Appendix: Zonal Decomposition Graphs

Load Analysis Subcommittee
November 15, 2017
Summer
Southern Mid-Atlantic
Summarized Impacts on PJM RTO 2021 Summer Forecast

-0.2%
-0.5%
0.0%
-0.5%
0.0%
-0.8%
-2.0%

2017 Forecast: 13,000
Economics: 12,500
Equipment Index: 12,000
Weather Simulation: 11,500
Solar Forecast: 11,000
Forecast Adjustments: 10,500
Bringing in 2017 Loads*: 10,000
Preliminary 2018 Forecast: 9,500
PJM Mid-Atlantic

Summarized Impacts on PJM RTO 2021 Summer Forecast

- 2017 Forecast: -0.6%
- Economics: 0.1%
- Equipment Index: 0.0%
- Weather Simulation: -0.6%
- Solar Forecast: 0.0%
- Forecast Adjustments: -0.3%
- Bringing in 2017 Loads*: -1.4%
- Preliminary 2018 Forecast: -1.4%
PJM Western

Summarized Impacts on PJM RTO 2021 Summer Forecast

2017 Forecast: -0.3%
Economics: -0.5%
Equipment Index: 0.5%
Weather Simulation: 0.0%
Solar Forecast: 0.0%
Forecast Adjustments: 0.4%
Bringing in 2017 Loads*: -0.6%
Preliminary 2018 Forecast: -0.3%
AEP
Summarized Impacts on PJM RTO 2021 Summer Forecast

-0.5%  0.3%  0.0%  0.0%  0.0%  -0.7%  -0.9%

APS

Summarized Impacts on PJM RTO 2021 Summer Forecast

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<th>Component</th>
<th>Impact</th>
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<tbody>
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</tr>
<tr>
<td>Economics</td>
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<tr>
<td>Equipment Index</td>
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<td>Forecast Adjustments</td>
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<tr>
<td>Bringing in 2017 Loads*</td>
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<tr>
<td>Preliminary 2018 Forecast</td>
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BGE
Summarized Impacts on PJM RTO 2021 Summer Forecast

- 0.0%
- 0.5%
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- 2.0%

### DAYTON
**Summarized Impacts on PJM RTO 2021 Summer Forecast**

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DPL
Summarized Impacts on PJM RTO 2021 Summer Forecast

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<tr>
<td>Preliminary 2018 Forecast</td>
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DQE
Summarized Impacts on PJM RTO 2021 Summer Forecast

-0.2%  0.3%  -0.3%  0.0%  0.0%  -0.5%  -0.7%

DUKE
Summarized Impacts on PJM RTO 2021 Summer Forecast

-0.1% 0.6% -0.1% 0.0% 0.0% -0.5% -0.1%

EKPC
Summarized Impacts on PJM RTO 2021 Summer Forecast


-0.3% | 0.5% | -0.1% | -0.1% | 0.0% | 0.4% | 0.5%
JCPL

Summarized Impacts on PJM RTO 2021 Summer Forecast

-1.0%  -0.9%  -0.4%  -1.4%  0.0%  0.2%  -3.5%

METED
Summarized Impacts on PJM RTO 2021 Summer Forecast
PENLC
Summarized Impacts on PJM RTO 2021 Summer Forecast
PEPCO

Summarized Impacts on PJM RTO 2021 Summer Forecast

- 2017 Forecast: -0.5%
- Economics: -0.6%
- Equipment Index: 0.0%
- Weather Simulation: -0.4%
- Solar Forecast: 0.0%
- Forecast Adjustments: -0.6%
- Bringing in 2017 Loads*: -2.1%
- Preliminary 2018 Forecast
Summarized Impacts on PJM RTO 2021 Summer Forecast

- 2017 Forecast
- Economics
- Equipment Index
- Weather Simulation
- Solar Forecast
- Forecast Adjustments
- Bringing in 2017 Loads*
- Preliminary 2018 Forecast

Impact:
- -0.6%
- 0.4%
- 0.0%
- 0.0%
- 0.0%
- -0.1%
- -0.4%
PS
Summarized Impacts on PJM RTO 2021 Summer Forecast

-0.8%
0.1%
-0.3%
-1.5%
0.0%
0.0%
-2.5%

RECO
Summarized Impacts on PJM RTO 2021 Summer Forecast

- 2017 Forecast: -0.7%
- Economics: 1.0%
- Equipment Index: -0.4%
- Weather Simulation: -1.0%
- Solar Forecast: 0.0%
- Forecast Adjustments: 0.1%
- Bringing in 2017 Loads: -1.1%
- Preliminary 2018 Forecast:
VEPCO
Summarized Impacts on PJM RTO 2021 Summer Forecast

-1.1%
0.6%
0.0%
-0.1%
0.0%
0.0%
-0.6%

Winter
Eastern Mid-Atlantic
Summarized Impacts on PJM RTO 2021 Winter Forecast

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<tr>
<td>Preliminary 2018 Forecast</td>
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Western Mid-Atlantic
Summarized Impacts on PJM RTO 2021 Winter Forecast

-0.5%  0.6%  0.1%  0.0%  0.0%  0.1%  0.3%

PJM Mid-Atlantic
Summarized Impacts on PJM RTO 2021 Winter Forecast

-0.6%
-0.2%
0.2%
0.0%
0.0%
-0.1%
-0.8%

PJM Western
Summarized Impacts on PJM RTO 2021 Winter Forecast

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AE
Summarized Impacts on PJM RTO 2021 Winter Forecast

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APS
Summarized Impacts on PJM RTO 2021 Winter Forecast

- 2017 Forecast: -0.6%
- Economics: 1.6%
- Equipment Index: 0.3%
- Weather Simulation: 0.0%
- Solar Forecast: 3.1%
- Forecast Adjustments: 0.0%
- Bringing in 2017 Loads*: 4.4%
- Preliminary 2018 Forecast:
COMED

Summarized Impacts on PJM RTO 2021 Winter Forecast

2017 Forecast: -0.5%
Economics: 0.1%
Equipment Index: 0.3%
Weather Simulation: 0.0%
Solar Forecast: 0.0%
Forecast Adjustments: -0.6%
Bringing in 2017 Loads*: -0.7%
Preliminary 2018 Forecast: -0.7%
DAYTON
Summarized Impacts on PJM RTO 2021 Winter Forecast

-1.8%
0.7%
0.1%
0.0%
0.0%
-0.1%
-1.2%

2017 Forecast
Economics
Equipment Index
Weather Simulation
Solar Forecast
Forecast Adjustments
Bringing in 2017 Loads*
Preliminary 2018 Forecast
DPL

Summarized Impacts on PJM RTO 2021 Winter Forecast

-1.5%  1.5%  0.4%  0.0%  0.0%  -0.2%  0.1%

DQE
Summarized Impacts on PJM RTO 2021 Winter Forecast

-0.3%  -0.7%  0.2%  0.0%  0.0%  -0.5%  -1.3%

DUKE
Summarized Impacts on PJM RTO 2021 Winter Forecast

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JCPL

Summarized Impacts on PJM RTO 2021 Winter Forecast

-1.0%
-3.9%
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0.0%
0.1%
-4.8%


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PJM©2017
METED
Summarized Impacts on PJM RTO 2021 Winter Forecast

-0.6%  -0.4%  0.3%  0.0%  0.0%  0.0%  -0.7%

**PECO**

**Summarized Impacts on PJM RTO 2021 Winter Forecast**

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<td>Bringing in 2017 Loads*</td>
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<tr>
<td>Preliminary 2018 Forecast</td>
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PENLC
Summarized Impacts on PJM RTO 2021 Winter Forecast

-0.3%  1.9%  0.1%  0.0%  0.0%  -0.1%  1.6%

PEPCO

Summarized Impacts on PJM RTO 2021 Winter Forecast

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Summarized Impacts on PJM RTO 2021 Winter Forecast

- Economics: 0.5%
- Equipment Index: 0.2%
- Weather Simulation: 0.0%
- Solar Forecast: 0.0%
- Forecast Adjustments: 0.0%
- Bringing in 2017 Loads*: 0.0%
- Preliminary 2018 Forecast: 0.2%

2017 Forecast: -0.6%
PS
Summarized Impacts on PJM RTO 2021 Winter Forecast

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UGI

Summarized Impacts on PJM RTO 2021 Winter Forecast