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IN THE MATTER OF THE PROVISION OF  
BASIC GENERATION SERVICE FOR THE  
PERIOD BEGINNING JUNE 1, 2010

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: Docket No.EO09050351  
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**ATLANTIC CITY ELECTRIC COMPANY**

**BASIC GENERATION SERVICE  
COMMENCING JUNE 1, 2010**

**COMPANY-SPECIFIC ADDENDUM  
COMPLIANCE FILING  
November 24, 2009**

## **ATLANTIC CITY ELECTRIC'S COMPANY-SPECIFIC ADDENDUM**

The following contains the company-specific material (referred to herein as the “Addendum”) of Atlantic City Electric Company (“ACE” or the “Company”) for the joint compliance filing made with the New Jersey Board of Public Utilities (the “Board” or “BPU”) on this date by the Electric Distribution Companies (“EDCs”) in this docket. Capitalized terms have the meanings defined in the joint submission.

As described in the generic section of this filing, two (2) different methods will be utilized for the pricing of BGS to customers – fixed energy pricing and variable hourly energy pricing. The fixed energy pricing will be termed “Basic Generation Service – Fixed Pricing” or “BGS-FP,” and the hourly energy pricing service will be termed “Basic Generation Service – Commercial and Industrial Energy Pricing” or “BGS-CIEP.”

BGS-FP is to be available to all residential and small and medium sized business customers, specifically those customers taking service on Rate Schedules RS, MGS (Secondary and Primary), AGS (Secondary and Primary), DDC, SPL, and CSL. These rate classes comprise the vast majority of ACE’s customers and approximately **82%** of the total usage on the ACE electric system. As described in detail later in this filing, BGS-FP commercial or industrial customers can opt-in to BGS-CIEP.

BGS-CIEP will continue to be the only default supply option available to customers taking service under ACE's Rate Schedule TGS (Transmission General Service). Pursuant to the Board's Order dated December 8, 2005 in connection with BPU Docket No. EO05040317, BGS-CIEP will be the only default supply option available to customers on Rate Schedules MGS Secondary, MGS Primary, AGS Secondary or AGS Primary with an annual peak load share (“PLS”) for generation capacity equal to or greater than 1,000 kW as of November 1 of the year prior to the BGS Auction. There are an estimated 119 eligible CIEP customers representing approximately **12%** of the total usage on the ACE electric system, whose only default supply option is BGS-CIEP. As described in detail later in this filing, BGS-

CIEP will also be available to any commercial or industrial customer on a voluntary basis regardless of such customer's regular rate schedule.

The Company, unless ordered by the Board to discontinue or modify Retail Margin assessments, will continue to assess the 5 mill Retail Margin on any commercial or industrial customer taking service under the BGS-CIEP supply option or with a PLS of 750 kW or greater as of November 1, 2009.

## **A. Committed Supply**

“Committed Supply” means power supplies to which ACE has an existing physical or financial entitlement. For ACE, Committed Supply includes its Non-Utility Generation (“NUG”) contracts, including any restructured replacement power contracts, which may extend into or through the BGS bid period. ACE retains the right to negotiate changes in, and operational control over, all of its NUG contracts.

As a result of the Board’s December 18, 2002 Order in Docket Nos. EX01110754 and EO02070384, (the “BGS Orders”), effective August 1, 2003, ACE’s NUG-related Committed Supply (capacity, energy, and ancillaries [if any]) is being sold in the wholesale markets. NUG-related capacity, energy, and ancillaries (if any) will continue to be sold in the wholesale markets. These sales shall be considered prudent unless and until the Board determines that a different protocol is appropriate. Just as they are currently, ACE’s actual above-market NUG contract costs will continue to be charged to the Non-Utility Generation Charge (“NGC”) clause, with full and timely cost recovery assured, and subject to deferral in accordance with ACE’s restructuring order. In setting the NGC, the actual NUG contract costs will be offset with revenues received from the sale of the NUG power in the wholesale markets.

In the event that ACE is required to invoke the Contingency Plan (discussed at length below), Committed Supply may be used to offset requirements associated with the Contingency Plan.

Any generation from ACE’s Committed Supply which qualifies as a Class I or Class II renewable resource will be used to meet the Renewable Portfolio Standards requirements, and, since ACE has no BGS supply requirements, it will, to the extent permitted by applicable regulatory and contractual provisions, be credited on a pro-rata basis to winning BGS-FP and BGS-CIEP suppliers. This will assure that these environmental benefits are

retained by BGS customers in ACE's service territory. Winning BGS-FP and BGS-CIEP suppliers will be responsible for obtaining and providing related verification information to ACE for the minimum Class I and Class II percentages required by the Renewable Portfolio Standards associated with the tranches they serve, net of renewable attributes of the Committed Supply energy proportionately applied, subject to the foregoing limitations, to each supplier's tranches.

## **B. Contingency Plans**

While not every contingency can be anticipated, ACE can differentiate four (4) time periods of concern:

- 1) there are an insufficient numbers of bids to provide for a fully-subscribed Auction Volume either for the BGS-FP auction or the BGS-CIEP auction;
- 2) a default by one of the winning bidders prior to June 2010;
- 3) a default during the June 1, 2010 – May 31, 2011 supply period, under the BGS-CIEP contracts entered into for twelve (12) months; and/or
- 4) a default during the June 1, 2010 - May 31, 2013 supply period, under the BGS-FP contracts entered into for thirty-six (36) months.

### **1. Insufficient Number of Bids in Auction**

In order to ensure that the auction process achieves the best price for customers, the degree of competition in the auction must be sufficient. To ensure a sufficient degree of competition, the volume of BGS-FP and BGS-CIEP Load purchased at each auction will be finally decided after the first round bids are received. Provided that there are sufficient bids at the starting prices, the auctions will be held for 100 percent of BGS-FP and BGS-CIEP Loads.

It is possible that the amount of initial bids will not result in a competitive auction for 100 percent of the BGS-FP or BGS-CIEP Load. This determination will be made by the Auction Manager in consultation with the EDCs, and the Board Advisor.

In the event that the Auction Volume is reduced to less than 100 percent of BGS-FP or BGS-CIEP Load, ACE, at its option, will implement a Contingency Plan for the remaining tranches. Under that plan, ACE will purchase necessary services (including but not limited to network transmission, capacity, energy and ancillary services, and any required Renewable Portfolio Standard Renewable Energy Certificate) for the remaining tranches

through PJM-administered markets until May 31, 2011 and may retain Committed Supply to serve these tranches. Any unsubscribed tranches for the period after May 31, 2011 may be included in a subsequent auction or treated as in part 4 of the Contingency Plan described below. This Contingency Plan will alert bidders that, in order to secure BGS-FP and BGS-CIEP prices from New Jersey BGS customers for their supply, it will be necessary to bid in the auctions.

Since the Contingency Plan calls for the purchase of BGS supply in PJM-administered markets, it is considered a strong feature of the auction proposal because it provides bidders a strong incentive to participate in the Auction Process. If bidders were to believe that a less than fully subscribed auction would lead to a negotiation or a secondary market in which ACE, on behalf of its customers, would seek to acquire BGS supplies, the incentive to participate in the auctions and the incentive to offer the best deal in the auctions would be diminished.

## **2. Defaults Prior to June 1, 2010**

If a winning bidder defaults prior to the beginning of the BGS service, then, at the option of ACE, the open tranches may first be offered to the other winning bidders or will be filled as provided in (3), below. Additional costs incurred by ACE in implementing the Contingency Plan will be assessed against the defaulting suppliers' credit security.

## **3. Defaults during the June 1, 2010 - May 31, 2011 Supply Period**

If a default occurs during the June 1, 2010 - May 31, 2011 period, for those contracts entered into for twelve (12) months, at the option of ACE, the tranches supplied by the defaulting supplier may be offered to the other winning bidders, bid out, or procured from PJM-administered markets, and Committed Supply may be retained to serve these tranches. Additional costs incurred by ACE in implementing the Contingency Plan will be assessed against the defaulting suppliers' credit security.

If circumstances are such that it is not practical to find another such supplier, ACE proposes to utilize a process similar to the "flexible portfolio approach" for BGS wholesale supply, as previously described in the ACE's filing in BPU Docket No. EM00080604, as noted in the Board's November 29, 2000 Order in that docket. This approach relies on a combination of competitive sources for BGS power, including RFPs, broker markets, capacity costs based on the PJM Reliability Pricing Model (RPM) and the PJM spot energy market.

#### **4. Defaults during the June 1, 2010 - May 31, 2013 Supply Period**

If a default occurs during the June 1, 2010 - May 31, 2013 period, for those contracts entered into for thirty-six (36) months, at the option of ACE, the tranches supplied by the defaulting supplier may be offered to the other winning bidders, bid out or procured from PJM-administered markets, and Committed Supply may be retained to serve these tranches. Among the options for bidding out the tranches, ACE may include such tranches in the next BGS procurement. Additional costs incurred by ACE in implementing the Contingency Plan will be assessed against the defaulting suppliers' credit security.

If circumstances are such that it is not practical to find another such supplier, ACE proposes to utilize a process similar to the "flexible portfolio approach" for BGS wholesale supply, as previously described in the ACE's filing in BPU Docket No. EM00080604, as noted in the Board's November 29, 2000 Order in that docket. This approach relies on a combination of competitive sources for BGS power, including RFPs, broker markets, capacity costs based on the PJM Reliability Pricing Model (RPM) and the PJM spot energy market.

### **C. Accounting and Cost Recovery**

The accounting and cost recovery that ACE will use for its BGS service is summarized in this section. These provisions are intended to be applicable to ACE only. Each EDC will provide individual BGS cost recovery methodologies.

ACE's BGS accounting will account for BGS-FP revenues and BGS-CIEP revenues individually as follows:

1. BGS-FP and BGS-CIEP revenues will be tracked using established accounting procedures and recorded separately as BGS-FP revenue and BGS-CIEP revenue. Transmission revenues from BGS-FP and BGS-CIEP customers are also tracked using established accounting procedures.
2. As previously established for ACE, uncollectible revenues are recovered through a component of ACE's Societal Benefits Charge (the "SBC").
3. The Company, unless ordered by the Board to discontinue or modify the Retail Margin will continue to track the BGS-CIEP Retail Margin revenues and BGS-FP Retail Margin revenues using established accounting procedures and recorded separately as BGS-CIEP Retail Margin revenue and BGS-FP Retail Margin revenue and shall not be included in the calculation of the BGS-CIEP or BGS-FP deferral/credit.

ACE will account for BGS-FP and BGS-CIEP costs individually as the sum of the following:

1. All payments made to winning BGS bidders for the provision of BGS-FP and BGS-CIEP service, including CIEP Standby Fee payments.
2. Any administrative costs associated with the provision of BGS-FP and BGS-CIEP service.

3. Any cost for procurement of capacity, energy, ancillary service, transmission and other expenses related to the Contingency Plan and any payments to the winners of a subsequent bid process to cover defaults made under the Contingency Plan, less any payments recovered from defaulting bidders. In the event that the Contingency Plan is required for BGS CIEP load, CIEP Standby Fee payments will be tracked separately.

BGS-FP and BGS-CIEP rates will be subject to deferred accounting since there will be differences between the BGS costs (as defined above) and BGS-related revenues (including transmission revenues). Adjustment type charges (also subject to deferred accounting) are necessary in order to balance out the difference between the amount paid to the BGS-FP and BGS-CIEP supplier(s) for BGS-FP and BGS-CIEP supply and the revenue from customers for BGS-FP and BGS-CIEP services. These reconciliation charge rates, including interest, will be calculated periodically for BGS-FP and BGS-CIEP on a cents per kWh basis and the respective rates will be applied to all BGS-FP and BGS-CIEP kWh. These charges will be combined with the fixed, seasonally differentiated BGS-FP and hourly BGS-CIEP charges for billing although they will be published in ACE's Rider BGS as separate BGS-FPRC and BGS-CIEPRC rates that will be revised periodically.

A BGS deferral/credit will be determined individually for the BGS-FP and BGS-CIEP rates as the difference between recorded BGS-FP or BGS-CIEP revenue and the total BGS-FP or BGS-CIEP cost. The individual BGS deferrals will be accounted for in the following manner:

1. If individual BGS costs, as defined above, are higher than individual BGS recorded revenue, the difference will be charged on a monthly basis to the cost deferral to be reconciled and recovered from customers, with interest, on a periodic basis through the BGS-FPRC and/or the BGS-CIEPRC.
2. If individual BGS costs, as defined above, are lower than individual BGS recorded revenue, the difference will be credited monthly to the cost

deferral to be reconciled and returned to customers, with interest, on a periodic basis through the BGS-FPRC and/or BGS-CIEPRC.

An additional deferred balance will be maintained individually for the BGS-FPRC and BGS-CIEPRC rates to ensure full recovery of all of the costs associated with the provision of BGS service.

In the event that the Contingency Plan is required to serve BGS-CIEP load, the difference between CIEP Standby Fee revenues and CIEP Standby Fee payments made to winning BGS-CIEP Auction bidders will be maintained in a separate deferred balance account. Interest on this account will be accrued monthly, using the same methodology and interest rate as those for the BGS-FP and BGS-CIEP deferred balances. Any debit/credit balance in this account at the end of the BGS period of June 1, 2010 through May 31, 2011 will be applied as a \$/kwh adjustment to the CIEP Standby Fee for the next BGS-CIEP annual period. In this manner, the mechanism to reconcile any CIEP Standby Fee deferred balance is applied, to the greatest extent practicable, to all BGS-CIEP eligible customers who paid the CIEP Standby Fee, and not only to those taking BGS-CIEP Service.

With the exception of any adjustment to the CIEP Standby Fee which may be required, ACE will follow the following schedule for the periodic reconciliation of its BGS-FP and BGS-CIEP rates:

1. For BGS-FPRC and BGS-CIEPRC rates effective June 1, the actual data for the months of August through March will be used.
2. For BGS-FPRC and BGS-CIEPRC rates effective October 1, the actual data for the months of April through July will be used.

ACE will file formula-based BGS-FPRC and BGS-CIEPRC rates with the Board at least 30 days in advance of the date upon which they are requested to be effective.

The filed rates will become effective 30 days after filing, absent a determination of manifest error by the Board.

### **System Control Charge (“SCC”)**

The SCC will be calculated annually on a cents per kWh basis and the charge will be applied to all of the Company’s electric customers. These charges will be published as a separate rate on the Rider BGS tariff sheets. A draft of these tariff sheets is attached. Final tariff sheets will be filed with the Board. The SCC currently provides recovery for appliance cycling load management costs. The charge will be set initially to recover estimated annual expenditures as approved by the Board. The SCC will be subject to deferred accounting with interest at the interest rate applicable to deferred balances previously set by the Board.

## **D. Description of BGS Tariff Sheets**

This section describes the proposed tariff sheets needed to implement ACE’s BGS proposal. The proposed tariff sheets for Tariff Rider Basic Generation Service (Rider BGS) are included as Attachment 1. Rider BGS provides the rates, terms and conditions for customers being served under the BGS-FP or BGS-CIEP pricing mechanisms

### **BGS-FP**

BGS-FP is to be available to all customers served on Rate Schedules RS, DDC, SPL and CSL. BGS-FP is also available to customers with a Peak Load Share (“PLS”) less than 1,000 kW who are served under Rate Schedules MGS Secondary, MGS Primary, AGS Secondary and AGS Primary. On any meter reading date, and with prior requisite notice, a customer taking supply service under BGS-FP may switch to third-party supply service, and a customer taking third-party supply service may switch to BGS-FP supply service.

As indicated on the proposed tariff sheets, BGS-FP is made up of two components: BGS Supply Charges and the BGS Reconciliation Charge. Additionally, each BGS customer is subject to transmission charges as discussed below.

#### BGS Supply Charges

The values of the BGS Supply charges applicable to Rate Schedules RS, MGS Secondary, MGS Primary, AGS Secondary, AGS Primary, DDC, SPL and CSL include the costs related to energy, generation capacity, ancillary services and administration. This is a continuation of the current approved methodology of recovering all electric supply service costs in the kilowatt-hour charges for these rate schedules.

The specific values that will be utilized for the BGS Supply Charges will be calculated as the tranche weighted average of the winning BGS-FP bid prices for the ACE zone adjusted for the seasonal payment factors for ACE's Atlantic Electric zone, less transmission costs, adjusted by the appropriate factor (multiplier and constant, if applicable) as shown on Table #17 of the Development of Post Transition Period BGS Cost and Bid Factor Tables, included in Attachment 2. Transmission charges will continue to be billed under the rates currently in effect for these Rate Schedules of the ACE Tariff for Electric Service.

It is the intent of ACE that the factors in the tables will be applied to the tranche weighted average of the winning BGS-FP bid prices adjusted for the seasonal payment factors. For the period beginning June 1, 2009, the pricing will be based on the 36-month auction price, the 36-month price from the auction held in February 2008 and the 36-month price from the auction held in February 2007. The tables will be updated annually prior to future BGS auctions and will be utilized to develop customer charges for a related annual period in a similar manner as described above. The updates will reflect then current factors such as updated futures prices, factors based on 12-month data, and any changes in the customer groups and load eligible for the BGS-FP class.

#### BGS Reconciliation Charges

This is the implementation of the BGS Reconciliation Charge for BGS-FP as explained in the Accounting and Cost Recovery section of this Addendum.

Transmission Charges

Transmission service will continue to be billed under the rates, terms and conditions of the customer's applicable Rate Schedule of the ACE Tariff for Electric Service. The transmission charges applicable to ACE's BGS FP customers are based on the annual transmission rate for network service for the ACE zone, as stated in PJM's Open Access Transmission Tariff ("OATT"). As part of a settlement approved by the Federal Energy Regulatory Commission ("FERC") on August 9, 2004, certain transmission owners in PJM, including ACE, agreed to reexamine their existing rates and to propose a method (such as a formula rate) to harmonize new and existing transmission investments by January 31, 2005, with such new rate (if any) to go into effect June 1, 2005. The objective of the formula rate filing is to establish a just and reasonable method for determining the transmission revenue requirements for the affected transmission pricing zones which would reflect both existing and new investment on a current basis. The formula rate tracks increases and decreases in costs such that no under- and no over-recovery of actual costs will occur. The formula rate protocols include provisions for an annual update to the rate based on current levels of costs and reconciliation of prior period costs and revenues. Pursuant to the protocols established in the settlement, the Company will file updates to the formula rate at FERC on or about May 15 of each year to be effective on June 1. The Company will make corresponding filings with the Board each year seeking approval of the formula rates on a retail level, pursuant to the requirements of the Supplier Master Agreements.

In addition to the formula rate protocols described above, the transmission charge may change from time to time as FERC approves other changes in the PJM OATT and related charges. In compliance with the BGS-FP Supplier Agreements, the transmission cost component of the BGS-FP charges to customers will change from time to time as FERC approves changes in the Network Integration Transmission Service rates for the ACE zone in the PJM OATT, or the FERC approves other network transmission-related charges in the PJM OATT.

ACE will provide the basis for any transmission cost adjustment, and will file supporting documentation from the OATT, as well as any rate translation spreadsheets used.

### **BGS-CIEP**

BGS-CIEP will be the only default supply option available to customers served on Rate Schedule TGS (Transmission General Service) and to customers served on Rate Schedules MGS Secondary, MGS Primary, AGS Secondary and AGS Primary with a PLS of 1,000 kW and higher as of November 1 of the year prior to the BGS auctions. Additionally, BGS-CIEP is available on a voluntary basis to any commercial or industrial customer taking service under the MGS or AGS rate schedules. To be eligible for BGS-CIEP, the customer will need to notify ACE of its choice no later than the second working day of a given year, and must commit to having BGS-CIEP as its default supply service option for a 12-month period commencing June 1<sup>st</sup> of that year. All commercial and industrial customers taking service under the MGS or AGS rate schedules will be notified of their option to switch to BGS-CIEP through the Company's website and their tariffs. Customers who elected BGS-CIEP in a prior procurement period and who are eligible to receive BGS-FP service may return to BGS-FP if they notify ACE of their intent to return to BGS-FP default service no later than the second working day of January. Such election will be effective on June 1<sup>st</sup> of that year.

The charges for BGS-CIEP are comprised of three (3) segments: BGS Energy Charges, BGS Capacity Charges and the BGS Reconciliation Charges. Transmission service will continue to be billed under the rates terms and conditions of the customer's applicable Rate Schedule of the ACE Tariff for Electric Service. The transmission charges applicable to ACE's BGS CIEP customers are based on the annual transmission rate for network service for the ACE zone, as stated in PJM's OATT. As part of a settlement approved by FERC on August 9, 2004, certain transmission owners in PJM, including ACE, agreed to reexamine their existing rates and to propose a method (such as a formula rate) to harmonize new and existing transmission investments by January 31, 2005, with such new rate (if any) to go into effect June 1, 2005. The objective of the formula rate filing is to establish a just and reasonable method for

determining the transmission revenue requirements for the affected transmission pricing zones which would reflect both existing and new investment on a current basis. The formula rate tracks increases and decreases in costs such that no under- and no over-recovery of actual costs will occur. The formula rate protocols include provisions for an annual update to the rate based on current levels of costs and reconciliation of prior period costs and revenues. Pursuant to the protocols established in the settlement, the Company will file updates to the formula rate at FERC on or about May 15 of each year to be effective on June 1. The Company will make corresponding filings with the Board each year seeking approval of the formula rates on a retail level, pursuant to the requirements of the Supplier Master Agreements.

In addition to the formula rate protocols described above, the transmission charge may change from time to time as FERC approves other changes in the PJM OATT and related charges. In compliance with the BGS-CIEP Supplier Agreements, the transmission cost component of the BGS-CIEP charges to customers will change from time to time as FERC approves changes in the Network Integration Transmission Service rates for the ACE zone in the PJM OATT, or the FERC approves other network transmission-related charges in the PJM OATT.

ACE will provide the basis for any transmission cost adjustment, and will file supporting documentation from the OATT, as well as any rate translation spreadsheets used.

#### BGS Energy Charges

One of the primary components of this charge will be the actual real time PJM load weighted average Locational Marginal Price (“LMP”) of energy for ACE's Atlantic Electric Transmission Zone. An estimate of the Ancillary Service cost for the ACE zone expressed on a dollar per MWh basis and administrative costs will be added to this. This sum will then be adjusted for losses for service at the rate schedule for which this service is applicable. A Retail Margin of \$0.005 per kilowatt-hour, unless ordered by the Board to discontinue or modify, will be added to this total for all metered kWh use for all BGS-CIEP customers.

BGS Capacity Charges

These charges will recover the costs associated with generation capacity. The EDCs have proposed that, effective with the supply period beginning June 1, 2009, the BGS Capacity Charge be based on the results of the BGS-CIEP Auction process. This charge, Sales and Use Tax (“SUT”) and the Board Revenue Assessment will be applied to the customer's share of the PJM zonal capacity obligation.

BGS Reconciliation Charges

This is the BGS Reconciliation Charge for the BGS-CIEP service as explained in the Accounting and Cost Recovery section of this Addendum.

CIEP Standby Fee

For the period June 1, 2009 through May 31, 2010, the EDCs will pay each BGS-CIEP supplier a CIEP Standby Charge equal to the \$0.000150 per kWh times their pro-rata share of the total energy usage measured at the meters of all of ACE’s BGS-CIEP eligible customers.

The CIEP Standby Fee is a delivery charge that is applicable to all customers having BGS-CIEP as their default supply service. This includes all customers served on Rate Schedules TGS; all customers served on Rate Schedules MGS Secondary, MGS Primary, AGS Secondary and AGS Primary with a peak load share of 1,000 kW or greater, and all customers on Rate Schedules MGS Secondary, MGS Primary, AGS Secondary and AGS Primary with a peak load share of less than 1,000 kW that have elected the BGS-CIEP default supply option. Any under- or over-recovery of the CIEP Standby Fee will continue to be subject to deferred accounting.

**System Control Charge**

In addition to the above BGS-related charges, the SCC is included in the tariff. This charge is in compliance with the Board’s Order requiring that the recovery of costs related

to the Residential Appliance Cycling be moved from the Energy Efficiency and Renewable Energy programs portion of the SBC to a separate, new non-by passable charge applicable to all customers. The costs recovered through this charge are currently subject to the identical deferred accounting and over/under interest calculations as applicable to deferred balances previously approved by the Board.

## **E. BGS Rate Design Methodology**

### **ACE BGS-FP Pricing Spreadsheet**

The resulting charge for each BGS-FP rate element (i.e., Rate RS summer charge, winter charge, etc.) for the non-hourly BGS-FP supply service will be based on factors applied to the tranche weighted average of the BGS-FP winning bid prices adjusted for the seasonal payment factors. The rate class specific factors have been developed based on the ratios of the estimated underlying market costs of each rate element (for each rate class) to the overall all-in BGS-FP cost. The tables included in Attachment 2 present all of the input data, intermediate calculations, and the final results in the calculation of these factors.

**Table #1** (% Usage during PJM On-Peak Period) contains the percentage of on-peak load, by month, for each applicable rate schedule. The on-peak period as used in this table (referred to as PJM periods) is defined as the 16-hour period from 7 AM to 11 PM, Monday through Friday. All remaining weekday hours and all hours on weekends and holidays recognized by the National Electric Reliability Council (“NERC”) are considered the off-peak period. This is consistent with the time periods used in the forwards market for trading of bulk power. The values in this table for each month are based on the most recent available settlement data for current ACE customers.

**Table #2** (% Usage During ACE On-Peak Billing Period) contains the percentage of on-peak load, by month, for each applicable rate schedule based on the definitions of time periods as contained in ACE’s delivery rate schedules. These percentages are based on usage history for the RS TOU BGS customers for the 36 month period ending December 31, 2008.

**Table #3** (Class Usage @ customer) contains the billing month sales forecasted for the period of June 2010 through May 2011

**Table #4** (Forward Prices – Energy Only @ bulk system) contains the forward prices for energy, by time period and month for the BGS analysis period. These values are the energy on-peak forwards as of June 09, 2009 for the PJM West trading hub for the period of

June 2010 to May 2011, as utilized in BGS marked-to-market calculations, and the historical ratio of actual off-peak to on-peak PJM LMPs for the prior summer and winter periods.

An adjustment of the forward prices contained in Table #4 must be made to correct for the pricing differential between the PJM West trading hub and the ACE zone where the BGS supply will be utilized.

**Table #5** (Zone-Hub Basis Differential) contains an estimate of the average zone-hub basis differential factors, by month and time period, which when multiplied by the prices at the PJM West trading hub will result in costs for power delivered into the ACE zone.

**Table #6** (Losses) The factors utilized for average system losses are inputted in Table #6 (Losses) by rate schedule and voltage level. Loss factors are developed by including losses at the 500kV transmission level as well as losses at lower transmission and distribution voltage levels currently approved for use by the Board.

**Table #7** (Summary of Average BGS Energy Only Unit Costs @ customer – PJM Time Periods) is the calculation of the energy only costs by rate, time period and season. These values are the seasonal and time period average costs per MWh as measured at the customer billing meter (from Table #3), based on the forwards prices (from Table #4) corrected for zone-hub basis differential (from Table #5), losses (from Table #6), and monthly time period weights (from Table #1). These average costs do not include the costs associated with Ancillary Services, Generation Obligation or Transmission costs, which will be considered in subsequent calculations.

**Table #8** (Summary of Average BGS Energy Only Costs @ Customer – PJM Time Periods) indicates the total value, in thousands of dollars, of the average BGS energy only costs. These are the results of the multiplication of the unit costs from Table #7, the monthly time period weights from Table #1 and the total sales to customers from Table #3. Since the end result of these calculations are to be utilized in the development of retail BGS rates, the

rates utilizing time of day pricing must be developed based upon the time periods as defined for billing.

**Table #9** (Summary of Average BGS Energy Only Unit Costs @ Customer – ACE Time Periods) shows the result of the corrections for the RS TOU BGS rate. These values are calculated based on the assumption that the MWhs included in the PJM on-peak time period and not included in the ACE on-peak time periods are at the average of the on- and off-peak PJM prices.

**Table #10** (Generation & Transmission Obligations and Costs and Other Adjustments) The next steps set up the values necessary for the inclusion of the costs of the Generation Capacity and Transmission obligations. The top portion of Table #10 shows the total obligations, by applicable rate schedule, that are currently being utilized in the year 2009. The middle portion of this table shows the number of summer and winter days and months that are used in this analysis. The bottom portion of this table shows the annual market price for transmission service and a seasonally differentiated market price of generation capacity. The cost of transmission service is equal to the current rate for the ACE OATT for network transmission service. The generation capacity costs are based on an estimate of the relevant current wholesale market price.

**Table #11** (Ancillary Services) An estimate of the effects of the costs of ancillary services is included in Table #11. Since the actual costs are a complex combination of many factors, an estimate of the overall annual average value, expressed on a dollar per MWh basis, is used as a reasonable and practical alternative.

**Table #12** (Summary of Obligation Costs Expressed as \$/MWh @ customer) shows the result of the allocation of both the transmission and generation costs on a per kWh basis to all rate schedules. For RS TOU BGS, the per kWh Generation Capacity Obligation Costs are based on the on-peak usage only.

**Table #13** (Summary of BGS Unit Costs @ customer) is the result of the inclusion of the transmission, generation capacity, and Ancillary Services costs to the energy only costs shown in Table #9. This table shows the total estimated all-in costs for BGS, based on the assumptions utilized in the above tables, and the average per unit cost, as measured at the customer meters or the bulk system meters.

**Table #14** (Ratio of BGS Unit Costs @ customer to All-In Average Cost @ bulk system) indicates the ratio of the individual rate element costs from Table #13 to the overall all-in cost as measured at the bulk system, plus constants, where applicable.

**Table #15** (Summary of BGS Unit Costs Less Transmission @customer) provides the BGS-FP unit costs as developed in Table #13, with the exception of transmission. The bottom portion of the table shows the total estimated costs for BGS-FP less transmission costs and the average unit cost as measured at the customer meters or the bulk system. ACE developed this table since retail customers will be billed for transmission service based on existing transmission rates in their applicable Rate Schedule. For that reason, the cost of transmission needs to be excluded from the calculation of the retail BGS rates. To develop retail BGS rates, a series of ratios excluding the transmission cost is developed.

**Table #16** (Ratio of BGS Unit Costs less transmission to All-in Average Cost) indicates the ratio the individual rate element costs from Table #14 to the overall all-in cost as measured at the bulk system. These ratios are used to establish the BGS-FP prices to retail customers.

**Table #17** (Summary of Total BGS Costs by Season) show the calculation of the total BGS Costs, utilizing the total customer usage from Table #3 and the all-in unit costs from Table #13. The lower left portion of the table indicates the relative percentage of total costs by season for all rate schedules, while the center shows the calculation of the overall average all-in seasonal unit costs on a dollar per MWh basis. The ratio of these overall average seasonal costs to the overall total cost, shown in the lower right hand portion of Table #17, are the seasonal payment ratios upon which payments to the winning bidders are based.

**Table #18** (Retail Rates Charged to BGS FP Customers), shows the calculation of retail rates to be charged to the FP customers for their BGS services. This table utilizes the information computed in Table #16 (Ratio of BGS Unit Costs) and applies the applicable ratios for each rate class to the BGS average price which, in turn, is based on the weighted average winning bids less transmission charges. The upper left portion of this table provides the information on the calculation of the BGS average price.

**Table #19** (Retail Rates Charged to BGS FP Customers Including Revenue Assessment and SUT), shows the BGS FP customer rates inclusive of Board and RPA revenue assessments as well as SUT. This table utilizes the information provided in Table #18 and applies the applicable revenue assessment factor to derive the tax effected BGS FP customer's rates.

The final section summarizes some of the most important assumptions utilized in the above calculations.

The second spreadsheet used in the calculation of the final BGS-FP rates is included as Attachment #3, and is entitled "Calculation of June 2010 to May 2011 BGS-FP Rates." The tables in this spreadsheet calculate the weighted average winning bid price and convert it into the final BGS-FP rates that are charged to customers. An explanation of each of the six (6) tables, labeled as Table A through F, is as follows:

**Table A** (Auction Results) contains the results of the prior two (2) BGS auctions, as well as the results of the current auction. From these values, the weighted average annual bid price (shown on line #13) is calculated. All of the formulas used in this table are shown in the right hand column of this table, under the head of "Notes."

**Table B** (Ratio of BGS Unit Costs @ Customer to All-In Average Cost @ Bulk System) is a repeat of the values shown in Table #14 from Attachment 2, the bid factors calculated based on current market conditions.

**Table C** (Preliminary Resulting BGS Rates) contains the preliminary customer BGS-FP rates as the product of the weighted average bid price (from Table A) and the Bid Factors from Table B.

**Table D** (Revenue Recovery Calculations) contains a comparison of the total anticipated rate revenue billed to customers based on the preliminary BGS-FP rates developed in Table C and the anticipated total season payments to BGS suppliers, based on the data in Table A. The calculation of the kWh Rate Adjustment Factors are also done in this table, which are equal to the seasonal dollar differences between the anticipated billed revenue and supplier payments, divided by the total anticipated seasonal billed BGS-FP energy related charges.

**Table E** (Final Resulting BGS Rates) contains the final adjusted BGS-FP rates, which are equal to the preliminary BGS –FP rates shown in Table C times the seasonal kWh Rate Adjustment Factors that were developed in Table D.

**Table F** (Spreadsheet Error Checking) contains a comparison of the total anticipated rate revenue billed to customers based on the final BGS-FP rates developed in Table E and the anticipated total season payments to BGS suppliers, based on the data in Table A.

# ATTACHMENT 1

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IN THE MATTER OF THE PROVISION OF  
BASIC GENERATION SERVICE FOR THE  
PERIOD BEGINNING JUNE 1, 2010

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: Docket No.EO09050351  
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**ATLANTIC CITY ELECTRIC COMPANY**

**BASIC GENERATION SERVICE  
COMMENCING JUNE 1, 2010**

**COMPANY-SPECIFIC ADDENDUM  
COMPLIANCE FILING  
November 24, 2009**

**RIDER (BGS)****Basic Generation Service (BGS)**

Basic Generation Service (BGS) will be arranged for any customer taking service under Electric Rate Schedules RS, MGS Secondary, MGS Primary, AGS Secondary, AGS Primary, TGS, DDC, SPL, and CSL who has not notified the Company of an Alternative Electric Supplier choice. BGS is also available to customers whose arrangements with Alternative Electric Suppliers have terminated for any reason, including nonpayment.

BGS is offered under two different terms of service; Basic Generation Service - Fixed Price (BGS-FP) and Basic Generation Service -Commercial and Industrial Energy Pricing (BGS-CIEP). BGS-FP is offered to customers on Rate Schedules RS, DDC, SPL and CSL. BGS-FP is also offered to customers on Rate Schedules MGS Secondary, MGS Primary, AGS Secondary, AGS Primary with an annual peak load share ("PLS") for generation capacity of less than 1,000 kW as of November 1 of each year. Additionally, BGS customers on Rate Schedule RS have the option of taking BGS-FP on a time of use basis.

BGS Customers on Rate Schedule TGS and BGS customers on Rate Schedules MGS Secondary, MGS Primary, AGS Secondary or AGS Primary with a PLS for generation capacity equal to or greater than 1,000 kW as of November 1 of each year are required to take service under BGS-CIEP.

Customers on Rate Schedules MGS Secondary, MGS Primary, AGS Secondary or AGS Primary with a PLS of less than 1,000 kW, have the option of taking either BGS-FP or BGS-CIEP service. Customers who elect BGS-CIEP must notify the Company of their selection no later than the second working day of January of the year they wish to begin BGS-CIEP service. Such election will be effective on June 1 of that year and remain as the customer's default supply for the following twelve months. Customers electing BGS-CIEP as their default supply in a prior procurement period and who are otherwise eligible to return to BGS-FP may return to BGS FP by notifying the Company no later than the second working day of January of the year that they wish to return to BGS-FP service. Such election shall be effective on June 1 of that year.

**BGS-FP Supply Charges (\$/kWh):**

Rate Schedule	SUMMER		WINTER	
	June Through September		October Through May	
RS				\$ x.xxxxxx
<=750 kwhs summer	\$	x.xxxxxx		
> 750 kwh summer	\$	x.xxxxxx		
RS TOU BGS Option				
On Peak (See Note 1)	\$	x.xxxxxx	\$	x.xxxxxx
Off Peak (See Note 1)	\$	x.xxxxxx	\$	x.xxxxxx
MGS-Secondary	\$	x.xxxxxx	\$	x.xxxxxx
MGS-Primary	\$	x.xxxxxx	\$	x.xxxxxx
AGS-Secondary	\$	x.xxxxxx	\$	x.xxxxxx
AGS-Primary	\$	x.xxxxxx	\$	x.xxxxxx
DDC	\$	x.xxxxxx	\$	x.xxxxxx
SPL/CSL	\$	x.xxxxxx	\$	x.xxxxxx

Note 1: On Peak hours are considered to be 8:00 AM to 8:00 PM, Monday through Friday.

The above Basic Generation Service Energy Charges reflect costs for Energy, Generation Capacity, Ancillary Services and Administrative Charges pursuant to N.J.S.A. 48:2-60 plus New Jersey Sales and Use Tax as set forth in Rider SUT.

**Date of Issue:**  
**Issued by:**

**Effective Date:**

**RIDER (BGS) continued**  
**Basic Generation Service (BGS)**

**BGS Reconciliation Charge (\$/kWh):**

The above charge shall recover the difference between the monthly amount paid to Basic Generation Service (BGS) suppliers and the total revenue from customers for BGS for the preceding months for the applicable BGS supply. These charges include New Jersey Sales and Use Tax as set forth in Rider SUT and are changed on June 1 and October 1 of each year.

Rate Schedule	Charge(\$ per kWh)
RS	\$ x.xxxxxx
MGS Secondary, AGS Secondary, SPL/CSL, DDC	\$ x.xxxxxx
MGS Primary, AGS Primary	\$ x.xxxxxx

**BGS-CIEP**

**Energy Charges**

BGS Energy Charges for Rate Schedule TGS, AGS and MGS customers with a Peak Load Share (PLS) of 1,000 kW or more, and AGS and MGS customers with a PLS of less than 1,000 kW who have elected BGS-CIEP are hourly and are provided at the real time PJM Load Weighted Average Locational Marginal Prices for the Atlantic Electric Transmission Zone, adjusted for losses, plus administrative charges pursuant to N.J.S.A. 48:2-60 and New Jersey Sales and Use Tax as set forth in Rider SUT.

**Generation Capacity Obligation Charge**

	Summer	Winter
Charge per kilowatt of Generation Obligation (\$ per kW per day)	\$ x.xxxxxx	\$ x.xxxxxx

This charge is equal to the winning bid price from the BGS-CIEP default service auction plus administrative charges pursuant to N.J.S.A. 48:2-60 and New Jersey Sales and Use Tax as set forth in Rider SUT. The above charge shall be applied to each Customer's annual peak load share ("PLS") for generation capacity, adjusted for the applicable PJM-determined Zonal Scaling Factor and the applicable PJM-determined capacity reserve margin factor, on a daily basis for each day in each customer's respective billing cycle.

**Ancillary Service Charge**

	Charge (\$ per kWh)
Service taken at Secondary Voltage	\$ x.xxxxxx
Service taken at Primary Voltage	\$ x.xxxxxx
Service taken at Sub-Transmission Voltage	\$ x.xxxxxx
Service taken at Transmission Voltage	\$ x.xxxxxx

This charge represents the average annual cost of Ancillary Services in the Atlantic Electric Transmission zone adjusted for losses, plus administrative charges pursuant to N.J.S.A. 48:2-60 and New Jersey Sales and Use Tax as set forth in Rider SUT.

**BGS Reconciliation Charge:**

	Charge (\$ per kWh)
Service taken at Secondary Voltage	\$ x.xxxxxx
Service taken at Primary Voltage	\$ x.xxxxxx
Service taken at Sub-Transmission Voltage	\$ x.xxxxxx
Service taken at Transmission Voltage	\$ x.xxxxxx

The above charge shall recover the difference between the monthly amount paid to Basic Generation Service (BGS) suppliers and the total revenue from customers for BGS for the preceding months for the applicable BGS supply. These charges include administrative charges pursuant to N.J.S.A. 48:2-60 and New Jersey Sales and Use Tax as set forth in Rider SUT and are changed on June 1 and October 1 of each year.

**Date of Issue:**

**Effective Date:**

**Issued by:**

## ATLANTIC CITY ELECTRIC COMPANY

BPU NJ No. 11 Electric Service - Section IV

Revised Sheet Replaces Revised Sheet No. 60b

## RIDER (BGS) continued

## Basic Generation Service (BGS)

**CIEP Standby Fee** \$ x.xxxxxx per kWh

This charge recovers the costs associated with the winning BGS-CIEP bidders maintaining the availability of the hourly priced default electric supply service plus administrative charges pursuant to N.J.S.A. 48:2-60 and New Jersey Sales and Use Tax as set forth in Rider SUT. This charge is assessed on all kWhs delivered to all CIEP- eligible customers on Rate Schedules MGS Secondary, MGS Primary, AGS Secondary, AGS Primary or TGS.

**System Control Charge (SCC)** \$ x.xxxxxx per kWh

This charge provides for recovery of appliance cycling load management costs. This charge includes administrative charges pursuant to N.J.S.A. 48:2-60 and New Jersey Sales and Use Tax as set forth in Rider SUT. This charge is assessed on all kWhs delivered to all electric customers.

**Retail Margin** \$ x.xxxxxx per kWh

This charge is applicable to all customers taking service under BGS CIEP and those BGS-FP customers on Rate Schedules MGS Secondary, MGS Primary, AGS Secondary or AGS Primary whose annual PLS for generation capacity is equal to or greater than 750 kW as of November 1 of each year. This charge includes administrative charges pursuant to N.J.S.A. 48:2-60 and New Jersey Sales and Use Tax as set forth in Rider SUT

**Transmission Enhancement Charge**

This charge reflects Transmission Enhancement Charges ("TECs"), implemented to compensate transmission owners for the annual transmission revenue requirements for "Required Transmission Enhancements" (as defined in Schedule 12 of the PJM OATT) that are requested by PJM for reliability or economic purposes and approved by the Federal Energy Regulatory Commission (FERC). The TEC charge (in \$ per kWh by Rate Schedule), including administrative charges pursuant to N.J.S.A. 48:2-60 and New Jersey Sales and Use Tax as set forth in Rider SUT, is delineated in the following table.

Rate Class	PATH	TrAILCo	Dominion	PSE&G	Total
RS	\$0.000081	\$0.000000	\$0.000002	\$0.000428	\$0.000511
MGS Secondary	\$0.000082	\$0.000000	\$0.000002	\$0.000434	\$0.000518
MGS Primary	\$0.000110	\$0.000000	\$0.000002	\$0.000572	\$0.000684
AGS Secondary	\$0.000066	\$0.000000	\$0.000001	\$0.000350	\$0.000417
AGS Primary	\$0.000077	\$0.000000	\$0.000001	\$0.000404	\$0.000482
TGS	\$0.000125	\$0.000000	\$0.000002	\$0.000648	\$0.000775
SPL/CSL	\$0.000000	\$0.000000	\$0.000000	\$0.000000	\$0.000000
DDC	\$0.000041	\$0.000000	\$0.000001	\$0.000213	\$0.000255

Date of Issue:

Effective Date:

Issued by:

# ATTACHMENT 2

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IN THE MATTER OF THE PROVISION OF  
BASIC GENERATION SERVICE FOR THE  
PERIOD BEGINNING JUNE 1, 2010

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: Docket No.EO09050351  
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## ATLANTIC CITY ELECTRIC COMPANY

**BASIC GENERATION SERVICE  
COMMENCING JUNE 1, 2010**

**COMPANY-SPECIFIC ADDENDUM  
COMPLIANCE FILING  
November 24, 2009**

Table #1 % usage during PJM On-Peak period  
(data rounded to nearest %)

	RS	RS TOU - BGS	MGS - SEC	MGS - PRI	AGS - SEC	AGS - PRI	SPL/CSL	DDC
January	50.10%	50.15%	58.76%	56.65%	54.98%	52.57%	34.51%	46.89%
February	48.27%	48.25%	55.05%	57.80%	54.91%	51.52%	35.20%	47.52%
March	47.67%	47.82%	56.24%	58.07%	55.56%	53.23%	29.32%	46.96%
April	48.30%	48.21%	55.49%	60.47%	54.20%	53.46%	29.16%	45.59%
May	49.41%	49.62%	57.14%	66.70%	55.21%	54.35%	26.40%	46.28%
June	53.33%	53.27%	62.01%	62.01%	54.64%	54.65%	26.35%	45.69%
July	51.69%	51.64%	55.07%	58.11%	53.09%	53.08%	24.65%	44.67%
August	56.75%	57.50%	59.80%	62.47%	56.67%	57.03%	28.55%	48.59%
September	46.92%	47.04%	51.97%	52.05%	49.59%	51.48%	26.18%	42.05%
October	54.35%	54.30%	59.71%	59.90%	56.86%	58.47%	31.71%	49.01%
November	48.19%	48.31%	55.89%	57.87%	54.29%	54.93%	36.27%	46.53%
December	45.26%	45.26%	51.77%	52.55%	50.32%	49.80%	33.07%	42.39%

On-Peak periods defined as the 16 hr PJM Trading period, adj for NERC holidays

Table #2 % Usage During ACECO On-Peak Billing Period

	RS TOU - BGS
January	33.22%
February	32.31%
March	31.07%
April	31.20%
May	31.14%
June	21.40%
July	36.20%
August	37.14%
September	35.79%
October	22.16%
November	32.72%
December	32.93%

Table #3 Class Usage @ customer  
calendar month sales forecasted for period  
in MWh

	RS	RS TOU - BGS	MGS - SEC	MGS - PRI	AGS - SEC	AGS - PRI	SPL/CSL	DDC	Total
Jan-11	381,355	363	117,284	738	152,414	42,634	8,557	1,042	704,388
Feb-11	365,274	364	113,804	841	153,279	42,384	7,397	1,022	694,366
Mar-11	336,007	330	108,665	763	148,586	42,635	7,156	1,041	645,184
Apr-11	289,985	272	101,547	898	145,100	43,556	6,577	1,062	598,997
May-11	293,236	207	115,088	1,129	157,625	44,924	6,301	1,193	619,703
Jun-10	371,728	232	139,500	1,975	164,304	52,322	5,868	1,337	757,257
Jul-10	486,708	288	160,267	3,499	180,144	47,963	5,693	1,109	885,631
Aug-10	503,302	314	164,093	3,788	167,785	45,208	5,782	1,057	891,330
Sep-10	397,204	252	134,060	2,999	161,515	43,097	5,142	957	746,286
Oct-10	296,114	221	115,075	1,472	152,349	42,938	4,222	1,042	616,431
Nov-10	298,139	280	109,025	1,168	154,226	41,693	4,253	1,195	613,500
Dec-10	353,968	354	133,333	1,163	158,035	41,354	4,825	1,159	744,565
Total	4,383,041	3,476	1,492,322	20,419	1,908,184	501,266	83,809	13,257	8,435,751

Table #4 Forwards Prices - Energy Only @ bulk system (\$/MWh)

Month	On-Peak	Off/On Pk LMP ratio	Off-Peak	On-Peak	Off-Peak
Jan-11	71.00	0.717	50.94	111%	108%
Feb-11	71.00	0.717	50.94	108%	108%
Mar-11	61.75	0.717	44.30	111%	108%
Apr-11	61.75	0.717	44.30	111%	108%
May-11	57.25	0.717	41.07	111%	108%
Jun-10	61.38	0.628	38.57	125%	115%
Jul-10	75.44	0.628	47.41	125%	115%
Aug-10	75.44	0.628	47.41	125%	115%
Sep-10	58.85	0.628	36.98	125%	115%
Oct-10	56.88	0.717	40.81	111%	108%
Nov-10	56.88	0.717	40.81	111%	108%
Dec-10	56.88	0.717	40.81	111%	108%

Table #5 Zone-Hub Basis Differential 'Based on 3 Year Average

Losses	RS	RS TOU - BGS	MGS - SEC	MGS - PRI	AGS - SEC	AGS - PRI	SPL/CSL	DDC
Delivery Loss Factor	7.8715%	7.8715%	7.8715%	5.0738%	7.8715%	5.0738%	7.8715%	7.8715%
Loss Factors + ERV Losses =	8.3464%	8.3464%	8.3464%	5.5531%	8.3464%	5.5531%	8.3464%	8.3464%
Expansion Factor =	1.09106	1.09106	1.09106	1.05891	1.09106	1.05891	1.09106	1.09106
Marginal Loss Factor (w/ ERV Losses) =	2.0943%	2.0943%	2.0943%	2.0943%	2.0943%	2.0943%	2.0943%	2.0943%
Loss Factor w/o Marginal Loss =	6.3585%	6.3585%	6.3585%	3.5431%	6.3585%	3.5431%	6.3585%	6.3585%
Expansion Factor w/o Marginal Loss =	1.06821	1.06821	1.06821	1.03873	1.06821	1.03873	1.06821	1.06821

Table #6 Summary of Average BGS Energy Only Unit Costs @ customer - PJM Time Periods based on Forwards @ PJM West - corrected for congestion & losses in \$/MWh

	RS	RS TOU - BGS	MGS - SEC	MGS - PRI	AGS - SEC	AGS - PRI	SPL/CSL	DDC
Summer - all hrs	\$ 74.98	\$ 74.93	\$ 76.11	\$ 75.57	\$ 74.43	\$ 72.32	\$ 63.63	\$ 70.97
On Peak	\$ 94.00	\$ 93.87	\$ 93.45	\$ 91.73	\$ 92.63	\$ 89.68	\$ 92.05	\$ 92.30
Off Peak	\$ 54.04	\$ 53.91	\$ 53.89	\$ 52.69	\$ 53.45	\$ 51.86	\$ 53.41	\$ 53.29
Winter - all hrs	\$ 63.54	\$ 63.82	\$ 64.73	\$ 62.06	\$ 64.34	\$ 62.20	\$ 59.47	\$ 62.26
On Peak	\$ 75.06	\$ 75.46	\$ 74.56	\$ 71.15	\$ 74.54	\$ 72.18	\$ 74.84	\$ 74.29
Off Peak	\$ 52.52	\$ 52.77	\$ 52.20	\$ 48.76	\$ 52.11	\$ 50.70	\$ 52.15	\$ 51.90
Annual	\$ 68.13	\$ 67.29	\$ 69.29	\$ 70.17	\$ 68.01	\$ 66.79	\$ 60.63	\$ 65.23
System Average Cost @ customer - (limited to classes shown above) =				\$	\$ 66.09			

Table #8 Summary of Average BGS Energy Only Costs @ customer - PJM Time Periods based on Forwards Prices corrected for congestion & losses in \$/1000

	RS	RS TOU - BGS	MGS - SEC	MGS - PRI	AGS - SEC	AGS - PRI	SPL/CSL	DDC
Summer - all hrs	\$ 131,690	\$ 81	\$ 45,508	\$ 927	\$ 51,535	\$ 13,640	\$ 1,491	\$ 319
PJM on pk	\$ 89,653	\$ 54	\$ 31,392	\$ 859	\$ 34,432	\$ 9,152	\$ 570	\$ 188
PJM off pk	\$ 43,236	\$ 28	\$ 14,126	\$ 267	\$ 17,223	\$ 4,488	\$ 921	\$ 131
Winter - all hrs	\$ 166,726	\$ 153	\$ 57,691	\$ 506	\$ 78,137	\$ 21,315	\$ 3,590	\$ 545
PJM on pk	\$ 95,288	\$ 88	\$ 37,359	\$ 334	\$ 49,376	\$ 13,246	\$ 1,457	\$ 301
PJM off pk	\$ 70,448	\$ 65	\$ 20,332	\$ 172	\$ 28,762	\$ 8,069	\$ 2,133	\$ 244
Annual	\$ 298,626	\$ 234	\$ 103,369	\$ 1,433	\$ 129,772	\$ 34,955	\$ 5,081	\$ 865
System Total	\$	\$	\$ 574,364					



**Table #13** Summary of BGS Unit Costs @ customer  
includes energy, G&T obligations, and Ancillary Services  
in \$/MWh

	RS	RS	RS	TOU - BGS	MGS - SEC	MGS - PRI	AGS - SEC	AGS - PRI	SPL/CSL	DDC	
Summer - all hrs	101.13	\$	117.64	\$	86.23	\$	85.73	\$	79.21	\$	84.13
			146.25						66.90		
			68.91								
	97.73										
	106.38										
Winter - all hrs	84.93	\$	104.32	\$	88.81	\$	83.55	\$	69.34	\$	75.61
			122.29								
			64.90						62.74		
Annual	97.42	\$	93.09	\$	91.78	\$	85.46	\$	72.84	\$	78.50

Grand Total Cost in \$1000 = \$ 779,364

All In Average cost for rates shown (@ customer) = \$ 92.39  
All In Average costs for rates shown (@ bulk system) = \$ 86.66

**Table #14** Ratio of BGS Unit Costs @ customer to All In Average Cost @ bulk system (rounded to 3 decimal places)  
includes energy, G&T obligations, and Ancillary Services - unadjusted for billing vs. PJM time period differences

	RS	RS	RS	TOU - BGS	MGS - SEC	MGS - PRI	AGS - SEC	AGS - PRI	SPL/CSL	DDC
Summer - all hrs			1.360		1.111	1.001	1.080	0.914	0.772	0.971
			1.711							
			0.795							
			1.167							
			(3.40)							
			5.25							
			1.095		1.204	0.964	0.982	0.800	0.724	0.872
			1.411							
			0.749							
Annual	1.124		1.074		1.059	0.986	1.017	0.841	0.737	0.906

Table #15

**Summary of BGS Unit Costs Less Transmission @ customer**  
*Includes energy, Generation capacity obligations, and Ancillary Services - unadjusted for billing vs. PJM time period differences. Transmission billed at retail tariff level.*  
*in \$/MWh*

	RS	RS TOU - BGS	MGS - SEC	MGS - PRI	AGS - SEC	AGS - PRI	SPLUCSL	DDC
Summer - all hrs	\$ 93.91	\$ 111.87	\$ 81.32	\$ 83.92	\$ 89.20	\$ 78.18	\$ 66.90	\$ 81.50
On-Peak		\$ 142.27						
Off-Peak		\$ 62.94						
Block 1 (0-750 kWh/m)	\$ 50.51							
Block 2 (>750 kWh/m)	\$ 95.17							
Winter - all hrs	\$ 66.81	\$ 67.10	\$ 68.00	\$ 65.24	\$ 67.61	\$ 65.38	\$ 62.74	\$ 65.55
On-Peak		\$ 85.07						
Off-Peak		\$ 58.93						
Annual	\$ 90.20	\$ 87.12	\$ 86.87	\$ 82.65	\$ 83.79	\$ 71.82	\$ 63.90	\$ 75.86

Grand Total Cost In \$1000 = \$ 645,095

All In (Less Transmission) Average cost for rates shown (@ customer) = \$ 76.47

All In (Less Transmission) Average costs for rates shown (@ bulk system) = \$ 71.73

Table #16

**Ratio of BGS Unit Costs @ customer to All In Average Cost Less Transmission @ bulk system (rounded to 3 decimal places)**  
*Includes energy, Generation capacity obligations, and Ancillary Services - unadjusted for billing vs. PJM time period differences.*  
*Transmission billed at retail tariff level.*

	RS	RS TOU - BGS	MGS - SEC	MGS - PRI	AGS - SEC	AGS - PRI	SPLUCSL	DDC
Summer - all hrs		1.560	1.273	1.170	1.244	1.090	0.933	1.136
On-Peak		1.984						
Off-Peak		0.877						
All usage Multiplier	1.309							
Constant	(3.40)							
Constant	5.25							
		for Block 1 (0-750 kWh/m) usage						
		for Block 2 (>750 kWh/m) usage						
Winter - all hrs		0.832	0.946	0.910	0.943	0.911	0.875	0.914
On-Peak		1.186						
Off-Peak		0.822						
Annual	1.258	1.215	1.211	1.152	1.168	1.001	0.891	1.058

Table #17 Summary of Total BGS Costs by Season

Total Costs by Rate - in \$1000	RS	RS TOU - BGS	MGS - SEC	MGS - PRI	AGS - SEC	AGS - PRI	SPL/CSL	DDC
Summer	\$ 177,875	\$ 128	\$ 57,539	\$ 1,064	\$ 64,905	\$ 14,937	\$ 1,568	\$ 379
Winter	\$ 249,106	\$ 249	\$ 79,427	\$ 681	\$ 103,294	\$ 23,761	\$ 3,788	\$ 662
Total	\$ 426,981	\$ 377	\$ 136,966	\$ 1,745	\$ 168,200	\$ 38,699	\$ 5,356	\$ 1,041
% of Annual Total \$ by Rate								
Summer	42%	34%	42%	61%	39%	39%	29%	36%
Winter	58%	66%	58%	39%	61%	61%	71%	64%
Total Costs - in \$1000								
Summer	\$ 318,395							
Winter	\$ 460,969							
Total	\$ 779,364							
% of Annual Total \$								
Summer	41%							
Winter	59%							

If total \$ were split on a per MWh basis (on bulk system MPWhs):  
 \$ 91.02 per MWh @ bulk system  
 \$ 83.86 per MWh @ bulk system

Ratio to All-in Cost  
(rounded to 4 decimal places)

>>>

Summer  
Winter

1.0504  
0.9579

Assumptions:

- Gen Cost = \$ 157.63 per MWh-day summer
- Trans cost = \$ 157.63 per MWh-day winter
- Auxiliary Services = \$ 21,912 per MWh-yr
- Energy Prices = \$ 3.00 per MWh
- Usage patterns = Quotes for the period June 1, 2007 to May 30, 2008 - corrected for hub-zone basis differential.
- Losses = forecasted energy use by class, on/off % from 2001 - 2003 class load profiles
- Obligations = class totals as of June 2008
- Losses = existing loss factors as approved in previous LEAC cases
- PJM Time Periods = PJM trading time periods - 7 AM to 11 PM weekdays, local time, x NERC holidays
- New Year's, Memorial, 4th of July, Labor Day, Thanksgiving & Christmas



# ATTACHMENT 3

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IN THE MATTER OF THE PROVISION OF  
BASIC GENERATION SERVICE FOR THE  
DocketNo.EO09050351  
PERIOD BEGINNING JUNE 1, 2010

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**ATLANTIC CITY ELECTRIC COMPANY**

**BASIC GENERATION SERVICE  
COMMENCING JUNE 1, 2010**

**COMPANY-SPECIFIC ADDENDUM  
COMPLIANCE FILING  
November 24, 2009**

**Atlantic City Electric Company**  
 Calculation of June 2010 to May 2011 BGS-FP Rates  
 based on results of February 2010 BGS FP Auction

**Table A Auction Results**

line #	Payment Identifier >>	remaining portion of 36 month bid - 2008/9 filing	remaining portion of 36 month bid - 2009/10 filing	remaining portion of 36 month bid - 2010/11 filing	Notes:
1	Winning Bid - in \$/MWh	\$ 116.50	\$ 105.36	\$ 105.36	winning Bids
2	# of Traunches for Bid	8	7	7	from then current Bid
3	Total # of Traunches	22	22	22	from then current Bid
<b>Payment Factors</b>					
4	Summer	1.0792	1.0818	1.0504	from then current Bid Factor Spreadsheet
5	Winter	0.9493	0.9473	0.9679	from then current Bid Factor Spreadsheet
<b>Applicable Customer Usage @ bulk system - in MWh</b>					
6	Summer MWh	3,497,936			from current Bid Factor Spreadsheet
7	Winter MWh	5,495,885			
<b>Total Payment to Suppliers - in \$1000</b>					
8	Summer	\$ 159,922	\$ 126,856	\$ 123,174	= (1) * (2)/(3) * (4) * (6)
9	Winter	\$ 221,021	\$ 174,532	\$ 178,328	= (1) * (2)/(3) * (5) * (7)
10	Total	\$ 380,943	\$ 301,388	\$ 301,501	
<b>Average Payment to Suppliers - in \$/MWh</b>					
11	Summer	\$ 117.20			= sum(line 8) / (6) - rounded to 2 decimal places
12	Winter	\$ 104.42			= sum(line 9) / (7) - rounded to 2 decimal places
13	Total weighted average	\$ 109.39	<<< used in calculation of Customer Rates		= sum(line 10) / [(6) + (7)] rounded to 2 decimal places
<b>Reconciliation of amounts - in \$1000</b>					
14	Weighted avg * Total MWh =	\$ 983,834			= (13) * [(6)+(7)] / 1000
15	Total Payment to Suppliers =	\$ 983,833			= sum (line 10)
16	Difference =	\$ 1			= line (14) - line (15)

**Atlantic City Electric Company**  
**Calculation of June 2010 to May 2011 BGS-FP Rates**  
 based on results of February 2010 BGS FP Auction

**Table B**      **Ratio of BGS Unit Costs @ customer to All-In Average Cost @ bulk system**      *from Table #14 of the bid factor spreadsheet — round to 3 decimal places*

	RS	RS TOU - BGS	MGS - SEC	MGS - PRI	AGS - SEC	AGS - PRI	SPL/CSL	DDC	Total
Summer - all hrs		1.36 On-Peak 1.711 Off-Peak 0.795	1.111	1.001	1.08	0.914	0.772	0.971	
All usage Multiplier Constant Constant	1.167 (3.400) 5.252								
Winter - all hrs	1.095	1.204 1.411 0.749	1.025	0.964	0.982	0.800	0.724	0.872	
Annual - all hrs	1.124	1.074	1.059	0.986	1.017	0.841	0.737	0.906	

**Table C**      **Preliminary Resulting BGS Rates (in cents per kWh) - equal to bid factors times weighted average bid price rounded to 4 decimal places**

	RS	RS TOU - BGS	MGS - SEC	MGS - PRI	AGS - SEC	AGS - PRI	SPL/CSL	DDC
Summer - all hrs		14.8770 18.7166 8.6965	12.1532	10.9499	11.8141	9.9982	8.4449	10.6218
for Block 1 (0-750 kWh/m) usage for Block 2 (>750 kWh/m) usage	12.4258 13.2910							
Winter - all hrs	11.9782	13.1706 15.4349 8.1933	11.2125	10.5452	10.7421	8.7512	7.9198	9.5388

Atlantic City Electric Company  
 Calculation of June 2010 to May 2011 BGS-FP Rates  
 based on results of February 2010 BGS FP Auction

Table D Revenue Recovery Calculations - Reconciliation of seasonal Customer Revenue and Supplier Payments, based on actual anticipated revenues and payments

	RS	RS TOU - BGS	MGS - SEC	MGS - PRI	AGS - SEC	AGS - PRI	SPL/CSL	DDC
Total Rate Revenue - in \$1000								
Summer	\$ 224,543	\$ 152	\$ 72,667	\$ 1,343	\$ 81,960	\$ 18,856	\$ 1,979	\$ 478
Winter	\$ 314,320	\$ 280	\$ 100,285	\$ 860	\$ 130,454	\$ 29,988	\$ 4,782	\$ 835
Total	\$ 538,863	\$ 432	\$ 172,951	\$ 2,202	\$ 212,414	\$ 48,844	\$ 6,761	\$ 1,313
Total Summer	\$ 401,977							
Total Winter	\$ 581,803							
Grand Total	\$ 983,780							

Total Supplier Payment - in \$1000

Summer	\$ 408,951
Winter	\$ 573,882
Total	\$ 983,833

Differences - in \$1000

Summer	\$ 7,974
Winter	\$ (7,922)
Total	\$ 53

kWh Rate Adjustment Factors	rounded to 5 decimal places
1.01984	
0.98638	

% difference	1.9452%
	-1.3804%
	0.0054%

Note: These differences are due to rounding and seasonal differences in Bidder Payments (which are based on prior winning bids and Seasonal Payment Factors) and current Rates (based on current seasonal market differentials)

**Atlantic City Electric Company**  
 Calculation of June 2010 to May 2011 BGS-FP Rates  
 based on results of February 2010 BGS FP Auction

**Table E** Final Resulting BGS Rates (in cents per kWh) - with preliminary kWh rates adjusted by the kWh Rate Adjustment Factor rounded to 4 decimal places

includes energy, G&T obligations, and Ancillary Services - adjusted to billing time periods

	RS	RS TOU - BGS	MGS - SEC	MGS - PRI	AGS - SEC	AGS - PRI	SPL/CSL	DDC
Summer - all hrs		15.1722	12.3943	11.1671	12.0485	10.1966	8.6124	10.8325
On-Peak		19.0879						
Off-Peak		8.8690						
for Block 1 (0-750 kWh/m) usage	12.6723							
for Block 2 (>750 kWh/m) usage	13.5547							
Winter - all hrs	11.8151	12.9972	11.0598	10.4016	10.5958	8.6320	7.8119	9.4089
On-Peak		15.2247						
Off-Peak		8.0817						

**Table F** Spreadsheet Error Checking - Checking of seasonal Customer Revenue and Supplier Payments, based on final actual anticipated revenues and payments

	RS	RS TOU - BGS	MGS - SEC	MGS - PRI	AGS - SEC	AGS - PRI	SPL/CSL	DDC
Total Rate Revenue - in \$1000								
Summer	\$ 228,998	\$ 155	\$ 74,108	\$ 1,369	\$ 83,586	\$ 19,230	\$ 2,018	\$ 487
Winter	\$ 310,040	\$ 276	\$ 98,919	\$ 848	\$ 128,677	\$ 29,580	\$ 4,716	\$ 824
Total	\$ 539,037	\$ 431	\$ 173,027	\$ 2,217	\$ 212,263	\$ 48,810	\$ 6,735	\$ 1,311
Total Summer	\$ 409,951							
Total Winter	\$ 573,880							
Grand Total	\$ 983,832							
Total Supplier Payment - in \$1000								
Summer	\$ 409,951							
Winter	\$ 573,882							
Total	\$ 983,833							
Differences - in \$1000								
Summer	\$ 1							
Winter	\$ (1)							
Total	\$ (1)							