

Integrated Energy Data Resource (IEDR) Program Quarterly Report through June 30, 2025

Final Report | July 2025



NYSERDA's Mission:

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.

Integrated Energy Data Resource (IEDR) Program Quarterly Report through June 30, 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
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
EIAT	Electric Infrastructure Assessment Tool
HCA	Hosting Capacity Analysis
IEDR	Integrated Energy Data Resource
IEDR Order	Order Implementing an Integrated Energy Data Resource
IEDR Phase 2 Order	Order Approving Integrated Energy Data Resource Phase 2 Budgets
JU	Joint Utilities of New York
LIPA	Long Island Power Authority
MVP	Minimum Viable Product
NYPA	New York Power Authority
NYSEG	New York State Electric and Gas
O&R	Orange & Rockland Utilities, Inc.
PM&C	Program Management and Control
PSC	New York State Public Service Commission
PSIP	Program Sponsor Implementation Plan
RFP	request for proposals
RG&E	Rochester Gas and Electric Corporation
SMEs	subject matter experts
UCG	Utility Coordination Group
UI	user interface

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 on 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 any 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, use case 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 is 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

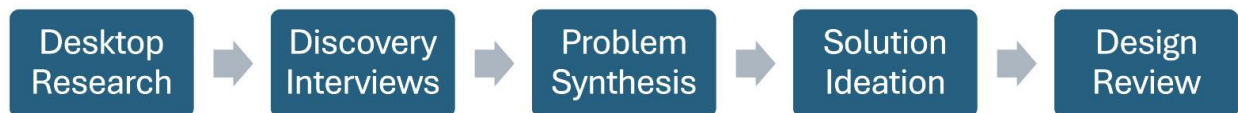
1.4.1 Defining the Use Case Discovery Process

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

Table 2 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.

Table 2. Identified Use Case Themes

Use Case Themes
• Community Energy Planning
• Comprehensive Whole Building Energy Analysis ^a
• 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

^a 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 the [IEDR Detailed Roadmap](#). 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

Historically, the IEDR Program has advanced through a use case–driven development approach, with a focus on building platform capabilities in response to stakeholder-identified needs as part of New York State’s broader effort to create a cleaner, more resilient, and affordable electricity system. As the program matured, collaboration with the Steering Committee prompted a strategic shift, reprioritizing foundational data acquisition to ensure the platform delivers maximum value and impact for all users.

In Q2 2025, the IEDR Program Team began working closely with Steering Committee partners to evaluate and adjust program priorities, including a shift to prioritizing the acquisition of foundational data that will benefit long-term use case development. Shifting the focus to acquiring foundational data, rather than individual use case development, is projected to improve the efficacy of future IEDR use cases for end users. Initial data acquisition reprioritization activities included evaluating and refreshing program priorities to improve activity sequencing, which will support delivering continued impact for stakeholders and enable Phase 2 progress. The Program Team also worked with the Steering Committee to reassess data acquisition activities across the program to more effectively collect usable, informative, impactful, and required data. On June 27, 2025, the IEDR Program Team and Steering Committee aligned on the program’s updated approach to data acquisition and, as a result, plan to begin execution of the updated approach in Q3 2025. More details, updates, and any potential shifts to workplans will be communicated in future Quarterly Reports.

As the IEDR Program Team focuses on platform data acquisition, rather than individual use case development, the team has opted to temporarily pause discovery-focused stakeholder engagement and certain feature development and releases in the immediate term. During this period, the IEDR Program Team continues to keep stakeholder benefit top of mind. The team looks forward to reengaging stakeholders in the coming months, working to optimize stakeholders’ time while generating the greatest impact for the program.

2.1 Key Program Activities

2.1.1 Data Acquisition

Throughout Q2 2025, the IEDR Program Team worked closely with the IEDR Steering Committee to align on an approach to enhance IEDR platform data acquisition. Foundational to the updated data acquisition approach, the Development Team continued to refine the data transfer specifications

required to integrate data into the program. These data transfer specifications will enable ingestion of network, Distributed Energy Resource (DER), customer, and rate plan data.

2.1.2 Sprint Reviews

In Q2 2025, the IEDR Development Team continued to address identified bugs and issues to improve the IEDR platform and user experience. Given the program shift to prioritizing data acquisition, the IEDR Program Team is temporarily pausing new releases to the public-facing IEDR platform.

Q2 2025 releases include seven releases, from 2.18.0 up to 2.24.0, each with unique feature enhancements. Platform improvements included addressing bugs and issues related to the Electric Infrastructure Assessment Tool (EIAT), such as fixing CSV (Comma Separated Values) exports, enhancing load times, merging utility capacity layers, developing a Filter to Map View feature, and fixing the lasso tool. A release-by-release summary includes:

1. 2.24.0: Enhanced the map filtering experience, improved Utility Capacity Analysis tables by asset type, and resolved a lasso/polygon drawing error.
2. 2.23.0: Launched a unified filtering component, consolidated Utility Capacity layers, made mobile and accessibility enhancements, and fixed CSV export and sorting issues.
3. 2.22.0: Introduced advanced text-based filtering options and corrected tooltip data source errors.
4. 2.21.0: Resolved an issue preventing the Layers view from loading when switching from Monitor view with an active layer.
5. 2.20.0: Added more identifying columns to Excel export sheets.
6. 2.19.0: Enabled advanced filtering for EIAT tables, added Hosting Capacity Analysis (HCA) Refresh Date to tooltips, clarified filter reset labeling, and fixed Excel filter application issues.
7. 2.18.0: Improved accessibility with better button focus states, enabled lasso tool filtering for tables and maps, added total row counts, enhanced selection user interface (UI), and fixed clearing bugs.

More details about Q2 2025 and prior releases can be found on the IEDR Release Notes page and the public view of the IEDR Detailed Roadmap.

2.2 Stakeholder Engagement Status

As described above, the IEDR Program Team continues to work with the IEDR Steering Committee to develop an approach to enhance data acquisition for the platform and has paused discovery-focused stakeholder engagement in the immediate term. While the Development Team remains in close communication with the Joint Utilities of New York, this intermission in stakeholder engagement includes temporarily pausing meetings with the Utility Coordination Group (UCG) until the new approach to data acquisition is initiated, and pausing Tier 1 Advisory Group and Tier 2 Advisory Group in the immediate term and until further notice.

2.3 Utility Coordination Group

As established by the IEDR Order, NYSERDA regularly convened with the UCG throughout Phase 2 of the program. The UCG provides a venue for collaboration, coordination, and oversight of utility activities related to the design and implementation of the IEDR, as well as alignment with the schedules and activities of the DAF. The UCG is composed 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 up by targeted meetings with individual utilities and specific subject matter experts (SMEs).

The updated data acquisition approach included the formation of UCG subcommittees, as permitted by the IEDR Program Charter. The UCG subcommittees are specialized committees established to address specific topics, including those related to utility data acquisition and integration. These subcommittees are designed to facilitate focused discussions, resolve technical challenges, and coordinate efforts among utility stakeholders to support the efficient and accurate collection of data required for the IEDR platform. The formation of these subcommittees will help streamline data acquisition and support program goals.

Q2 2025 UCG engagement included two meetings prior to the program's stakeholder engagement pause. As of Q2 2025, the Program Team plans to reengage the UCG in Q3 2025. Updates on the status of UCG engagement, including UCG subcommittee activities, will be made available in future Quarterly Reports.

2.3.1 Record of Biweekly IEDR Utility Coordination Group Meetings as of June 30, 2025

Utility Coordination Group Meeting | April 1, 2025

Agenda topics at this UCG included program milestones review and status updates, and updates on the deposit feedback mechanism, including failures. Discussion continued regarding utility data pipeline visibility options to support utility teams. The UCG subcommittee proposal was socialized with the group, and follow-up discussion about customer opt-out requests continued. Time was reserved for open discussion, a question-and-answer session, and a high-level review of the April 15, 2025, UCG agenda.

Utility Coordination Group Meeting | April 15, 2025

Agenda topics at this UCG included discussion continued regarding utility data pipeline visibility options to support utility teams. Time was reserved for open discussion and a question-and-answer session.

3 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 the 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 on load values provided by the IEDR Phase 2 Order, costs will be allocated in the following apportionment detailed in Table 5.¹¹

On October 31, 2024, the JU filed a petition¹² (Petition) seeking clarification on the PSC’s IEDR Phase 2 Order.¹³ On December 20, 2024, in response to the Petition, the PSC issued the Order Clarifying Integrated Energy Data Resource Phase 2 Cost Collections.¹⁴

Table 3. 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 4 summarizes the approved budget and cumulative activity through June 30, 2025.

Table 4. IEDR Cumulative Budget Allocation for Phase 2 through June 30, 2025

Integrated Energy Data Resources (a)(b)
Approved Budget and Itemized Expenses
June 30, 2025

Table 1: Cumulative Activity through June 30, 2025

Phase 1 + Phase 2	Cumulative Approved		Encumbered (d)	Expended + Encumbered as a % of Total		Pre-encumbered Contracts (e)	Pre-encumbered Solicitations (e)	Expended + Encumbered + Pre-encumbered as a % of Total		Uncommitted
	Budget	Expended (c)		Expended + Encumbered	Budget			Pre-encumbered	Budget	
Administration Costs as Project Sponsor	4,791,442	2,128,818	161,760	2,290,578	47.8%	-	-	2,290,578	47.8%	2,500,864
Procured Resources	45,094,750	22,616,536	19,464,969	42,081,505	93.3%	-	-	42,081,505	93.3%	3,013,245
Total	49,886,192	24,745,354	19,626,729	44,372,083	88.9%	-	-	44,372,083	88.9%	5,514,109

(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)¹⁵ and IEDR Phase 2 Order.¹⁶

4 Program Plans for 2025

In Q3 2025, the IEDR Program Team will aim to refine existing data specifications and partner with utilities to continue to acquire the required data. The IEDR Program Team will engage utility stakeholders through establishing UCG subcommittees to support data ingestion and utilize new processes and tools to enable data governance, adherence, and status. Future Quarterly Reports will provide additional details regarding the availability of utility data and the development of analytical capabilities within the IEDR platform.

5 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 began and will remain in effect throughout Phase 2 of program operations. The Program Manager actively coordinates with all external partners to capture and mitigate risks per the Risk Management Plan. Currently, no “high” severity risks have been identified.

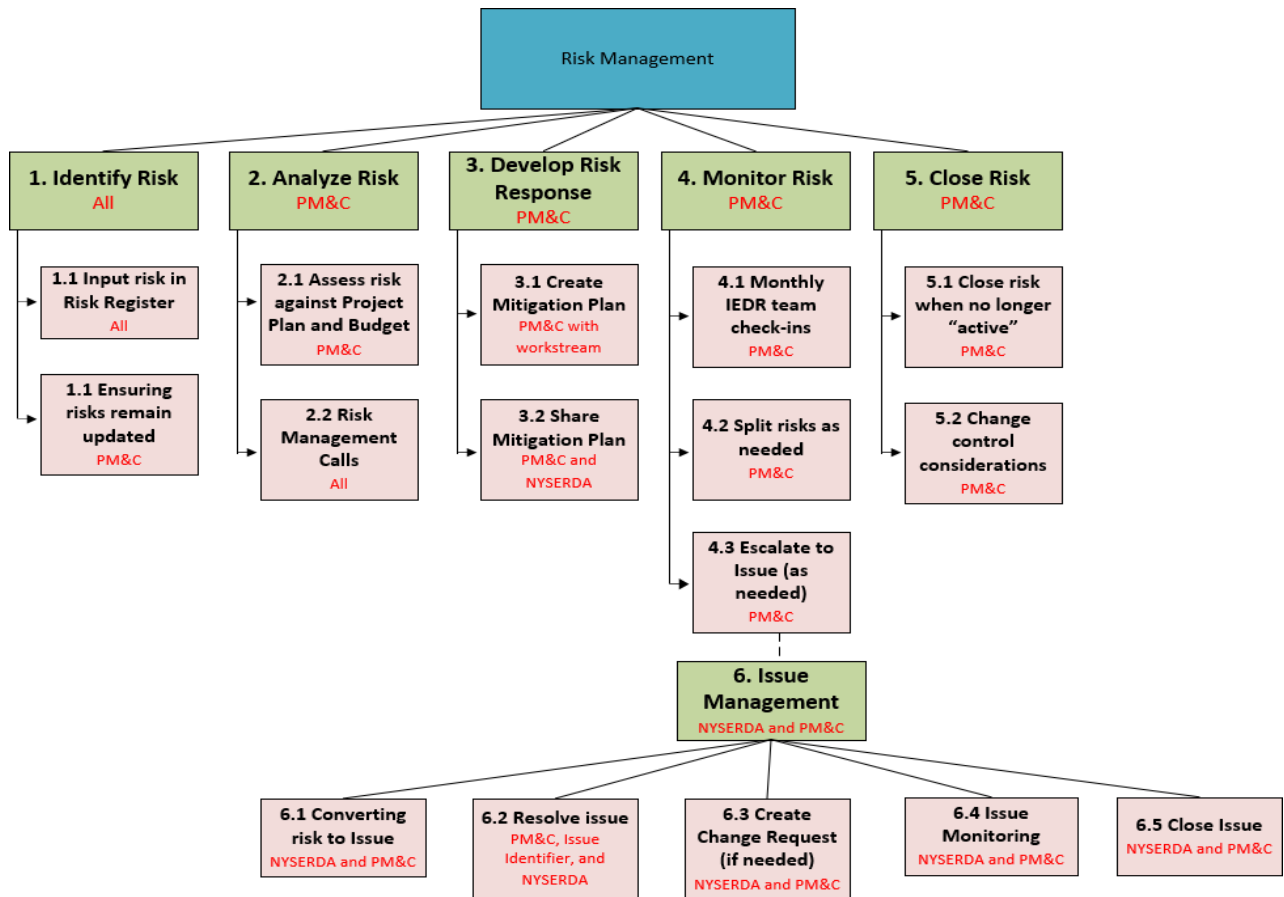
Table 5 provides an overview of the “high” IEDR Program risks identified as of June 30, 2025.

Table 5. IEDR Program Risks as of June 30, 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 1, 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 June 30, 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 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 Proposed IEDR Aggregated Phase 2 Use Case Summaries: <https://www.nyserda.ny.gov/-/media/Project/Nyserda/Files/Programs/IEDR/Draft-Phase-2-Use-Cases.pdf>
- ¹¹ These numbers differ from those originally published in the Integrated Energy Data Resource Initial Program Sponsor Implementation Plan. The update reflected here and in the Updated Program Sponsor Implementation Plan 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.
- ¹² 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}>
- ¹³ 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}>
- ¹⁴ 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}>

¹⁵Case 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}>

¹⁶Case 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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