://documents.dps.ny.gov/public/Common/ViewDoc.aspx?DocRefId={B9BC09C2-F8F1-43B4-8CF5-D90C10C6AD2C}>
- ¹⁸ Case 20-M-0082, Order Approving Integrated Energy Data Resource Phase 2 Budgets, issued and effective January 19, 2024. <https://documents.dps.ny.gov/public/Common/ViewDoc.aspx?DocRefId={C0B6228D-0000-C413-AA1DC44A88B299F0}>

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