# Project Prioritization Timeline

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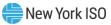
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**Budget and Priorities Working Group**

January 19, 2021, Krey Corporate Center

# Agenda

- Project Prioritization Phases, Milestone, and Timeline

- Candidate Project Description Template

- Next Steps

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# Project Prioritization Phases, Milestones, and Timeline

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# Project Prioritization Process

| Phase | Description |
|-------|-------------|
| Stakeholder Project Identification | Stakeholders may present project ideas at stakeholder meetings, sector meetings, get feedback and refine their proposal during this phase before the NYISO provides a comprehensive list of candidate projects for consideration. |
| Identification | The NYISO develops a Markets and Enterprise project candidate lists from regulatory obligations, strategic initiatives, State of the Market recommendations, infrastructure enhancements, product plans and stakeholder proposals. These are presented and further refined with stakeholder input during this phase. |
| Prioritization | This phase involves a stakeholder survey and the NYISO prioritization of projects. The stakeholder survey will facilitate an assessment of the relative priority of the topic within the portfolio and is used to determine stakeholder appeal. The NYISO prioritization incorporates the stakeholder appeal into objective criteria that reflects strategic alignment, expected outcomes, risks, and ability to execute in development of a priority score for each Market project. |
| Evaluation | This phase involves performing a feasibility assessment based on detailed cost and labor estimates, dependencies, priority scores, and stakeholder feedback. |
| Recommendation | This phase involves proposing a feasible set of project deliverables and related budget requirements. The proposal is refined as needed based on stakeholder feedback. |

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# Project Type

| Project Type | Description |
|---|---|
| Mandatory | Strategic Initiatives and FERC Orders.  These projects will be included in the budget |
| Continuing | Approved in a prior year and have progressed to either Software Design or Development Complete.  Additional projects may be classified as Continuing based on stakeholder feedback.  These projects will be included in the budget |
| Future | Consensus from stakeholder discussions of this projects priority relative to other projects has resulted in these projects NOT being prioritized and initiated in the coming budget year.  Resources, time constraints, stakeholder feedback, and other project dependencies have been taken into consideration |
| Prioritize | Projects to be prioritized and included in the budget based on a feasibility assessment taking into consideration resources, time constraints, stakeholder feedback, priority score, and other project  dependencies.  Market projects are included in the stakeholder survey |

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# Project Category

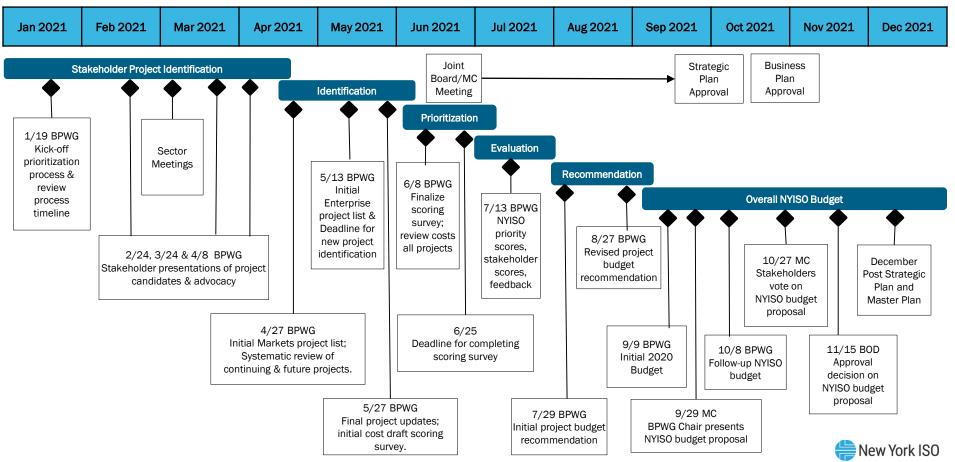| Project Category | Description |
|---|---|
| Enterprise | Includes internal-facing technology and back office support projects that have no market rule changes. This list includes projects that may be noticeable to Market Participants. These projects are NOT included in the stakeholder survey |
| Market | Projects associated with market rule(s) including market design and study projects as well as any project implementing market rule changes. These projects are included in the stakeholder survey unless they are Mandatory, Continuing, or Future |

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# Project Scoring

| Project Scoring | Description |
|---|---|
| NYISO Only | Enterprise projects that are not Mandatory, Continuing, or Future types are scored by the NYISO Only during the Prioritization phase.  These projects are included in the budget based on a feasibility assessment taking into consideration resources, time constraints, priority score and other project  dependencies. |
| Stakeholder Scored | Market projects that are not Mandatory, Continuing, or Future are included in the stakeholder survey and scored by the NYISO during the Prioritization phase. These projects are included in the budget based on a feasibility assessment taking into consideration resources, time constraints, stakeholder feedback, priority score, and other project  dependencies. |

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# Milestone Definitions

| Milestone | Definition |
|-----------|-----------|
| Market Design Concept Proposed | NYISO has initiated, or furthered discussions with stakeholders that explore potential concepts to address opportunities for market efficiency or administration improvements. |
| Market Design Complete | NYISO has developed with stakeholders, a market design concept such that the proposal can be presented for a vote at the BIC or MC to define further action on the proposal. |
| Architectural Design | The architectural design document is complete and software development is ready to begin. |
| Functional Requirements | NYISO has completed documentation of the functional requirements and the Business Owner has approved. |
| Software Design | The software design document is complete and software development is ready to begin. |
| Development Complete | Development has been completed, packaged and approved by the Supervisor. |
| Deployment | Required software changes to support commitment have been integrated into the production environment. |
| Study Complete | Scope of work to be performed has been completed; results and recommendations have been presented to the appropriate Business Owners and stakeholders. |
| Study Defined | The scope of work for the study has been presented to stakeholders, including a discussion on the necessary input(s), assumption(s) and objective(s) of the study. |
| Issue Discovery | NYISO has facilitated education session(s) for stakeholder knowledge development of problem/issue, conducted stakeholder solicitation of potential solutions to address problem/issue, and summarized findings at a working group meeting for potential ranking and future project identification. |

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# 2022 Proposed Project Prioritization Timeline

| Jan 2021 | Feb 2021 | Mar 2021 | Apr 2021 | May 2021 | Jun 2021 | Jul 2021 | Aug 2021 | Sep 2021 | Oct 2021 | Nov 2021 | Dec 2021 |
|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|

**Stakeholder Project Identification**

**Identification**

Joint Board/MC Meeting

**Prioritization**

Strategic Plan Approval

Business Plan Approval

**Evaluation**

**Recommendation**

**Overall NYISO Budget**

1/19 BPWG Kick-off prioritization process & review process timeline

Sector Meetings

5/13 BPWG Initial Enterprise project list & Deadline for new project identification

6/8 BPWG Finalize scoring survey; review costs all projects

7/13 BPWG NYISO priority scores, stakeholder scores, feedback

8/27 BPWG Revised project budget recommendation

10/27 MC Stakeholders vote on NYISO budget proposal

December Post Strategic Plan and Master Plan

2/24, 3/24 & 4/8 BPWG Stakeholder presentations of project candidates & advocacy

4/27 BPWG Initial Markets project list; Systematic review of continuing & future projects.

6/25 Deadline for completing scoring survey

9/9 BPWG Initial 2020 Budget

10/8 BPWG Follow-up NYISO budget

11/15 BOD Approval decision on NYISO budget proposal

5/27 BPWG Final project updates; initial cost draft scoring survey.

7/29 BPWG Initial project budget recommendation

9/29 MC BPWG Chair presents NYISO budget proposal

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# Candidate Project Description Template

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# Project Descriptions

- Attached to today's BPWG meeting materials
- Candidate project description template same as last year
- The NYISO will facilitate stakeholder discussion at BPWG to see if projects addressing the same problem can be grouped together

**Instructions:** Stakeholders are encouraged to present their project ideas at a stakeholder meeting and raise with their sector to get feedback on their proposal. Several BPWG meetings have been set aside at the start of the project prioritization process. The project description below is required for all project candidates to be included in the survey. Stakeholders should contact Brian Hurysz at (518) 461-6405 or email bhurysz@nyiso.com (cc Leigh Bullock lbullock@nyiso.com on any email communications) to discuss any suggestions for new projects. A NYISO staff member will be assigned to work with the stakeholder on each new project request, provide assistance with completing this business case as needed, and facilitate internal discussions for the NYISO scoring and resource estimation. Please complete this template with as much information as possible.

## 1 <Title of proposed project candidate> Requested by <Company Name(s)>

### 1.1 Problem / Opportunity

*This section describes the business problem to be addressed or opportunity to be studied by the proposed project. Supporting background information, prior work, and analysis to the extent it is available should be included.*

### 1.2 Project Objective(s) & Anticipated Deliverable(s)

*This section describes what the project should do to address the business problem or opportunity. It summarizes the approach and desired outcome, and may build on project work in a prior year. It includes the expected deliverables to satisfy the project objective and is tied to the proposed project milestone. The NYISO will work with the stakeholder(s) proposing a project to formulate what may be feasibly delivered in a particular time frame based on resourcing estimated for the effort.*

### 1.3 Project Justification

*This section provides reason(s) why the candidate project should be considered, including the expected benefits of completing the project and possible risks of not completing the project. Examples would include addressing a FERC Order, Tariff requirements, automate manual processes, mitigate risk, market enhancements, and State of the Market recommendations.*

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# Next Steps

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# Next Steps

- Review of stakeholder identified project candidates and advocacy is scheduled for BPWG meetings starting February 24$^{th}$

- If Stakeholders would like the NYISO to assist them in developing material for a stakeholder meeting, the NYISO would request the project candidates be identified 2 weeks before the meeting
  - Contact Brian Hurysz at [bhurysz@nyiso.com](mailto:bhurysz@nyiso.com) or (518) 461-6405 for assistance

- The NYISO will provide an initial list of Market projects on April 27th

- May 13$^{th}$ BPWG is the deadline for stakeholders to identify new projects for final presentation May 27$^{th}$, and still have them included in the scoring survey

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# Our mission, in collaboration with our stakeholders, is to serve the public interest and provide benefit to consumers by:

- Maintaining and enhancing regional reliability

- Operating open, fair and competitive wholesale electricity markets

- Planning the power system for the future

- Providing factual information to policymakers, stakeholders and investors in the power system



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# Questions?

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