

# Contract Oversight Committee

December 19, 2017

## PSEG Long Island Storm Performance 2015 to 2017

# Annual Storm History

Year	Storm Type	Jobs	CI	Total Weather Days	# of Declared Storm Periods
2015	Minor Storm	3,428	205,296		
2015	Major Storm	1,876	176,958		
<b>2015</b>	<b>Overall</b>	<b>5,304</b>	<b>382,254</b>	<b>68</b>	<b>19</b>
2016	Minor Storm	3,884	274,829		
2016	Major Storm	3,211	257,900		
<b>2016</b>	<b>Overall</b>	<b>7,095</b>	<b>532,729</b>	<b>98</b>	<b>21</b>
2017	Minor Storm	2,714	164,823		
2017	Major Storm	2,296	163,882		
<b>2017</b>	<b>Overall</b>	<b>5,010</b>	<b>328,705</b>	<b>72</b>	<b>12</b>

- 2017 Storm Performance shows reduction in Jobs and CI vs. 2016 and 2015
- Trend shows weather days leading to fewer storm periods
- Weather day: >90 degrees or any two of >1" precipitation, Sustained Winds > 30mph, Gusts > 35mph, Thunderstorms

# Weather and CI Impact

- Key weather statistics indicate that YTD through November, there has been windier weather and higher precipitation than previous years
- Despite having more days with higher average winds and high gusts, 2017 Storm CI improved over 2015 and 2016.

Period	All CI	Storm CI	Total	Precip (IN)	Sustained Peak Wind (MPH)	Avg Wind (MPH)	Maximum Gust Wind (MPH)	
				Days > 30	Days > 19	Days 41-45	Days > 45	
YTD Nov 2015	1.0M	382k	26.5	1	1	8	0	
YTD Nov 2016	1.4M	533k	25.2	5	1	4	5	
YTD Nov 2017	1.2M	329k	31.3	7	3	9	3	

# FEMA vs. Non-FEMA Mainline Performance

- Performance Period Second Half 2017 (July 1st to December 12th)
  - Overall Reportable Impact – 20% lower SAIFI and 19% fewer issues per mile
    - Blue sky – 12% lower SAIFI and 9% fewer issues per mile
    - Minor Storm – 64% lower SAIFI and 64% fewer issues per mile
      - 4 Minor Storm Events
      - Only 2 of 74 (2.7%) of FEMA circuits experienced mainline issue during Minor storms
    - Major Storm (Halloween)
      - SAIFI 26% better normalized for circuit length
      - 28% fewer issues per mile

.....FEMA Circuits see less CI and Jobs than non-FEMA Circuits