



# 2018 Day Ahead Scheduling Reserve Requirement



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## DASR Req. = LFE + FOR Components

- Time Period Winter 2015 through Fall 2017

### Load Forecast Error (LFE) Component

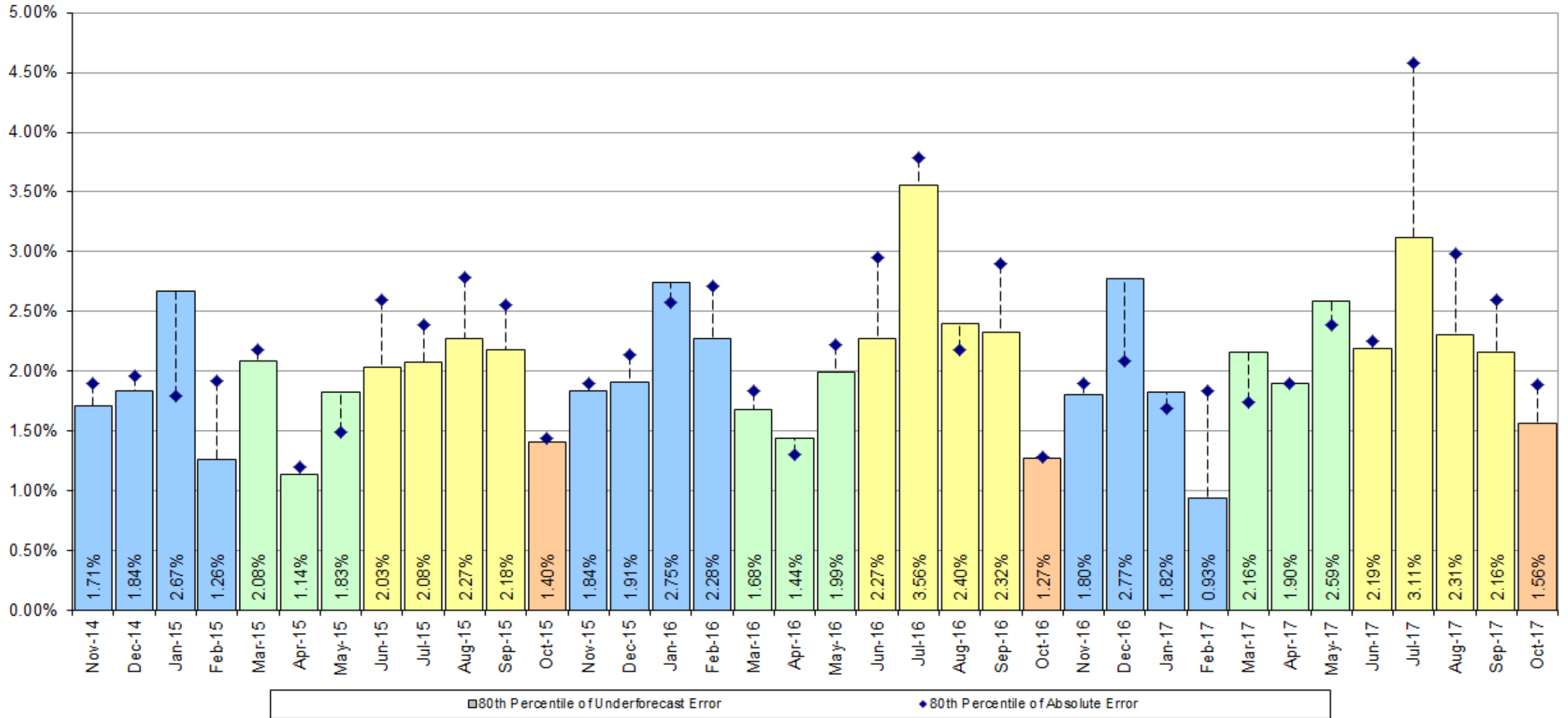
- 3 year average of Under forecasted LFE

### Forced Outage Rate Component

- 3 year average of eDART Forced Outages, submitted after D-1 18:00, effective after D 8:00 ending before D 20:00

| Season | Load Forecast Error Component<br>80th Percentile Absolute Error |       |       |        | Forced Outage Rate Component<br>All Forced Outage Tickets |       |       |        | DA<br>Sched. |
|--------|---|-------|-------|--------|---|-------|-------|--------|--------------|
|        | 2015  | 2016  | 2017  | Rollup | 2015  | 2016  | 2017  | Rollup | Req.         |
| Winter | 1.87%   | 2.19% | 1.83% | 1.97%  | 3.44%   | 3.04% | 2.90% | 3.13%  | 5.09%        |
| Spring | 1.68%   | 1.70% | 2.22% | 1.87%  | 3.71%   | 2.63% | 3.55% | 3.30%  | 5.16%        |
| Summer | 2.14%   | 2.64% | 2.44% | 2.41%  | 3.62%   | 3.16% | 3.02% | 3.27%  | 5.67%        |
| Fall   | 1.40%   | 1.27% | 1.56% | 1.41%  | 2.69%   | 3.04% | 4.55% | 3.43%  | 4.84%        |
| Annual |   |       |       | 2.04%  |   |       |       | 3.24%  | 5.28%        |

- 2018 LFE component is 2.04% (down 0.09%)
- 2018 FOR component is 3.24% (down 0.10%)
- Final 2018 DASR Requirement is 5.28%



- 2017 DASR requirement was 5.48%
- Final 2018 DASR requirement is 5.28%
- Small decrease in Load Forecast Error & small decrease in Forced Outage Rate component
- Review in October, Approval in November, Implement in January
- Final 2018 DASR value will be incorporated into upcoming Manual 13 Changes