



ISSUE CREATION

[Problem Statement](#) and [Issue Charge](#) brought forward by Voltus, Inc. and approved at the November 1, 2023 Market Implementation Committee meeting.

The issue was worked through the Distributed Resources Subcommittee (DISRS) [Charter](#)

ISSUE SUMMARY

The issue addresses a specific system limitation, wherein Economic Demand Response resources cannot set key operational parameters as part of price-based offers to PJM in Markets Gateway.

CONSENSUS-BASED ISSUE RESOLUTION PROCESS

Number of Meetings and date range covering this topic at DISRS: 7 meetings and 5/8/2023 – 3/4/2024

Non-Binding Poll Results: None

Vote Results: None

DISRS completed its work on this issue through CBIR Lite process. DISRS reached consensus at the March 4, 2024 meeting to bring the single solution package in the matrix to the MIC: [Final Matrix](#)

1. RECOMMENDED PROPOSAL

The proposed package addressed four design components. The proposal includes the following solution options:

- Keep status quo for Minimum Downtime and Notification Time parameters for Economic Demand Response (DR) resources.
- Make available Maximum Downtime and Minimum Release Time parameters for Economic DR.
 - Maximum Downtime addresses the maximum number of contiguous hours for which a DR bid can be cleared/dispatched in the energy market.
 - Minimum Release Time addresses the minimum number of contiguous hours that must elapse from a DR resource release and its next curtailment commitment in the energy market.

2. ALTERNATE 1 PROPOSAL

None

3. ALTERNATE 2 PROPOSAL

None



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4. STANDING COMMITTEE RESULTS

Market Implementation Committee will vote on the proposed package at June 5, 2024 Market Implementation Committee meeting.

APPENDIX I: SUPPLEMENTAL DOCUMENTS

[Committee Page](#)
[Issue Tracking](#)

APPENDIX II: PJM PARTICIPATION

Facilitator: Ilyana Dropkin

Secretary: David Hauske

Subject Matter Expert: Pete Langbein

PJM Legal: Chen Lu

APPENDIX III: STAKEHOLDER PARTICIPATION

Last Name	First Name	Company	Sector
Adams	Dana	Duke Energy Corporation	Transmission Owner
Anders	David	PJM Interconnection, LLC	None
Anderson	Juliet	Constellation Energy Generation, LLC	Generation Owner
Anderson	Juliet	Constellation Energy Generation, LLC	Generation Owner
Arkatin	Tyler	PJM Interconnection, LLC	None
Barker	Jason	Vitol Inc.	Generation Owner
Barrett	Richard	New Jersey Board of Public Utilities	None
Bauer	Jessie	Commonwealth Edison Company	Transmission Owner
Bauer	Jessie	Commonwealth Edison Company	Transmission Owner
Belenky	Maria	PJM Interconnection, LLC	None
Benson	Dan	Duke Energy Indiana, LLC	Transmission Owner
Bloom	David	Exelon Business Services Company, LLC	Transmission Owner
Bowker	Shannon	PJM Interconnection, LLC	None
Boyle	Glen	PJM Interconnection, LLC	None
Breidenbaugh	Aaron	Stones DR, LLC	Other Supplier
Briscar	Joseph	Stone, Mattheis, Xenopoulos & Brew, PC	None
Brodbeck	John	EDP Renewables North America LLC	Generation Owner
Brooks	Royce	Old Dominion Electric Cooperative	Electric Distributor
Callen	Zachary	Illinois Commerce Commission	None
Campbell	Bruce	Enerwise Global Technologies, LLC	Other Supplier
Carmean	Greg	Organization of PJM States, Inc. (OPSI)	None



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Carson	Donna	East Kentucky Power Cooperative, Inc.	Transmission Owner
Castle	Tom	East Kentucky Power Cooperative, Inc.	Transmission Owner
Christopher	Mahila	Public Utilities Commission of Ohio	None
Clingan	Kristin	Public Utilities Commission of Ohio (The)	None
Connelly	Nancy	Duke Energy Ohio, Inc.	Transmission Owner
Connolly	Matthew	PJM Interconnection, LLC	None
Costa	Arthur	Dominion Virginia Power	Transmission Owner
Coyle	Billy	Dominion Virginia Power	Transmission Owner
Croop	Danielle	PJM Interconnection, LLC	None
Curtis	Kenneth	Drilling Info, Inc.	None
Cusick	Kerinia	Center for Renewables Integration	None
Denby	Brett	Northern Virginia Electric Cooperative (NOVEC)	Electric Distributor
Dierksheide	Andrew	IGS Energy	None
Donnelly	Brendan	NuEnergy, LLC	Other Supplier
Donohue	Erin	Enel X North America, Inc.	Other Supplier
Dropkin	Ilyana	PJM Interconnection, LLC	None
Dugan	Chuck	East Kentucky Power Cooperative, Inc.	Transmission Owner
Ellis	David	Public Service Electric and Gas Company	Transmission Owner
Esquivel	Manuel	Enel Trading North America, LLC	Other Supplier
Esterly	Theresa	PJM Interconnection, LLC	None
Fan	Zhenyu	PJM Interconnection, LLC	None
Fee	George	AEP Appalachian Transmission Company, Inc.	Transmission Owner
Fiano	Anna	KeyTex Energy LLC	Other Supplier
Filomena	Guy	Customized Energy Solutions, Ltd.	None
Foladare	Kenneth	Geenex Solar LLC	Other Supplier
Franks	Christine	PJM Interconnection, LLC	None
Fuess	Christian	PBF Power Marketing, LLC	Generation Owner
Fultz	McClain	PPL Electric Utilities Corp. dba PPL Utilities	Transmission Owner
Gates	Jill	PJM Interconnection, LLC	None
Gates	Terry	AEP Appalachian Transmission Company, Inc.	Transmission Owner
Gordon	Jon	Advanced Energy United	None
Granstrand	Luke	Dominion Virginia Power	Transmission Owner
Greening	Michele	PJM Interconnection, LLC	None
Grey	Bruce	Samsung Electronics Co., Ltd.	None
Grisolia	Albert	Public Service Electric and Gas Company	Transmission Owner
Guntle	Vince	American PowerNet Management, L.P.	End-Use Customer
Hallett	Brian	ReliabilityFirst	None
Hanawa	Angie	Enel X North America, Inc.	Other Supplier
Hanser	Erik	Michigan Public Service Commission	None
Hartman	Gary	PPL Electric Utilities Corp. dba PPL Utilities	Transmission Owner



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Hastings	David	Public Service Electric and Gas Company	Transmission Owner
Hauske	David	PJM Interconnection, LLC	None
Hausle	Kyle	NuEnergy, LLC	Other Supplier
Hebert	Evan	PECO Energy Company	Transmission Owner
Herel	Suzanne	PJM Interconnection, LLC	None
Himmelspach	Treasa	AEP Appalachian Transmission Company, Inc.	Transmission Owner
Hoatson	Thomas	LS Power	None
Hohenshilt	Jennifer	Talen Energy Marketing, LLC	Generation Owner
Hooker	Marquette	Dominion Virginia Power	Transmission Owner
Horning	Lynn	AMP Transmission, LLC	Transmission Owner
Horstmann	John	Dayton Power & Light Company (The)	Transmission Owner
Hull	Gerit	American Municipal Power, Inc.	Electric Distributor
Hurd	Shawn	Monongahela Power Company d/b/a Allegheny Power	Transmission Owner
Hyzinski	Tom	GT Power Group, LLC	None
Jardot	Gina	NRG Curtailment Solutions, Inc.	Other Supplier
Jarmai	Gil	Northern Virginia Electric Cooperative (NOVEC)	Electric Distributor
Johnson	Carl	Customized Energy Solutions, Ltd.	None
Johnston	David	Indiana Utility Regulatory Commission	None
Jojic	Rose	Exelon Business Services Company, LLC	Transmission Owner
Jones	Scott	Indiana Office of Utility Consumer Counselor (IN OUCC)	End-Use Customer
Jones	Shelby	East Kentucky Power Cooperative, Inc.	Transmission Owner
Kelly	Stephen	Brookfield Renewable Trading and Marketing LP (BSMH)	Other Supplier
Kempton	Nicholas	NRG Power Marketing LLC	Generation Owner
Kent	Janessa	Duquesne Light Company	Transmission Owner
Kilgallen	Kevin	Avangrid Renewables, LLC	Generation Owner
Kirk	Steven	NextEra Energy Marketing, LLC	Other Supplier
Kirk	Ryan	AEP Appalachian Transmission Company, Inc.	Transmission Owner
Kuchan	Meagan	Dayton Power & Light Company (The)	Transmission Owner
Langbein	Pete	PJM Interconnection, LLC	None
Lescano	Amanda	New Jersey Board of Public Utilities	None
Lu	Chen	PJM Interconnection, LLC	None
Lyakhovich	Leonid	Public Service Electric and Gas Company	Transmission Owner
Mabry	David	McNees Wallace & Nurick LLC	None
Mariam	Yohannes	Office of the People's Counsel for the District of Columbia	End-Use Customer
Marzewski	Skyler	PJM Interconnection, LLC	None
Mason	Gary	Monongahela Power Company d/b/a Allegheny Power	Transmission Owner
mason	julie	Duke Energy Ohio, Inc.	Transmission Owner
McAnany	James	PJM Interconnection, LLC	None
McClelland	Maura	Public Utilities Commission of Ohio	None
McDaniel	John	Baltimore Gas and Electric Company	Transmission Owner



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McDewell	Christian	Commonwealth of PA	None
Metz	John	University of Delaware	None
Miller	John	Calico Energy	None
Mohler	Tina	PJM Interconnection, LLC	None
Moscovitz	Daniel	PJM Interconnection, LLC	None
Mroz	David	PJM Interconnection, LLC	None
Nayak	Sachin	Dominion Virginia Power	Transmission Owner
Norton	Chris	American Municipal Power, Inc.	Electric Distributor
Nwaichi	Uchenna	Duke Energy Ohio, Inc.	Transmission Owner
Nyemko	Masha	PJM Interconnection, LLC	None
Ondayko	Brock	AEP Energy Partners, Inc.	Transmission Owner
O'Neill	Jack	PJM Interconnection, LLC	None
Osborn	Eric	EDF Trading North America, LLC	Other Supplier
Owei	Timinyo	Commonwealth Edison Company	Transmission Owner
patel	keyurbhai	PJM Interconnection, LLC	None
Pilong	Melissa	PJM Interconnection, LLC	None
Poulos	Greg	CAPS	None
Powers	Sean	Messer LLC	End-Use Customer
Quinlan	Pamela	GQ New Energy Strategies	None
Rainey	John	Northern Virginia Electric Cooperative (NOVEC)	Electric Distributor
Richardson	Terrence	Duquesne Light Company	Transmission Owner
Rode	Advait	Michigan Public Service Commission	None
Rumsey	Amanda	PPL Electric Utilities Corp. dba PPL Utilities	Transmission Owner
Rutledge	Craig	AEP Appalachian Transmission Company, Inc.	Transmission Owner
Salman	Tony	Duke Energy Ohio, Inc.	Transmission Owner
Sasser	Jonathan	Customized Energy Solutions, Ltd.	None
Scheidecker	Paul	Monitoring Analytics, LLC	None
Schroeder	Connie	Dominion Virginia Power	Transmission Owner
Selick	Sam	Customized Energy Solutions, Ltd.	None
Sharkazy III	William	PPL Electric Utilities Corp. dba PPL Utilities	Transmission Owner
Sloan	Ben	Organization of PJM States, Inc. (OPSI)	None
Sorrels	James	AEP Appalachian Transmission Company, Inc.	Transmission Owner
Stern	Alexander	Exelon Business Services Company, LLC	Transmission Owner
Storino	Laura	New Jersey Board of Public Utilities	None
Strella-Wahba	Lauren	PJM Interconnection, LLC	None
Sturgeon	John	Duke Energy Business Services LLC	Transmission Owner
Sweeney	Rory	Northern Virginia Electric Cooperative (NOVEC)	Electric Distributor
Tyler	Catherine	Monitoring Analytics, LLC	None
Unger	Matthew	State Corporation Commission (Commonwealth of Virginia)	None
Van de Verg	Christopher	Pennsylvania Public Utility Commission	None



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VanBlargan	Bryna	Sabinsville SunPower, LLC	None
Walsh	Christopher	Baltimore Gas and Electric Company	Transmission Owner
Wehnes	Kathleen	None	None
Wharton	Matthew	PJM Interconnection, LLC	None
Whitehead	Jeffrey	GT Power Group, LLC	None
Wilson	De Andre	Maryland Public Service Commission	None
Wynder	Michael	DRW Holdings	None
Yasutake	Sarah	Jersey Green Energy LLC	Other Supplier
Yeaton	Andrea	PJM Interconnection, LLC	None
Yeh	Cynthia	Dominion Virginia Power	Transmission Owner
Zimmerman	Sean	PPL Electric Utilities Corp. dba PPL Utilities	Transmission Owner