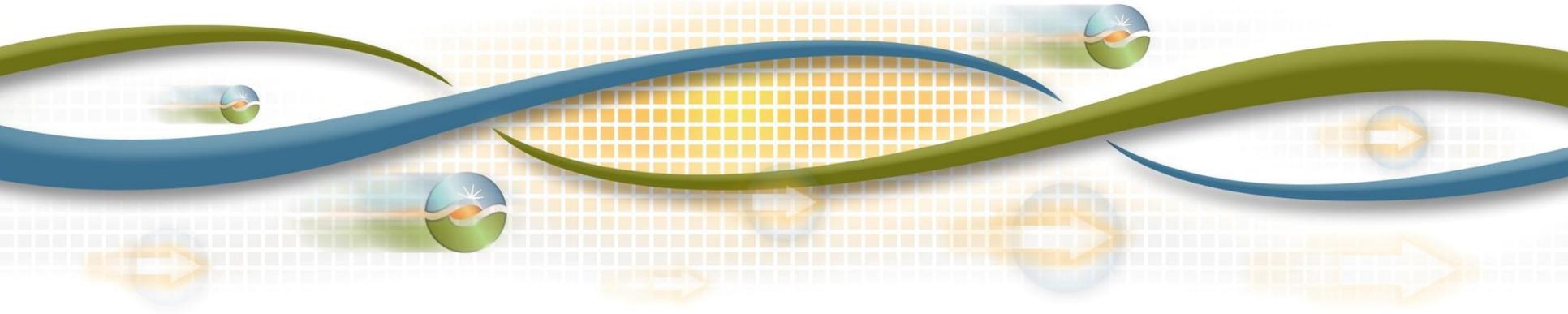


# 2013 Stakeholder Initiatives Catalog

Stakeholder Conference Call

Carrie Bentley

October 10, 2013



# Stakeholder Initiatives Catalog – Agenda 10/10/13

| Time          | Topic                            | Presenter      |
|---------------|----------------------------------|----------------|
| 10:00 – 10:05 | Introduction & Meeting Objective | Julia Payton   |
| 10:05 – 10:35 | Catalog Overview                 | Carrie Bentley |
| 10:35 – 10:55 | Stakeholder Comments Request     | Carrie Bentley |
| 10:55 – 11:00 | Next steps                       | Julia Payton   |

# Catalog Overview

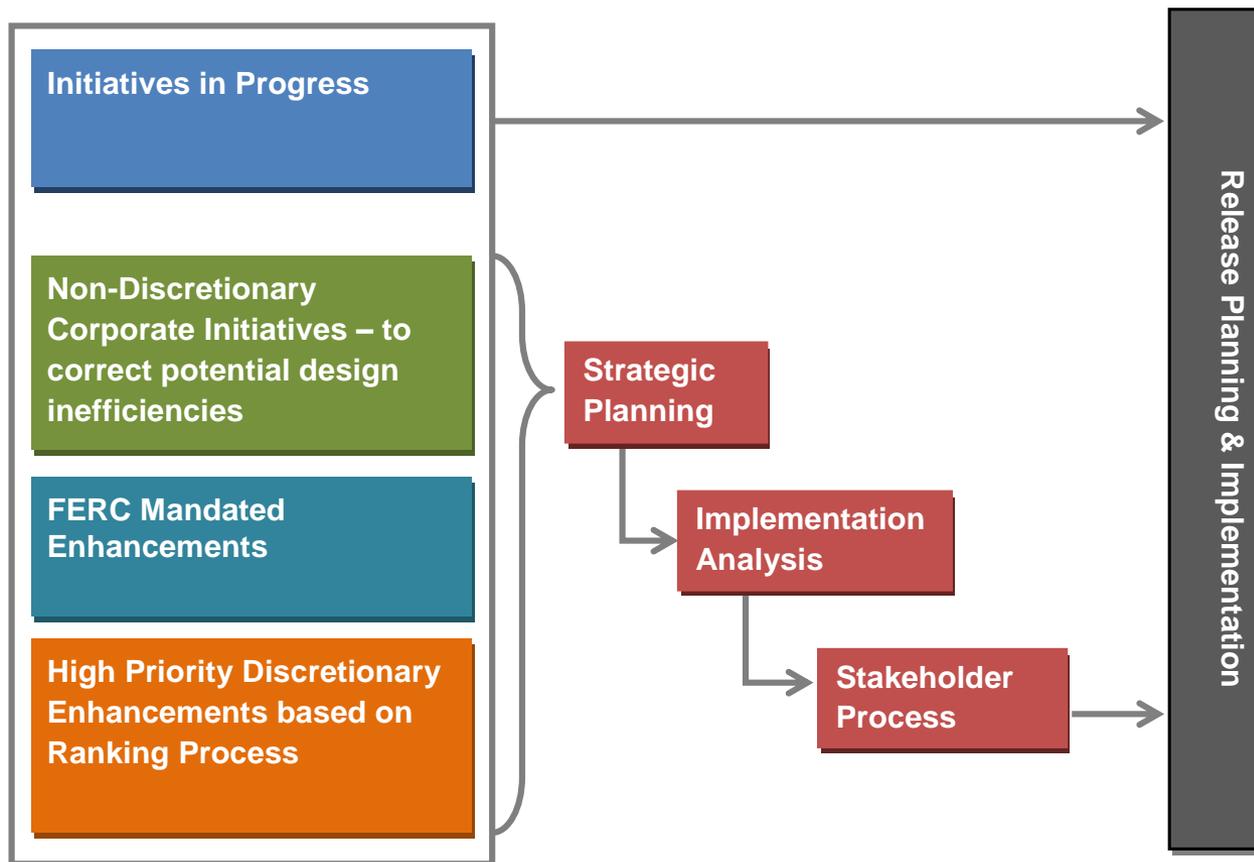
# Introduction

- Catalog documents current and proposed policy changes and enhancements, which require a stakeholder process.
- Also tracks completed initiatives and no longer relevant or necessary initiatives.
- Used for several purposes:
  - Tracking
  - Planning
  - Perspective

# Catalog description

- 2013 catalog contains both market design and infrastructure and planning initiatives.
- Initiatives can fall into four different categories:
  - In progress (I)
  - Non-discretionary (N)
  - FERC-mandated (F)
  - Discretionary (D)

# Initiative and priority process overview



# Catalog organization

|                                       |  |
|---------------------------------------|--|
| Section 1 – Introduction              | Section 8 – Resource/Supply Adequacy     |
| Section 2 – Day-Ahead Market          | Section 9 – Seams and Regional Issues    |
| Section 3 – Real-Time Market          | Section 10 – Infrastructure and Planning |
| Section 4 – Residual Unit Commitment  | Section 11 – Other                       |
| Section 5 – Ancillary Services        | Section 12 – Completed Initiatives       |
| Section 6 – Congestion Revenue Rights | Section 13 – Deleted Initiatives         |
| Section 7 – Convergence Bidding       |  |

# Categories

|                                      | In progress | FERC     | Non-Discretionary | Discretionary |
|--------------------------------------|-------------|----------|-------------------|---------------|
| Day Ahead Market Design              | 2           | 0        | 0                 | 4             |
| Real-Time Market Design              | 3           | 1        | 0                 | 9             |
| Residual Unit Commitment             | 1           | 0        | 0                 | 1             |
| Ancillary Services                   | 2           | 0        | 0                 | 3             |
| Congestion Revenue Rights            | 0           | 0        | 0                 | 6             |
| Convergence Bidding Enhancements     | 0           | 0        | 0                 | 3             |
| Resource/Supply Adequacy Initiatives | 1           | 1        | 0                 | 5             |
| Seams and Regional Issues            | 0           | 0        | 0                 | 2             |
| Infrastructure & Planning            | 0           | 0        | 0                 | 4             |
| Other                                | 4           | 0        | 2                 | 5             |
| <b>TOTAL</b>                         | <b>13</b>   | <b>2</b> | <b>2</b>          | <b>42</b>     |

# New initiatives since last catalog

| Section                              | Initiative  | Status |
|--------------------------------------|---|--------|
| Real-Time Market Design              | Bidding Rules   | D      |
| Real-Time Market Design              | Multi-Stage Generation Transition Costs                   | D      |
| Real-Time Market Design              | Regional Flexible Ramping Product                         | D      |
| Real-Time Market Design              | Stepped Transmission Constraint                           | D      |
| Convergence Bidding Enhancements     | Convergence Bidding Clawback                              | D      |
| Convergence Bidding Enhancements     | Real-time Congestion Uplift Cost Allocation               | D      |
| Resource/Supply Adequacy Initiatives | Joint Reliability Framework                               | D      |
| Resource/Supply Adequacy Initiatives | Voluntary Demand Response Auction                         | D      |
| Seams and Regional Issues            | EIM Transmission Access Charge                            | D      |
| Infrastructure & Planning            | Affected Systems  | D      |
| Other                                | Electric Vehicle Charging Station Demand Response Product | D      |
| Other                                | Generator Unit Testing                                    | D      |
| Day Ahead Market Design              | Full Network Model  | I, N   |
| Other                                | Exceptional Dispatch Decremental Settlement               | N      |
| Other                                | Greenhouse Gas Rules                                      | N      |

# Stakeholder Comments Request

# Stakeholder comments request

## Two comment requests-

- First due *October 23<sup>rd</sup>*:
  1. Review discretionary initiatives for completeness.
  2. Add discretionary initiatives not listed in this version.
  3. Suggest additions, deletions, or clarifications to items in catalog.
- Second due *November 22<sup>nd</sup>*:
  1. Rank discretionary items.
  2. Note any initiatives that should not be on delete list.

# Comments due October 23<sup>rd</sup>

1. Review the discretionary initiatives for completeness
  - Questions and clarifications
  - Suggest initiatives to be deleted
2. Add discretionary initiatives not listed in catalog
  - Provide:
    - Detailed explanation of new initiative;
    - Explain how it may affect market participants, reliability and/or efficiency of the market;
    - When it needs to be addressed.

# Comments due November 22<sup>nd</sup>: rank initiatives

## 3. Rank discretionary initiatives

- Select five discretionary market design initiatives.\*
- Rank each of these initiatives based on four of the high level prioritization criteria (see next slide).
- For each initiative provide a rationale for considering this initiative over others and discuss why a score was provided under each criterion.
- Focus on initiatives with broad market benefits.

\*Infrastructure and planning can be considered separately

# Comments due November 22<sup>nd</sup>: high level prioritization criteria

|   |             | Criteria  | HIGH<br>10                          | MEDIUM<br>7                         | LOW<br>3                                  | NONE<br>0          |                                   |
|---|-------------|---|-------------------------------------|-------------------------------------|---|--------------------|-----------------------------------|
| A | Benefit     | Grid Reliability  | Significant Improvement             | Moderate Improvement                | Minimal Improvement                       | No Improvement     | ← Provide score                   |
| B |             | Improving Overall Market Efficiency                         | Significant improvement             | Moderate improvement                | Minimal improvement                       | No impact          | ← Provide score                   |
| C |             | Desired by Stakeholders                                     | Universally desired by stakeholders | Desired by majority of stakeholders | Desired by a small subset of stakeholders | No apparent desire | Optional / ISO to make assessment |
| D | Feasibility | Market Participant Implementation Impact (\$ and resources) | No Impact                           | Minimal Impact                      | Moderate Impact                           | Significant impact | ← Provide score                   |
| E |             | ISO Implementation Impact (\$ and resources)                | No Impact                           | Minimal Impact                      | Moderate Impact                           | Significant impact | ← Provide score                   |

For each criterion use 0, 3, 7, or 10 for total maximum score of 40

# Next Steps

| Item   | Date     |
|--|----------|
| Stakeholder comments due for items (1) and (2) feedback                      | 10/23/13 |
| Post updated draft 2013 Stakeholder Initiatives Catalog and ranking template | 11/05/13 |
| Stakeholder comments due for item (3)  | 11/22/13 |
| Post revised draft 2013 Stakeholder Initiatives Catalog                      | 12/17/13 |

Please submit comments to [MarketDesign@caiso.com](mailto:MarketDesign@caiso.com)