

Emerging Technologies Forum

WebEx Only

March 17, 2022

9:00 a.m. – 12:00 p.m. EPT

Administration

1. Yuri Smolanitsky, PJM, made announcements, and review the Antitrust, Code of Conduct, Public Meeting/Media Participation Guidelines, and the WebEx Participant Identification Requirement. Stakeholders endorsed the draft minutes from the December 7, 2022 meeting with no objections and no abstentions registered.

Topic Discussions

2. Distributed Energy Resource Management System(DERMS) Development
 - a. Sally Jacquemin, OSI, discussed DERMS project.
3. Distributed Energy Resource - Elk Neck Virtual Power Plant Update
 - a. Delmarva Power, Albert Phan and Sunverge Energy, Martin Milani, provided a technical overview of the Elk Neck VPP pilot.
4. Hydrogen Production and Infrastructure
 - a. Frederick Joseck, Idaho National Lab, discussed hydrogen technology production and associated infrastructure.
5. PJM Framework for Evaluation and Prioritization of Emerging Technologies
 - a. Natalie Tacka, PJM, discussed emerging technology evaluation and provided update on dashboard development.

Future Agenda Items

Participants had opportunity to request the addition of any new item(s) to the agenda of a future meeting.

Future Meeting Dates

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|--------------------|-----------|-------|
| June 14, 2022 | 9:00 a.m. | WebEx |
| September 12, 2022 | 1:00 p.m. | WebEx |
| December 5, 2022 | 9:00 a.m. | WebEx |

WebEx/Teleconference Attendance

| Last Name | First Name | Company | Sector |
|------------|------------|-------------------------------|------------------|
| Abramowitz | Jeremy | Monitoring Analytics, LLC | None |
| Alberti | Jacob | Lonestar Transmission | None |
| Baker | Matt | Cypress Creek Renewables, LLC | Generation Owner |

| | | | |
|-------------|---------------|--|----------------------|
| Barker | Jason | Constellation Energy Generation, LLC | Generation Owner |
| Bernabeu | Emanuel | PJM Interconnection, LLC | None |
| Blair | Tom | Monitoring Analytics, LLC | None |
| Brodbeck | John | EDP Renewables North America, LLC | Generation Owner |
| Brubaker | Marge | Delmarva Power & Light Company | Electric Distributor |
| Carl | Joseph | PJM Interconnection, LLC | None |
| Charles | Robert | AEP Appalachian Transmission Company, Inc. | Transmission Owner |
| Christopher | Mahila | Public Utilities Commission of Ohio (The) | None |
| Corash | Richard | PSEG Energy Resources & Trade LLC | Other Supplier |
| Croop | Danielle | PJM Interconnection, LLC | None |
| David | Dan | IPR-GDF SUEZ Energy Marketing NA, Inc. | Other Supplier |
| Dumitriu | Nicolae | PJM Interconnection, LLC | None |
| Elkins | Rachel | FirstEnergy Corporation | Transmission Owner |
| Fan | Dawei | NYISO (New York Independent System Operator) | None |
| Filomena | Guy | Customized Energy Solutions, Ltd.* | None |
| Foladare | Kenneth (Ken) | Geenex Solar LLC | Other Supplier |
| Ford | Jennifer | FirstEnergy Corporation | Transmission Owner |
| Fried | Alex | Procter & Gamble Paper Products Company | End-Use Customer |
| Glatz | Suzanne (Sue) | PJM Interconnection, LLC | None |
| Gorman | Chris | Bridge Alternatives | Other Supplier |
| Hart | Drew | Atlantic City Electric Company | Electric Distributor |
| Herel | Suzanne | PJM Interconnection, LLC | None |
| Hoatson | Alex | Galt Power Inc. | Other Supplier |
| Horger | Tim | PJM Interconnection, LLC | None |
| Horning | Lynn Marie | Customized Energy Solutions, Ltd.* | None |
| Hsia | Jennifer | NRG Power Marketing LLC | Generation Owner |
| Hull | Gerit | American Municipal Power, Inc. | Electric Distributor |
| Hyzinski | Tom | GT Power Group | None |
| Iler | Arthur (Art) | Indiana Office of Utility Consumer Counsel | End-Use Customer |
| Jacquemin | Sally | OSI Digital Grid Solutions | None |
| Janicki | Diane | Boston Energy Trading & Marketing, LLC | Other Supplier |
| Jens | Thomas | Black Oak Energy, LLC | Other Supplier |
| John | Ricky | New Jersey Board of Public Utilities | None |
| Kogut | George | New York Power Authority | Other Supplier |
| Kurthakoti | Divya | Orsted US Trading LLC | Other Supplier |
| Laios | Beverly | AEP Appalachian Transmission Company, Inc. | Transmission Owner |
| Lejcar | Jamie | Allegheny Electric Cooperative, Inc. | Electric Distributor |
| Libbos | Robin | FirstEnergy Corporation | Transmission Owner |
| Mabry | David | McNees Wallace & Nurick LLC | None |

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|-------------|----------------|---|--------------------|
| Mark | Robert | FirstEnergy Corporation | Transmission Owner |
| Martin | Amanda | PJM Interconnection, LLC | None |
| Mason | Julie | Duke Energy Ohio, Inc. | Transmission Owner |
| McGlynn | Paul | PJM Interconnection, LLC | None |
| Michael | Matthew | OPG | None |
| Midgley | Sharon | Exelon Business Services Company, LLC | Transmission Owner |
| Militello | Nicole | PJM Interconnection, LLC | None |
| Okenfuss | James | Savion, LLC | None |
| Ondayko | Brock | AEP Appalachian Transmission Company, Inc. | Transmission Owner |
| Perera | Asanga | PJM Interconnection, LLC | None |
| Poulos | Greg | CAPS | None |
| Pungaliya | Rajat | Pine Gate Mid-Atlantic, LLC | Other Supplier |
| Roberts | Jacqueline | Consumer Advocate of the Public Service Commission of West Virginia | None |
| Rodriguez | Carlos | Grand Ridge Energy LLC | Generation Owner |
| Roettker | Joe | Duke Energy Business Services LLC | Transmission Owner |
| Sasser | Jonathan | Customized Energy Solutions, Ltd.* | None |
| Schmitt | David | New Jersey Board of Public Utilities | None |
| Schuyler | Ken | PJM Interconnection, LLC | None |
| Shegarfi | Roozbeh | Exelon Business Services Company, LLC | Transmission Owner |
| Smolanitsky | Yuri | PJM Interconnection, LLC | None |
| Street | Jason | AES Ohio Generation, LLC | Generation Owner |
| Svenson | Heather | Public Service Electric & Gas Company | Transmission Owner |
| Sweeney | Steve | Cogentrix Virginia Financing Holding Company, LLC | None |
| Tacka | Natalie | PJM Interconnection, LLC | None |
| Tumbleson | Renee | FirstEnergy Corporation | Transmission Owner |
| Tyler | Catherine | Monitoring Analytics, LLC | None |
| Walcavich | Colin | National Grid Renewables, LLC | None |
| Wehnes | Kathleen | Maryland Public Service Commission | None |
| Willey | Amy | Delaware.gov | None |
| Wingfield | Derek | East Kentucky Power Cooperative, Inc. | Transmission Owner |
| Wolf | Allen | MET MA, LLC | Other Supplier |
| Yoo | Kyungjin (Jin) | None | None |

Author: Yuri Smolanitsky