

Integrated Energy Data Resource
Initial Program Sponsor Implementation Plan

Prepared by:
New York State Energy Research and Development
Authority

Case 20-M-0082
Proceeding on Motion of the Public Service Commission Regarding Strategic Use
of Energy Related Data

Filed on: March 11, 2021

Table of Contents

| | |
|--|----|
| 1. Introduction | 3 |
| 2. Background | 3 |
| 3. Program Charter and Related Documents | 6 |
| 3.1 Discussion | 6 |
| 3.2 Schedule | 7 |
| 4. Initiating Stakeholder Engagement | 7 |
| 4.1 Discussion | 7 |
| 4.2 Schedule | 9 |
| 5. Program Manager | 9 |
| 5.1 Discussion | 9 |
| 5.2 Program Manager Procurement Schedule | 11 |
| 6. Steering Committee | 11 |
| 6.1 Discussion | 11 |
| 6.2 Schedule | 11 |
| 7. Advisory Group | 12 |
| 7.1 Discussion | 12 |
| 7.2 Schedule | 12 |
| 8. Utility Coordination Group | 13 |
| 8.1 Discussion | 13 |
| 8.2 Schedule | 13 |
| 9. IEDR Program Funding | 13 |
| 9.1 Discussion | 13 |
| 9.2 Schedule | 14 |
| 9.3 Budget | 14 |
| 10. Reporting | 14 |
| 10.1 Discussion | 14 |
| 10.2 Schedule | 15 |

1. Introduction

On February 11, 2021 the New York Public Service Commission (PSC) issued its order implementing an integrated energy data resource¹ (IEDR Order) 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) to take on the role of the IEDR Program Sponsor and required NYSEDA to file this initial Program Sponsor Implementation Plan (PSIP) within 30 days of the effective date of the IEDR Order detailing how it expects to carry out its duties as the Program Sponsor. The PSC further directed NYSEDA to file an update to the PSIP, following the selection of the Program Manager. The updated PSIP is anticipated to be filed on or about August 11, 2021 as required in the IEDR Order.

The PSIP is intended to provide an overview of the activities and schedule that the Program Sponsor will carry out and thereby meet its responsibilities to achieve the goals and deadlines established by the PSC. The PSIP is envisioned to be both informational and a tool to monitor the progress of the IEDR initiative to ensure compliance with the IEDR Order.

2. Background

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 Department of Public Service (DPS) in May 2020.²

The IEDR Order articulated a foundational principle that developed the operation of the IEDR through the entire life cycle of the initiative and will be guided by the policy of obtaining the best overall value for New York State. This involved stakeholders with an eye toward accelerating 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, will establish a process that is based on three

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.

<http://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, 2021. <http://documents.dps.ny.gov/public/Common/ViewDoc.aspx?DocRefId={43298F6A-3CA4-435F-BC9D-6DEF6F575836}>

³ The IEDR Order, P.33

commitments:

- 1) Effective 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; and
- 3) Unambiguous regulatory requirements including firm schedules and milestones.

The commencement of IEDR implementation is taking place while the PSC considers DPS Staff recommendations in establishing a uniform and comprehensive Data Access Framework to govern the means and methods for accessing and protecting all-types of energy related information.⁴ Accordingly, all aspects of designing and operating the IEDR will comply with any such framework that may be established by the PSC.

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, discussed in detail in later sections of this PSIP, include:

- (1) Creating the 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;
- (4) Organizing the membership and initial meeting schedule for an IEDR Program Utility Coordination Group;
- (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; and

⁴ 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, 2021. <http://documents.dps.ny.gov/public/Common/ViewDoc.aspx?DocRefId={0375BBDD-5F71-44E0-A897-9BE2AD5F2A0E}>

- (9) Helping the Program Manager investigate and resolve issues that could negatively affect the program's costs, schedule, or benefits.

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

- Phase 1: The initial IEDR implementation shall enable at least five of the highest priority use cases with an expectation that there could be ten or more achieved. This PSIP reflects an expectation that Phase 1 will be completed within 24 months of the commencement of work by the Program Manager; on that is on or about August 11, 2023.
- Phase 2: The initial IEDR will expand and enhance approximately 40 additional use cases building on the successful implementation and operation of Phase 1. This PSIP reflects an expectation that Phase 2 will be completed 36 months after the completion of Phase 1; that is on or about August 11, 2026.

The IEDR Order further recognizes details associated with the development, design and implementation of each phase of the IEDR Program must be preceded by specific activities that require planning and 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 each of Phase 1 and Phase 2
- Recommendations of the Advisory Group

In recognition of these steps and provide the PCS, Steering Committee, Advisory Group and all interested stakeholders with an understanding of the process that will lead to the operation of the IEDR, implementation plans will be developed and presented in three stages. This approach complies with the process established by the IEDR Order and ensures accountability through milestones that can be established with reasonable certainty and serve as a basis for oversight.

Stage 1 – This **Initial PSIP** reflects the period beginning with the issuance of the IEDR Order through the commencement of a contract with the Program Manager, on or about August 11, 2021.

Stage 2- An **Updated PSIP**, expected to be filed on or about August 11, 2021, will reflect the period beginning with the commencement of the contract with the Program Manager through the commencement of operation of IEDR Phase 1, on or about August 11, 2023. The updated PSIP will address activities, schedules, and milestones that are established in the Program Manager contract or which are otherwise relevant to provide for Program Sponsor accountability.

Stage 3 – A **Phase 2 Proposal** will be filed with the PSC that reflects the Program Sponsor’s recommendations regarding schedule, budget and related activities for the period beginning with the operation of IEDR Phase 1 through commencement of operation of IEDR Phase 2.

As directed in the Order, the Program Sponsor will file the initial and updated PSIPs and the Phase 2 proposal as follows:

- This Initial PSIP filed with the Secretary to the PSC on March 11, 2021.
- The Updated PSIP to be filed with DPS Staff on or about August 11, 2021.
- The Phase 2 proposal to be filed with the PSC on or before January 15, 2023.

NYSERDA will create an IEDR-specific subpage on the NYSERDA website, which will include current and historical versions of the implementation plans, the various charters associated with the IEDR, an IEDR progress dashboard and other pertinent information related to the initiative. The IEDR webpage will provide a single repository for all IEDR information and will compliment filings contained in the DPS Document and Matter Management System related to this proceeding.

3. Program Charter and Related Documents

3.1 Discussion

The program charter formally establishes the IEDR Program’s purpose, scope, guiding principles objectives, participants, role and responsibilities. Accordingly, the program charter will set forth the roles, and responsibilities of the Program Sponsor, Steering Committee, Program Manager, Advisory Group, and Utility Coordination Group. The Program Sponsor is responsible for creating the program charter as well as monitoring and assuring compliance with its requirements. In preparing the program charter, the Program Sponsor will reference the IEDR Order and other documents referenced in the Order and will consider comments and suggestions of the Steering Committee.

The Program Sponsor, working with the Program Manager, will continually monitor compliance with the program charter and promptly respond to and seek to cure any lack of compliance. The Program Sponsor will inform the Steering Committee and Advisory Group

of any material deviation from the program charter as well as its plan to achieve compliance. In addition, a discussion of any material lack of compliance will be included as part of the Program Sponsor's quarterly reports filed with the Secretary to the PSC .

The Program Sponsor will also prepare separate charters for the Steering Committee, Advisory Group and Utility Coordination Group. The Program Sponsor will consult with the Steering Committee during the preparation of each of these charters and strive to have the charters reflect a consensus of each body. Similarly, the Program Sponsor will also consult with the Advisory Group and Utility Coordination Group regarding each group's respective charter. These three committee/group charters will focus on the organization and activities of each of the bodies.

3.2 Schedule

- Program Charter – Draft for discussion presented to Steering Committee at monthly meeting the week of March 29, 2021.
- Steering Committee Charter – Draft for discussion presented to Steering Committee at monthly meeting during the week of March 29, 2021.
- Advisory Group Charter - Draft for discussion presented to Steering Committee at monthly meeting in April 2021. Thereafter, the draft charter will be presented to the Advisory Group for its review and comment at its initial meeting the week of May 24, 2021.
- Utility Coordination Group - Draft will presented to the Steering Committee at monthly meeting in April 2021. Thereafter, the draft charter will be presented to the Utility Coordination Group for its review and comment at its initial meeting anticipated to be in May 2021.

4. Initiating Stakeholder Engagement

4.1 Discussion

Meaningful stakeholder participation is essential to the success of the IEDR initiative. The IEDR Order articulates policy objectives and establishes venues and process that are intended to assure the broadest possible opportunity for stakeholder contributions throughout the entire lifecycle of the IEDR initiative. Robust stakeholder engagement is required to assure that 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 the elements of the State's energy system and customer information that are most useful to them. 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

advisory group 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 Advisory Group. Section 7 describes the actions that will be taken by the Program Sponsor to fulfill the PSC's goals for the advisory group.

Achieving the breadth and depth of stakeholder participation envisioned by the IEDR Order will require meaningful opportunities for broad stakeholder engagement that complements and contributes to the work of the advisory group. To that end, the Program Sponsor will 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 will be designed in consultation with stakeholders, the Advisory Group, Steering Committee, and program manager. Overall responsibility and accountability for stakeholder engagement resides with the Program Sponsor which will collaborate with and call upon the Program Manager to facilitate stakeholder engagement activities.

A calendar of stakeholder events will be included in the IEDR Program Dashboard. Two initial activities will be promptly initiated by the Program Sponsor within one month following the issuance of this PSIP:

- Post Order Webinar – To be presented by the Program Sponsor and DPS Staff to:
 - Summarize and explain the policies and requirements of the IEDR Order;
 - Discuss the PSIP and the initial activities to implement the IEDR Order; and
 - Describe opportunities for stakeholders to begin contributing to the IEDR.

- Notice to Stakeholders Soliciting Comments Addressing Initial Prioritization of Use Cases - Defining and prioritizing use cases is a foundational activity for the creation of the IEDR. Accordingly, stakeholders will be given the opportunity to contribute to those tasks before the Advisory Group is convened and the Program Manager is selected. The Program Sponsor will issue a notice inviting stakeholder comments to address the initial prioritization of use case. This information will provide valuable insights for the Steering Committee, Advisory Group, and Program Manager. This solicitation of comments will be facilitated by the Program Sponsor by convening one or more stakeholder meetings or

working groups and by developing a template to standardize the collection of information. Individual stakeholders will have the option to submit comments individually or as part of a group. Following the receipt of these stakeholder comments, the Program Sponsor will organize the responses in a useful format that will be shared with stakeholders, the Steering Committee, Advisory Group, and Program Manager.

4.2 Schedule

- Post Order Webinar
 - Notice of Webinar issued week of March 15, 2021
 - Webinar conducted week of April 12, 2021
- Notice to Stakeholders Soliciting Comments on Initial Prioritization of Use Cases
 - Issued during the Post Order webinar
 - Use Case webinar date to be determined, estimated in May 2021
 - Comment due date to be determined, estimated in late June 2021

5. Program Manager

5.1 Discussion

The Program Manager is the entity responsible for organizing and administering IEDR design, development and implementation. The Program Sponsor is responsible for specifying, procuring, and supervising services provided by a highly qualified professional Program Manager. This procurement will be informed by reference to the IEDR Whitepaper and consultation with the Steering Committee regarding the terms of the solicitation of proposals to be issued by the Program Sponsor.

The Program Sponsor will issue a Request for Proposals (RFP) and include specific program management services that will also be memorialized in the Program Manager's contract. The Program Manager will be responsible for, subject to consultation with and oversight by the Program Sponsor, developing procurement specifications and distributing all equipment, software, materials, facilities, network services, platform services, and other elements needed to fully implement the IEDR in accordance with a schedule that complies with PSC established milestones.

Among other activities that will be detailed in the solicitation and/or contract, the Program Manager will:

- Participate in meetings of the Steering Committee, Advisory Group, and Utility Coordination Group.

- Support all stakeholder engagement activities developed in consultation with and at the direction of the Program Sponsor including the implementation, facilitation, and documentation of a rigorous Advisory Group and general stakeholder engagement and communication process to inform and guide all phases of the program lifecycle.
- Develop and manage the IEDR Program schedule and budget.
- Develop specifications for the procurement, scope and management of all professional services that will enable:
 - development of the IEDR architecture
 - development and integration of detailed designs and specifications
 - deployment and integration of components and services
 - testing and commissioning the IEDR's capabilities
 - system administration
 - system operations
 - system security
- Develop specifications for the procurement and deployment all IEDR components.
- Coordinate the work performed by all program contributors to plan, design, deploy, test, commission, and operate the IEDR elements recognizing utility-specific elements that are separately deployed, operated, and maintained by the participating utilities should be the responsibility of the utilities and as appropriate, other program participants.
- Manage program risks and facilitate regular risk management meetings with the Program Sponsor.
- Prepare reports required by the Program Sponsor, including but not limited to monthly status and progress reports that address all aspects of the IEDR Program.

Procurement of the Program Manager, similar to all procurement through the IEDR program will comply with all State contracting procedures and policies and NYSERDA's procurement guidelines. The procurements will be guided by the principles of obtaining best overall value for New York, utility ratepayers, and all involved stakeholders, with the goals of accelerating implementation timelines, reducing initiative cost and risk, and protecting robustness of agreed-upon scope through sourcing high-quality components to be deployed during the IEDR implementation. The procurements will identify and consider opportunities for obtaining economies of scale and/or scope from any contracting required

to obtain needed IEDR components, in order to afford the team decision-making flexibility that enables best possible procurement execution.

In furtherance of these goals and policies, the Program Sponsor will design the RFP for the Program Manager to require any proposal reflect the proposing entity's approach to applying the aforementioned guiding principles with an emphasis to enable rapid and efficient updates to incorporate technological and or policy advancements in the design of its proposed procurement schedule.

5.2 Program Manager Procurement Schedule

- Issue RFP for Program Manager and related services – no later than April 22, 2021
- Contract with Program Manager executed, and work commences – on or about August 11, 2021

6. Steering Committee

6.1 Discussion

The IEDR Order provides for the establishment of a Steering Committee comprised of representatives from DPS and NYSERDA. The Steering Committee, through recommendations from and advice to the Program Sponsor and reflecting input from all aspects of the IEDR Program addresses significant IEDR Program risks that require management and mitigation; planned and unplanned deviations from the program scope, schedule, or budget; and upcoming program milestones. The Steering Committee will also timely consider all Advisory Group recommendations and ensure that those recommendations are appropriately considered in the formulation of the program's workstreams and design. The work of the Steering Committee will also be informed by consultation with the Program Manager and Utility Coordination Group.

The Program Sponsor is responsible for convening the Steering Committee. The Program Sponsor will also provide regular updates to the Steering Committee to include, among other topics, the monthly written reports the Program Sponsor will receive from the Program Manager. Among any other topics, the monthly reports will address the status of achieving the expectations reflected in the program budget and schedule. In the case of any deviation from expectations, the report will address the cause and recovery plan proposed by the Program Manager.

6.2 Schedule

- A schedule of monthly meetings will be established by the Steering Committee at its initial meeting the week of March 29, 2021.

7. Advisory Group

7.1 Discussion

The Program Sponsor will convene and work collaboratively with an Advisory Group to enable members of diverse stakeholder groups to timely provide informed commentary and guidance to the Program Sponsor and Steering Committee. Advisory Group members will be selected by the Steering Committee in consultation with the Program Sponsor which will also consider any suggestions by stakeholders. The Advisory Group members will reasonably represent all relevant stakeholder groups including, project developers, utilities, energy consumers, state and local government entities, and interested industry associations. The number of Advisory Group members will enable adequate representation across stakeholder groups while remaining manageable.

The Program Sponsor, in consultation with the Steering Committee and Advisory Group, will prepare a Charter for the Advisory Group. In addition to describing the size and composition of the Advisory Group, the Charter will present a description of the general scope of Advisory Group activities including:

- Roles and responsibilities of Advisory Group members;
- A schedule of meetings and a protocol for establishing agenda and conducting meetings;
- Timely review of and guidance related to IEDR use cases and their respective requirements and priorities;
- Guidance on planned IEDR capabilities including user interfaces and the overall experience;
- Guidance on means and methods for IEDR development and testing;
- Review of upcoming program milestones that depend on Advisory Group guidance;
- Member participation in use acceptance testing (UAT); and
- Participation in IEDR stakeholder surveys, focus groups, feedback sessions, or workshops.

7.2 Schedule

- Initial meeting of the Advisory Group – no later than week of May 24, 2021
- The schedule of meetings will be set once the Advisory Group begins operation and will be included in the PSIP update to be filed on or about August 11, 2021

8. Utility Coordination Group

8.1 Discussion

Program Sponsor will convene a Utility Coordination Group (UCG) as established by the IEDR Order. The UCG will provide 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 potential Data Access Framework. The UCG will be comprised of members of the Steering Committee or their designees, the Program Sponsor, the Program Manager, and the senior level leader of each utility IEDR implementation team that is established in compliance with the IEDR Order.

To assist DPS Staff and the Program Sponsor in understanding and evaluating the efforts and investments of each utility and to enable the assembling and transfer of data to the IEDR, and other related matters, the Program Sponsor will also procure a dedicated resource (Utility Data Systems Consultant).

The Program Sponsor, in consultation with the UCG, will prepare a Charter for the UCG. Among other things, the charter will describe the size and composition of the UCG, a schedule of meetings and a protocol for establishing agenda and conducting meetings.

8.2 Schedule

- Initial meeting of the UCG – estimated to be the week of April 12, 2021
- Issue RFP for Utility Data Systems Consultant – not later than April 22, 2021
- Contract for Utility Data Systems Consultant awarded – Twelve weeks after RFP issuance

9. IEDR Program Funding

9.1 Discussion

The IEDR Order established a budget cap of \$13.5 million for NYSEDA's Phase 1 efforts. The Order directed recovery of these costs in proportion to the total electric load for 2019 among NYPA, LIPA, and jurisdictional utilities, with the allocation of costs among jurisdictional utilities in the same manner as costs allocated and collected through the bill-as-you-go agreements. Based upon 2019 load values provided by DPS Staff, costs will be allocated in the following apportionment:

| IEDR Cost Allocation | 2019 MWh load | % | | BAYG | IEDR | |
|---------------------------------|---------------|--------|---------|-------------|-------------|--------------|
| | | | | Allocation% | Allocation% | |
| Central Hudson | 4,962,793 | 3.1% | 76.49% | 5.5% | 4.21% | \$567,935 |
| Consolidated Edison | 55,401,076 | 34.5% | | 40.5% | 30.98% | \$4,182,068 |
| New York State Electric and Gas | 17,217,304 | 10.7% | | 12.9% | 9.87% | \$1,332,066 |
| Niagara Mohawk | 33,986,467 | 21.1% | | 30.1% | 23.02% | \$3,108,154 |
| Orange and Rockland | 4,122,410 | 2.6% | | 4.1% | 3.14% | \$423,370 |
| Rochester Gas and Electric | 7,290,412 | 4.5% | | 6.9% | 5.28% | \$712,500 |
| Long Island Power Authority | 18,801,000 | 11.7% | 11.69% | | 11.69% | \$1,578,632 |
| New York Power Authority | 18,999,198 | 11.8% | 11.82% | | 11.82% | \$1,595,274 |
| | 160,780,660 | 100.0% | 100.00% | 100.0% | 100.00% | \$13,500,000 |

All IEDR Program related expenditures will be managed by the Program Sponsor in compliance with NYSERDA’s budget and accounting policies and principles.

9.2 Schedule

- o NYSERDA will file an updated bill-as-you-go summary with the PSC no later than April 11, 2021 and make any necessary changes to the funding agreements with the individual utilities.

9.3 Budget

Initial Program expenditures will be minimal until such time that contracts for the Program Manager and Utility Data Systems Consultant are in place on or about August 11, 2021. IEDR-related expenditures until then consist primarily of NYSERDA Staff time. Expenditures for NYSERDA Staff time to advance the initiative between the filing of this initial PSIP and the updated PSIP are estimated to be less than \$200,000.

A detailed budget will be provided after procurements for the Program Manager and utility data systems consultant at the time of the filing of the updated PSIP.

10. Reporting

10.1 Discussion

The IEDR Order establishes the requirements for publicly accessible reporting by the Program Sponsor. The Program Sponsor will provide public reports and information through the following formats:

The Program Sponsor will establish and maintain a publicly accessible IEDR Program Dashboard that presents a summary of the status of IEDR program development and implementation.

The Program Sponsor will file quarterly reports with the PSC that address the status of all

aspects of IEDR Program activities. Among the topics to be included in the Program Sponsor Quarterly Reports are:

- Status of all aspects of the IEDR program including scope, schedule and milestones highlighting any planned and unplanned deviations.
- Proposed activities to respond to the deviation.
- A summary of stakeholder engagement activities including any recommendations or concerns that have been expressed by the Advisory Group and the Program Sponsor's response to such topics.
- A budget report that provides actual and predicted program expenditures and recommendations addressing whether budget and or scope modifications are needed.
- Identification of significant program risks that require management and mitigation.

The Program Sponsor will also file two milestone reports. The first is the Phase 1 Summary Report following the initial commencement of operation of the IEDR at the end of Phase 1. The second is an IEDR Phase 2 Proposal that will include any information necessary to support Phase 2 funding and authorization by the PSC, including details addressing the efforts and investments that are necessary at each utility to implement Phase 2.

10.2 Schedule

- The IEDR program dashboard will be operational on or before October 31, 2021
- The first quarterly report will be filed with the PSC on or before October 31, 2021
- The Phase 2 proposal will be filed on or before January 15, 2023
- The Phase 1 summary report will be filed or before on July 30, 2023

**APPENDIX A
BUDGET
[RESERVED]**

APPENDIX B

Schedule of Major Milestones

Charters

- Program Charter – Draft for discussion presented to Steering Committee at monthly meeting the week of March 29, 2021.
- Steering Committee Charter – Draft for discussion presented to Steering Committee at monthly meeting during the week of March 29, 2021.
- Advisory Group Charter - Draft for discussion presented to Steering Committee at monthly meeting in April 2021. Thereafter, the draft charter will be presented to the Advisory Group for its review and comment at its initial meeting the week of May 24, 2021.
- Utility Coordination Group - Draft will presented to the Steering Committee at monthly meeting in April 2021. Thereafter, the draft charter will be presented to the Utility Coordination Group for its review and comment at its initial meeting anticipated to be in May 2021.

Stakeholder Engagement

- Post Order Webinar
 - Notice of webinar issued week of March 15, 2021
 - Webinar conducted week of April 12, 2021
- Notice to Stakeholders Soliciting Comments on Initial Prioritization of Use Cases
 - Issued during the post order webinar
 - Use case webinar date to be determined, estimated in May 2021
 - Comment due date to be determined, estimated in late June 2021

Program Manager Request for Proposal (RFP)

- Issue RFP for Program Manager and related services – no later than April 22, 2021
- Contract with Program Manager executed, and work commences – on or about August 11, 2021

Utility Data Systems Consultant Request for Proposal (RFP)

- Issue RFP for utility data systems consultant – no later than April 22, 2021

Steering Committee

- A schedule of monthly meetings will be established by the Steering Committee at its initial meeting the week of March 29, 2021

Advisory Group

- Initial meeting of the Advisory Group – no later than week of May 24, 2021
- The schedule of meetings will be set once the Advisory Group begins operation and will be included in the PSIP update to be filed on or about August 11, 2021

Utility Coordination Group

- Initial meeting of the UCG – estimated to be the week of April 12, 2021

Reporting and IEDR Program Phases

- The IEDR program dashboard will be operational on or before October 31, 2021
- The first quarterly report will be filed with the PSC on or before October 31, 2021.
- The Phase 2 proposal will be filed on or before January 15, 2023
- The Phase 1 summary report will be filed or before on July 30, 2023