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CASE MANAGEMENT

OCT 25 2018

BOARD OF PUBLIC UTILITIES
TRENTON, NJ

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OCT 25 2018

BOARD OF PUBLIC UTILITIES
TRENTON, NJ

October 24, 2018

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Aida Camacho-Welch
Secretary of the Board
State of New Jersey
Board of Public Utilities
44 South Clinton Avenue, 3rd Floor, Suite 314
Post Office Box 350
Trenton, New Jersey 08625

RE: In the Matter of the Petition of Atlantic City Electric Company to Revise and
Update Its Electric Meter Selective Sampling Program Pursuant to N.J.A.C.
14:5-4.2 and the Form of Quarterly Reporting of Meter Test Results Pursuant
to N.J.A.C. 14:3-4.7
BPU Docket No. EO18101189

Dear Secretary Camacho-Welch:

This letter filing is submitted on behalf of Atlantic City Electric Company ("ACE" or the "Company") in response to a meeting with Staff of the New Jersey Board of Public Utilities (the "Board" or "BPU") on October 3, 2018, directing ACE (and the other electric distribution companies ["EDCs"] in the State) to seek Board approval pursuant to N.J.S.A. 48:2-25 and N.J.A.C. 14:5-4.2 of (i) a revised statistical sampling meter testing program and (ii) the new proposed quarterly and annual reporting format for reporting meter test results to the Board under N.J.A.C. 14:3-4.7(a).

By way of background, the Board is authorized, among other things, to "[e]stablish reasonable rules, regulations, specifications and standards, to secure the accuracy of all meters and appliances for measurements." N.J.S.A. 48:2-25. N.J.A.C. 14:5-4.2(c)2 requires that self-contained single-phase electric meters and three-wire network meters be tested at least once every eight years or by a variable interval or statistical sampling technique approved by the BPU.

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ATLANTIC CITY ELECTRIC COMPANY
(“ACE” or the “Company”)
ELECTRIC METER STATISTICAL SAMPLING PROGRAM

1. Acceptable electric meter accuracy shall be in accordance with ANSI C12.1 (2008), 5.1.2.2 Acceptable Performance (“The performance of all watthour meters is considered to be acceptable when the percent registration is not less than 98% or more than 102%”) and *N.J.A.C.* 14:5-4.3(a) (2016), Determination of electric meter accuracy (“No meter that has an error in registration of more than plus or minus two percent shall be placed in service or allowed to remain in service without adjustment”).

2. All self-contained single phase and three-wire network electric meters, as well as self-contained three-phase electric meters, shall be eligible for inclusion in a statistical sampling program.

3. The Company’s statistical sampling program shall be in accordance with ANSI Z1.9-2003 (R2013) Variability Unknown – Standard Deviation Method for Double Specification Limit, Form I, General Inspection Level II.

4. The population of electric meters included in the statistical sampling program shall be divided into homogeneous groups (also referred to as lots), such as manufacturer and manufacturer’s type/model. The groups may be further divided into subdivisions within the manufacturer’s type/model by major design modifications or other attributes such as an ANSI form number or year of manufacture/purchase.

5. The grouping shall be identified by the Company and submitted to Board Staff as part of the Company’s quarterly meter test report submitted pursuant to *N.J.A.C.* 14:3-4.7. Once established, the grouping shall remain consistent, except that (i) new groups may be added as needed as a result of new meter purchases and manufacturer design changes; and (ii) consolidation of existing groupings shall be reported to the Board Staff in the quarterly report.

6. The Acceptable Quality Limit (“AQL”) for acceptance or rejection of a group shall be 10% nonconforming.¹ The AQL shall be applied to the upper and lower limits using the double specification limit methodology. Any group exceeding the allowable limit as specified by an AQL of 10 shall be rejected.

7. The Inspection Level for required sample quantity by group shall be General Inspection Level II under Normal Inspection.

¹ The AQL of 10% was provided by Staff of the New Jersey Board of Public Utilities (the “Board”) at the March 13, 2017 collaborative meeting and was confirmed at the October 3, 2018 collaborative meeting, as a consistent limit to be used by the electric distribution companies in their respective revised statistical sampling meter test plans.