

# Wholesale Markets Project Plan Closed Market Design Projects

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DECEMBER 2025





## Preface

ISO New England publishes the *Wholesale Markets Project Plan* (WMPP) on a biannual basis to communicate changes and advancements on the scope and status of key market initiatives and to identify new efforts to ensure an efficient and reliable electricity system in New England. The WMPP is available on [ISO New England's website](#). This document, the *Wholesale Markets Project Plan: Closed Market Design Projects*, includes information on closed WMPP projects.

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## Closed Market Design Projects

The ISO has closed the following projects, either by modifying the market design and tariff or by determining that no further action is required at this time. Market design projects are moved to this document after they have completed the stakeholder process and/or a Federal Energy Regulatory Commission (FERC) Order is signaled in the *Wholesale Markets Project Plan*. The ISO maintains a historical repository of [FERC orders](#) by month and year. Market design projects that did not result in near-term design changes are also shown on the list below.

**Summary of Completed Market Design Projects  
(Listed by Most Recent Estimated Earliest Effective Date)**

Project ID	Market Project	Estimated Earliest Effective Date	Docket No. (Filing Date)	Design Status
179	<a href="#">DASI Conforming Changes</a> ; Clarifications to Self-Scheduled External Transaction Rules	October 27, 2024, for clarifications to self-scheduled external transactions February 28, 2025, for conforming changes	October 18, 2024 ER24-2883-000  January 2, 2025 ER25-456-000	Complete
162	<a href="#">Day-Ahead Ancillary Services Initiative (DASI) and DASI Mitigation Design</a>	February 28, 2025	January 29, 2024 ER24-275-000  January 2, 2025 ER25-456-000	Complete
180	New Brunswick Coordination Agreement Modification	January 1, 2025	December 17, 2024 ER25-328-000	Complete
177	<a href="#">FERC Order No. 2023/2023-A Compliance</a> (Market Rule 1 Conforming Changes)	August 12, 2024  May 3, 2025, for date changes	April 4, 2025 ER24-2007-000 ER24-2009-000  June 30, 2025 ER25-2149-000	Complete
178	<a href="#">Alternative FCM Commitment Horizons (Further Delay of FCA 19)</a>	May 20, 2024	May 20, 2024 ER24-1710-000	Complete
169	Distributed Energy Capacity Resources (DECRs) Tariff Updates	May 1, 2024	January 24, 2024 ER24-484-000	Complete
175	Forward Reserve Market Offer Cap Update and Bid Publication	April 15, 2024	April 12, 2024 ER24-1245-000	Complete
170	Forward Capacity Market (FCM) Retirement Reforms: Bid Flexibility	March 1, 2024	January 11, 2024 ER24-420-000	Complete
159	Competitive Capacity Markets without a Minimum Offer Price Rule (MOPR)	May 20, 2022, for FCA17 and FCA18  March 1, 2024, for CCP 19	May 27, 2022 ER22-1528-000	Complete
173	FCM Net CONE (Cost of New Entry) Updates Supporting MOPR Reforms for FCA 19	January 15, 2024	January 10, 2024 ER24-401-000	Complete

Project ID	Market Project	Estimated Earliest Effective Date	Docket No. (Filing Date)	Design Status
176	<a href="#">Forward Capacity Auction (FCA) 19 Schedule Delay</a>	January 3, 2024	January 2, 2024 ER24-339-000	Complete
161	Incorporate Solar into Do-Not-Exceed (DNE) Dispatch	December 5, 2023	January 19, 2023 ER23-517-000	Complete
172	OP-9 Updates to Scheduling and Dispatch of External Transactions	October 31, 2023	—	Complete
168	Inventoried Energy Program (IEP) for Winters 2024/2025 and 2025/2026 Parameter Updates	August 4, 2023	January 18, 2024 ER24-492-000	Complete
164	Clarify Capacity Transfer Rights (CTRs) Calculation	March 21, 2023	March 21, 2023 ER23-911-000	Complete
163	FCM Parameters Recalculation Schedule Modification	November 1, 2022	October 12, 2022 ER23-74-000	Complete
165	Continuous Storage Facility (CSF) Model Improvement	October 1, 2022	July 29, 2022 ER22-2546-000	Complete
160	Accelerate Forward Capacity Market (FCM) Billing and Settlement	June 1, 2022	April 28, 2022 ER22-1167-000	Complete
112	Zonal Demand Curves: FCM Cost Allocation (Allocation of Forward Capacity Costs)	June 1, 2022	September 26, 2018 ER18-2125-000	Complete
153	Revision to Requested Billing Adjustment (RBA) Submissions	May 1, 2022	Merged with <a href="#">WMPP ID No. 160</a> as minor revisions	Complete
—	New England's Future Grid Initiative: Pathways to the Future Grid report	April 2022, final report published	—	Complete
152	Remove Appendix B of Market Rule 1	August 1, 2021	August 16, 2021 ER21-2220-000	Complete
137	Solar Data Requirements	July 20, 2021	July 16, 2021 ER21-1974-000	Complete
154	Code of Conduct Reference for IMM Ethics Standards	June 12, 2021	June 3, 2021 ER21-1666-000	Complete
139	Offer Review Trigger Prices (ORTP)	June 8, 2021	June 22, 2021 ER21-1637-000	Complete
139	Cost of New Entry (CONE), Net CONE Deficiency Response and Corrections (SOI16)	May 29, 2021	May 28, 2021 ER21-787-000	Complete
144	FCM Performance Payment Rate	May 29, 2021	July 30, 2021, September 23, 2021 ER21-787-000	Complete
156	Eliminate FCM Price Lock and Zero-Price Offer Rule to Comply with FERC Order No. EL20-54-000	April 2, 2021	April 12, 2021 ER21-1010-000	Complete
151	Exempt Energy Efficiency from Pay for Performance Settlement	April 1, 2021	March 31, 2021 ER21-943-000	Complete
143	Dynamic De-List Bid Threshold (DDBT)	March 1, 2021	March 1, 2021 ER21-782-000	Complete

Project ID	Market Project	Estimated Earliest Effective Date	Docket No. (Filing Date)	Design Status
129	Order No. 841 Compliance: Electric Storage Participation in Markets	March 1, 2021 January 1, 2026, for changes related to the Day-Ahead Energy Market	February 10, 2021 ER19-470-005	Complete
123	Permanent and Retirement De-List Economic Life Calculation	February 2021	May 27, 2020 ER18-1770-000	Complete
148	Modifications to the Qualification of Energy Efficiency in the Forward Capacity Market (FCM)	February 2021 January 2022 for the March 2022 monthly Reconfiguration Auction and bilateral qualification period	February 11, 2021 ER21-640-000	Complete
84	Resource Dispatchability Requirements	January 1, 2021	May 8, 2020 ER17-068-001	Complete
145	Day-Ahead Energy Market Offer Window Modification and Offer Cap Clean Up Changes	October 1, 2020	September 28, 2020 ER20-2511-000	Complete
140	Metering Requirements for DC-Coupled Assets	August 6, 2020	August 6, 2020, Operating Procedure & Manual Revisions approved by PC	Complete
—	Energy Efficiency Treatment During Capacity Scarcity Conditions	August 1, 2020	July 21, 2020 ER20-1967-000	Complete
142	NCPC Audit Eligibility Clean Up	May 1, 2020	April 20, 2020 ER20-1094-000	Complete
111	Order No. 831 Implementation Modification	March 1, 2020	August 13, 2019 ER19-2137-000	Complete
138	Non-Commercial Capacity Financial Assurance Improvements	January 15, 2020	January 3, 2020 ER20-394-000	Complete
136	Import Resource Transaction Requirements and Clean Up	October 23, 2019	September 19, 2020 ER19-2565-000	Complete
129, 122	Enhanced Storage Participation and Order No. 841 Compliance: Conforming Manual Change	October 14, 2019	October 4, 2019, Approved by PC	Complete
111	FERC Order No. 831: Offer Caps in Markets Operated by RTOs and ISOs	October 1, 2019	November 9, 2017 ER17-1565-000	Complete
135	Nested Export Constrained Capacity Zones under Zonal Demand Curve (FCA14)	October 1, 2019	September 3, 2019 ER19-2421-000	Complete
126	Forward Capacity Auction Rationing Limit	September 25, 2019	September 17, 2018 ER18-2078-000	Complete
104	Balance of Planning Period: Conforming Market Changes	September 17, 2019	August 1, 2019 ER19-2327-000	Complete
133	Inventoried Energy Program for Winters 2024/2025 and 2025/2026 Eligibility Compliance Revisions	May 28, 2019	June 18, 2020 ER19-1428-000	Complete

Project ID	Market Project	Estimated Earliest Effective Date	Docket No. (Filing Date)	Design Status
122	Enhanced Storage Participation	April 1, 2019	October 10, 2018 ER19-84-000	Complete
103	Significant Decrease Calculations for FCA Qualification	March 14, 2019	March 13, 2019 ER19-1271-000	Complete
69	<a href="#">PRD: Post Implementation Changes and Clean Up</a>	February 19, 2019	December 20, 2018 ER19-614-000	Complete
117	<a href="#">CASPR Conforming Changes, Clean Up and Enhancements</a>	January 29, 2019	November 30, 2018 ER19-444-000	Complete
132	CONE & ORTP Consolidation	January 14, 2019	January 29, 2019 ER19-335-000	Complete
128	Order No. 844 Compliance: Uplift Cost Allocation and Transparency	January 1, 2019	November 29, 2018 ER18-2394-000	Complete
127	Delayed Commercial Resource Treatment	December 24, 2018	December 20, 2019 ER19-169-000	Complete
131	Opportunity Costs and Energy Market Offers	December 1, 2018	—	Complete
124	FCM Retain Resources for Fuel Security	October 20, 2018	December 3, 2018 ER18-2365-000	Complete
69, 75, 109, 121	Conforming Manual Changes	October 4, 2018	October 4, 2018 Approved by PC	Complete
121	Real-Time Reserve Designation & Settlement Rules	June 1, 2018	March 29, 2018 ER18-897-00	Complete
109	<a href="#">FCM Pay for Performance (Performance Incentives): Conforming Changes</a>	June 1, 2018	May 11, 2018 ER18-1223-000	Complete
75	FCM Enhancements Phase II	June 1, 2018	May 8, 2018 ER18-1287-000	Complete
69	<a href="#">Price-Responsive Demand (PRD): Conforming Changes</a>	June 1, 2018	October 17, 2017 ER17-2164-000	Complete
21	<a href="#">Price-Responsive Demand: Energy Market (Order No. 745)</a>	June 1, 2018	January 19, 2012 ER11-4336-000 ER11-4336-001 ER11-4336-002	Complete
35	<a href="#">FCM Performance Incentives</a>	June 1, 2018	January 17, 2014 ER14-1050-000 ER14-1050-001 EL14-52-000	Phase 1 Complete
117	<a href="#">Competitive Auctions with Sponsored Policy Resources (CASPR)</a>	March 9, 2018	March 9, 2018 ER18-619-000	Complete
119	Dynamic De-List Bid Threshold	March 9, 2018	March 9, 2018 ER18-620-000	Complete
103	<a href="#">Zonal Demand Curves: CSO Transactions using MRI Demand Curves (Annual Reconfiguration Transactions)</a>	March 1, 2018	February 28, 2018 ER18-455-000 ER18-455-001	Complete
69	<a href="#">PRD Conforming Changes: Self-Funding Tariff</a>	January 1, 2018	December 6, 2017 ER18-77-000	Complete

Project ID	Market Project	Estimated Earliest Effective Date	Docket No. (Filing Date)	Design Status
120	Small Generator Modeling Options	December 20, 2017	November 22, 2017 ER18-122-000	Complete
118	NCPC Modifications for Ramp Constrained Resources	December 1, 2017	November 2, 2017 ER17-2569-000	Complete
107	Order No. 825 Compliance: Settlement Interval Requirements	December 1, 2017	February 24, 2017 ER17-774-000	Complete
108	Clarifying Revisions to Force Majeure	November 21, 2017	October 24, 2017 ER17-2533-000	Complete
115	Enable Subhourly Revenue Quality Metering Submittals	August 1, 2017	July 7, 2017 ER17-1706-000	Complete
113	Coordination Agreement Clean-up	August 1, 2017	June 16, 2017 ER17-1625-000	Complete
114	Capping Adjusted Energy Offers for Use in Fast Start Pricing	July 3, 2017	June 30, 2017 ER17-1542-000	Complete
84	Resource Dispatchability Requirements: Conforming Manual M-11 Changes	May 5, 2017	Manual Complete	Complete
85	Fast-Start Resource Pricing	March 31, 2017	October 19, 2015 ER15-2716-000	Complete
55	DARD Pump Intertemporal Parameters	March 31, 2017	March 22, 2016 ER16-954-000 ER16-954-001	Complete
100	CONE Recalculation and ORTP Updates	March 15, 2017	January 13, 2017 ER17-795-000	Complete
106	NCPC Modifications for Sub-Hourly Settlement	March 1, 2017	February 23, 2017 ER17-680-000 ER17-680-001	Complete
48	Subhourly Real-Time Settlement	March 1, 2017	June 2, 2016 ER16-1838-000	Complete
67, 75, 97	Manual M-20 Conforming Changes	March 1, 2017	Manual Complete	Complete
110	Deletion of Active Demand Resource Tariff Provisions	Part 1: Feb. 24, 2017 Part 2: June 1, 2018	March 15, 2017 ER17-925-001	Complete
105	Natural Gas Index Changes	January 10, 2017	January 9, 2017 ER17-337-000	Complete
75	FCA Qualification Provisions	December 27, 2016	December 6, 2016 ER16-2126-001	Complete
84	Resource Dispatchability Requirements	December 12, 2016	December 9, 2016 ER17-68-000 ER17-68-001	Complete
101	Dual-Fuel Auditing NCPC Fixes	November 1, 2016	September 1, 2016 ER16-2529-000	Complete
98	Zonal Demand Curves	June 15, 2016	April 15, 2016 ER16-1434-000	Complete

Project ID	Market Project	Estimated Earliest Effective Date	Docket No. (Filing Date)	Design Status
86	FRM Modifications: Heat Rate	June 15, 2016	May 6, 2016 ER16-1296-000	Complete
86	FRM Modifications: Offer Cap	June 1, 2016	March 25, 2016 ER16-921-000	Complete
61	Simultaneous RTDR and RTEG Audit	June 1, 2016	December 23, 2015 ER16-167-001	Complete
50	Do Not Exceed Real-Time Dispatch	May 25, 2016	July 23, 2015 ER15-1509-000 ER16-870-000	Complete
97	Resource Retirement Reforms	March 1, 2016	April 12, 2016 ER16-551-000 ER16-551-001 ER16-551-002	Complete
95	NCPC Modifications	February 1, 2016	December 23, 2015 ER16-250-000	Complete
68	FCM Sloped Demand Curve: Conforming Changes	2016	—	Merged with other project
96	Price Responsive Demand: Implementation Delay	December 31, 2015	December 23, 2015 ER16-167-000 ER16-167-001	Complete
94	Baseline Method Modifications	December 31, 2015	December 23, 2015 ER16-167-000	Complete
83	CTS: Conforming Changes	December 15, 2015	November 9, 2015 ER15-2641-000	Complete
27	CTS: Self-Funding Tariff	December 15, 2015	November 9, 2015 ER15-2641-000	Complete
92	Reactive Capability Auditing	December 1, 2015	November 12, 2015 ER15-2628-000	Complete
8	Coordinated Transaction Scheduling	Q4 2015	February 13, 2015 ER12-1155-000	Phase 1 complete
64	FCM Sloped Demand Curve: Reconfiguration Auctions	October 12, 2015	October 7, 2015 ER15-2404-000	Complete
81	Winter Reliability Program: Winter Periods Prior to June 1, 2018	September 14, 2015	December 23, 2015 ER15-2208-002	Complete
93	Ownership Share Change Timing	August 7, 2015	Manuals Complete	Complete
80	FCA Qualification Enhancements	Q2 2015	—	Merged with other project
63	FCM Sloped Demand Curve: Local Curves: FCA 10 (Market Monitoring-Related Capacity Market Changes)	June 1, 2015	June 30, 2015 ER15-1650-000	Complete
46	Regulation Market (Order No. 755) Compliance	March 31, 2015	August 5, 2013 ER12-1643-003	Complete
74	Regulation Enhancements for Storage Management	March 31, 2015	September 22, 2014 ER14-2918-000	Complete

Project ID	Market Project	Estimated Earliest Effective Date	Docket No. (Filing Date)	Design Status
88	Offer Review Trigger Price (ORTP) Exemptions for Distributed Renewable Technology Resources	February 21, 2015	December 23, 2014 ER15-716-000	Complete
67	Elective Transmission Upgrade	February 16, 2015	February 13, 2015 ER15-1050-000	Complete
34	FCM Noncommercial Capacity Financial Assurance	February 2015	December 4, 2013 ER14-525-000 November 10, 2014 ER15-369-001	Complete
56	FCM Sloped Demand Curve: System Curve	FCA #9 (February 2015)	April 1, 2014 ER14-1639-000 July 11, 2014 ER14-1639-002	Complete
73	FCM Administrative Clarifications	January 30, 2015	November 10, 2014 ER15-369-000 December 31, 2014 ER15-369-000	Complete
62	Capacity Zone Modeling: Conforming Rules	Q4 2014	October 27, 2014 ER15-195-000	Complete
45	Real-Time Reserve and Pumped Storage	December 3, 2014	January 24, 2014 ER14-1147-000	Complete
42	NCPC Payments: Appendix A	December 3, 2014	January 24, 2014 ER14-1147-000	Complete
41	NCPC Payments	December 3, 2014	—	Complete
70	Ex-Post Mitigation of Dual-Fuel Resources	December 3, 2014	July 11, 2014 ER14-2407-001	Complete
32	Energy Market Offer Flexibility: Self-Funding Tariff	December 3, 2014	September 23, 2014 ER14-2929-000	Complete
77	Energy Market Offer Flexibility NCPC Clarifications	December 3, 2014	September 23, 2014 ER14-2929-000	Complete
76	Energy Market Offer Flexibility: IMM-Related Conforming II	December 3, 2014	August 22, 2014 ER14-2686-000	Complete
31	Energy Market Offer Flexibility: Conforming Rules	December 3, 2014	July 8, 2014 ER14-2376-000	Complete
30	Energy Market Offer Flexibility	December 3, 2014	July 1, 2013 ER13-1877-000	Complete
65	Winter Reliability Program	September 9, 2014	—	Complete
66	Dual-Fuel Resource Auditing	September 9, 2014	July 11, 2014 ER14-2407-000	Complete
44	Nonprice Retirement Request Timeline	June 9, 2014	April 9, 2014 ER14-1693-000	Complete

Project ID	Market Project	Estimated Earliest Effective Date	Docket No. (Filing Date)	Design Status
29	Demand-Response Baseline and Outages	June 1, 2014	December 20, 2013 ER14-727-000 April 4, 2014 ER14-1659-000 May 1, 2014 ER14-727-001	Complete
28	Demand-Response: Asset Auditing and FCM Financial Assurance	June 1, 2014	December 9, 2013 ER14-581-000	Complete
35	FCM Performance Incentives	June 2014	January 17, 2014 ER14-2419-000 ER14-2419-001	Complete
26	Capacity Zone Modeling	April 28, 2014	January 31, 2014 ER12-953-004	Complete
38	Fuel Switching: Use of Reference Level as the Supply Offer	March 1, 2014	December 20, 2013 ER14-707-000	Complete
10	FCM Estimated Capacity Requirement	March 1, 2014	—	Complete
40	NCPC Local Second-Contingency Protection Resource (LSCPR) Cost Allocation	January 23, 2014	December 9, 2013 ER14-584-000	Complete
57	Gas Pipeline Information Sharing	January 11, 2014	January 10, 2014 ER14-970-000	Complete
60	Non-Commercial Resource Treatment	2014	July 16, 2014 ER14-2440-00	Complete
43	Net Metered Generator Auditing	October 7, 2013	August 5, 2013 ER13-2110-000	Complete
24	Tie-Line Name Clean-Up	October 6, 2013	August 6, 2013 ER13-2113-000	Complete
37	FCM Shortage-Event Triggers	October 4, 2013	September 4, 2013 ER13-2313-000	Complete
25	TMOR RCPF & Replacement Reserve	October 1, 2013	June 20, 2013 ER13-1736-000	Complete
16	Forward Reserve Market (FRM) Incentives	October 1, 2013	June 20, 2013 ER13-1733-000	Complete
17	Import Capacity Resource Qualification Documentation	September 23, 2013	—	Complete
51	Winter 2013/2014 Reliability Solutions Compliance	September 6, 2013	October 15, 2013 ER13-1851-000	Complete
51	Winter 2013/2014 Reliability Solutions	August 27, 2013 September 6, 2013	June 28, 2013 ER13-1851-000 August 9, 2013 ER13-1851-001	Complete
14	Forward Capacity Auction #8	—	—	No action taken

Project ID	Market Project	Estimated Earliest Effective Date	Docket No. (Filing Date)	Design Status
14	Carry-Forward and Administrative Pricing Objective Function	September 2, 2013	July 1, 2013 ER13-1880-000	Complete
7	Generation Capacity Auditing	Phase 1: December 2012 Phase 2: September 2013	N/A November 6, 2012 ER13-323-000	Complete
20	Price-Responsive Demand: Full Integration Capacity Market Changes	August 21, 2013	June 21, 2013 ER13-1742-000	Complete
22	PRD and Net Supply	August 21, 2013	June 21, 2013 ER13-1742-000	Complete
3	Regulation Market Opportunity Cost	July 2013	April 11, 2013 ER13-1259-000	Complete
47	Reliability Commitment Cost Recovery	June 25, 2013	August 13, 2013 EL13-72-000 August 20, 2013 ER13-2149-000	Complete
6	Obsolete Language Review	June 15, 2013	March 22, 2013 ER13-1149-000	Complete
5	Day-Ahead Energy Market Schedule	June 2013	February 7, 2013 ER13-895-000	Complete
—	Off-line Reserve Capability Determination	June 2013	November 6, 2012 ER13-323-000	Complete
4	FCM Demand-Asset Auditing	May 1, 2013	March 1, 2013 ER13-1010-000	Complete
11	FCM Reconfiguration Auction and Capacity Supply Obligation (CSO) Bilateral Transaction Enhancements	April 2013	December 19, 2012 ER13-585-000 ER13-585-001	Complete
50	Wind Forecasting and Dispatch	Q2 2013	—	Merged with other project
2	Forward Reserve Market TMNSR Procurement	March 2013	November 27, 2012 ER13-465-000	Complete
12	FCM Redesign	February 2013	December 3, 2012 ER12-953-001	Complete
—	FCM Static Delist Bids	February 2013	December 21, 2012 ER13-612-000	Complete
13	Financial Assurance and Bilateral Transactions	Phase 1: January 2013 Phase 2: N/A	November 1, 2012 ER13-270-000	Complete No action taken
1	Gas Pipeline Information Sharing	January 2013	—	Complete
—	Central Counterparty (Order No. 741)	January 2013	April 30, 2012 ER12-1651-000	Complete
—	Financial Assurance Bilateral Transaction Cure Period	January 2013	September 4, 2012 ER12-2575-000	Complete

Project ID	Market Project	Estimated Earliest Effective Date	Docket No. (Filing Date)	Design Status
—	FRM Threshold Price Calculation Frequency	November 2012	August 20, 2012 ER12-2485-000	Complete
—	FCA #7	November 2012	September 27, 2012 ER12-2697-000	Complete
—	FCM Resource Termination	November 13, 2012	September 14, 2012 ER12-2625-000	Complete
—	FCM Partial Nonprice Retirement	October 2012	August 3, 2012 ER12-2393-000	Complete
—	FCM Rejected Delist Bid Follow-Up Actions Compliance	August 2012	August 30, 2012 ER12-1914-001	Complete
—	FCM Rejected Delist Bid Follow-Up Actions	August 2012	June 1, 2012 ER12-1914-000	Complete
—	Electronic Data Reporting (Order No. 760)	August 2012	July 11, 2012 ER12-2228-000	Complete
—	Price-Responsive Demand: Transition Period Changes	June 2012	April 1, 2012 ER12-1550-000	Complete
—	FCM Supplemental Availability Bilateral Transactions	June 2012	March 29, 2012 ER12-1382-000	Complete
—	FCM Net Regional Clearing Price (NRCP)	June 2012	March 23, 2012 ER12-1325-000	Complete
—	System TMOR Reserve-Constraint Penalty Factor Prices	June 2012	March 22, 2012 ER12-1314-000	Complete
—	FCM Demand-Resource Performance Incentives	June 2012	March 29, 2012 ER12-1392-000	Complete
—	FCM Demand-Resource Capacity Auditing	June 2012	March 29, 2012 ER12-1389-000	Complete
—	FCM Capacity Transfer Rights (CTRs)	June 2012	March 9, 2012 ER12-1234-000	Complete
—	FCA Informational Publishing Compliance	June 2012	July 2, 2012 ER12-1455-001	Complete
—	FCA Informational Publishing	June 2012	April 6, 2012 ER12-1455-000	Complete
—	End-Use Customer Aggregation (Order No. 745 Compliance)	June 2012	March 26, 2012 ER11-4336-005	Complete
—	NCPC: Weekly Posturing Rules Compliance	May 2012	July 30, 2012 ER12-1809-001 ER12-1809-002	Complete
—	NCPC: Weekly Posturing Rules	May 2012	May 17, 2012 ER12-1809-000	Complete
—	Virtual Transaction Submission Limits	April 2012	—	Complete
—	Start-Up and No-Load Reoffer Changes	April 2012	—	Complete

Project ID	Market Project	Estimated Earliest Effective Date	Docket No. (Filing Date)	Design Status
—	FCM Design Reforms Extension	April 2012	January 31, 2012 ER12-953-000	Complete
—	Load Reconstitution	March 2012	June 30, 2010 ER10-1653-000	Complete
—	Reopen Regulation Market Pilot	February 2012	December 1, 2011 ER12-505-000	Complete
—	Financial Transmission Right Auction Enhancements	January 2012	May 13, 2011 ER11-3568-000	Complete
182	<a href="#">Capacity Auction Reforms (CAR) Scope</a>	—	—	Complete
59	Regulation Market: Improved Resource Modeling and Automatic Generation Control (AGC) Dispatch Coordination	—	ER14-584-000 (March 20, 2014)	No action taken
71	FCM Peak Energy Rent Modifications (CCP 5-8)	—	—	No action taken
49	Treatment of Resources Retained for Reliability	—	—	No action taken
33	FCM Cost Allocation and Load Reconstitution	—	—	No action taken
53	Monthly Forward Reserve Market Auction	—	—	No action taken
9	FCM Demand-Resource Asset-Transfer Rules	—	—	No action taken
52	Winter 2014/2015 Solution	—	—	No action taken
63	FCM Sloped Demand Curve: Local Curve	—	—	No action taken
39	NCPC Cost Allocation	—	—	Phase 1 No action taken
15	Financial Transmission Rights Auction Enhancement Language Restructuring	—	—	No action Taken
54	Submission of FTRs for Clearing	—	—	No action Taken
99	Uncleared ARA3 Demand Bids	—	—	No action Taken
125	Energy Security Improvements	—	October 30, 2020 ER20-1567-000	No action taken Ancillary Services components will continue under DASI ( <a href="#">ID No. 162</a> )

Project ID	Market Project	Estimated Earliest Effective Date	Docket No. (Filing Date)	Design Status
150	Energy Security Initiatives: Market Power Assessment	—	—	No action taken  Ancillary Services components will continue under DASI ( <a href="#">ID No. 162</a> )
146	Forward Reserve Market Sunset	—	—	No action taken Related work will continue under DASI ( <a href="#">ID No. 162</a> )
158	Moving the Margining and Settling of the Financial Transmission Rights Market to a Clearinghouse	—	—	Deferred
167	Tariff Clean-Up for Next Generation Markets (nGEM) Day-Ahead Market Software	—	—	No action taken Incorporated into other projects
157	<a href="#">Resource Capacity Accreditation (RCA) in the Forward Capacity Market</a>	—	—	Merged with CAR-SA (ID No. 185)
171	FCM Retirement Reforms: Return to Service	—	—	No action taken Related work will continue under CAR-PD (ID No. 184)
—	FCM Financial Assurance Policy/Entry-Related Improvement	—	—	No action taken Related work will continue under CAR-PD (ID No. 184)
—	Regulation Market (Order No. 755)	—	April 30, 2012 ER12-1643-000	Merged with other project
—	Day-Ahead Reserve Markets Enhancements Assessment	—	—	No action taken at this time
—	FCA Format Assessment	—	—	No action taken
—	FCM Demand-Resource Reliability-Only Product	—	—	No action taken
—	FCM Peak Energy Rent (PER) Review	—	—	No action taken
—	FTR/LTR Conforming Changes	—	—	Deferred

Project ID	Market Project	Estimated Earliest Effective Date	Docket No. (Filing Date)	Design Status
—	Long Term “Achieve” IMAPP approaches	—	—	Deferred
—	Multi-Period Ramp Pricing: Technical Session #3	Complete*	—	N/A
—	Negative Incremental Energy Offers	—	—	Merged with other project
—	NOPR: Fast Start Pricing in Markets Operated by RTOs and ISOs	—	NOPR withdrawn December 21, 2017 RM17-3-000	Merged with other project
—	NOPR: Grid Reliability and Resilience Pricing	—	Docket terminated January 9, 2018 RM18-1-000 Initiated AD18-7-000	Merged with other project
—	Resource Modifications and Interconnection Terms	—	—	No action taken
—	Resource Performance Evaluation	—	—	Deferred
—	Review of Defined Terms for Offers and Parameters in Energy Markets	—	—	Merged with other project