

Market Design Project Road Map

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Markets & Reliability Committee

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At the July 2024 Market Implementation Committee (MIC) meeting, PJM unveiled the initial iteration of its Market Design Project Road Map. Since that time, several major initiatives have commenced prompting a refresh of the road map.

Road Map Categories

CAPACITY MARKET

ENERGY & ANCILLARY SERVICES

PENDING PJM IMPLEMENTATION

Ensure Resource Adequacy

Support Resource Performance
and Maintain and Attract
Essential Reliability Services

Projects in various implementation
phases

The Market Design Project Road Map is intended to communicate the critical market initiatives and timing of the work.

Ensuring a Reliable Energy Transition

Key Objectives

***Support Resource
Performance***

Maintain Resource Adequacy

***Maintain & Attract Essential
Reliability Services***

Key Focus Areas

Large Load Integration

ELCC Enhancements and Transparency

Sub-Annual Market Design

Reserve Certainty

Load Flexibility

INITIATIVE

2025
2026
2027
2028

Base Residual Auction Schedule

26/27

27/28

28/29

29/30

30/31

31/32

Consultant Review of Sub-Annual Capacity Markets

Capacity Market Reforms – Consideration of Sub-Annual, Prompt, etc.

ELCCSTF – Winter Ratings, Weather Rotation Alignment, Performance Weighting

DESTF – Phase 2 RMR Pro-forma and Market Obligations

Quadrennial Review of the VRR Curve Parameters

ELCCSTF- Phase 2 for Additional ELCC Enhancements

Large Load Integration

Capacity Market

INITIATIVE		2025				2026				2027				2028			
Energy & Ancillary Services	RCSTF - Reserve Certainty																
	Load Flexibility																
	Resource Scheduling Prior to the Day-ahead Energy Market (MIC)																
	Energy Storage Model Enhancements																
	Additional Essential Reliability Service Products																
	Wind and Solar Dispatch Enhancements																

INITIATIVE		2025				2026				2027				2028			
Pending PJM Implementation Items	Regulation Market Re-Design Phase I – New Signal and Performance Reqs.																
	Regulation Market Re-Design Phase II – Regulation Up/Down Products																
	Participation of DER Aggregations in Markets – FERC Order 2222																
	Electric Storage Participation in Markets – FERC Order 841																
	Configuration Models (Combined Cycle, Energy Storage and Hybrids)																
	Schedule Selection in the Energy Market																
	Demand Response ELCC Updates																
	Hybrids Phase III																

1	2	3
<p>The Market Design Project Road Map outlines the key market initiatives and the expected timelines for the projects necessary to remain responsive to the energy transition.</p>	<p>The Market Design Project Road Map document provides more information on each of the issues, the anticipated deliverables and a more detailed timeline for the effort.</p>	<p>The Market Design Project Road Map is a living document and will be updated as new initiatives materialize and existing initiatives conclude.</p>

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Market Design Project Road Map



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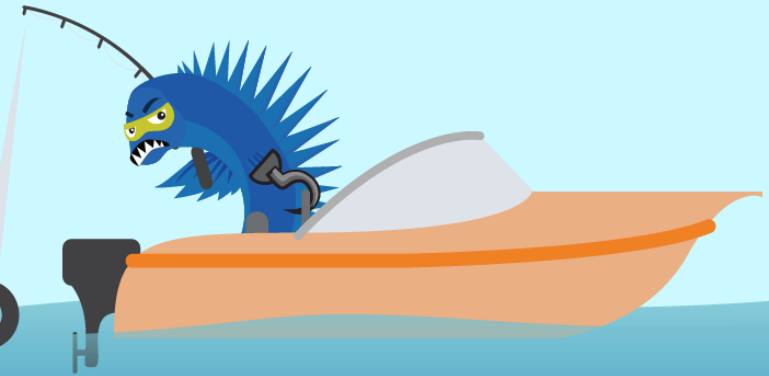
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