

Description of EDC Data and Documents Subject to Monthly Updates Posted to the BGS Data Room

Revised 9-16-2011

This document provides descriptions of EDC data posted to the BGS Data Room.

This document refers only to those items that are updated monthly. A companion document posted to the “Additional Data” page of the BGS Data Room for less frequently updated items provides data descriptions for those data sets.

CIEP Line

CIEP (Commercial and Industrial Electric Pricing) customers are retail customers:

- *who are taking BGS-CIEP; or*
- *who are served by a Third Party Supplier but who, were they to take BGS, would be served under a CIEP tariff or rate.*

The New Jersey Board of Public Utilities (Board) decides on the CIEP Line: the Board decides which rate classes, or which customers within a given rate class (based on a peak load contribution criterion) will be served under a CIEP tariff rather than an FP tariff should the customers take BGS. Currently, all customers in certain rate classes, and all non-residential customers of 750 kW and greater in other rate classes are served under a CIEP tariff should these customers take BGS.

Table 1 shows the CIEP definition currently in effect for the period June 1, 2011 to present.

Table 2 shows the CIEP definition in effect for the period June 1, 2007 to May 31, 2011.

Table 3 shows the CIEP definition in effect June 1, 2005 to May 31, 2007.

Table 4 shows the CIEP definition in effect June 1, 2004 to May 31, 2005.

Table 5 defines the CIEP definition in effect August 1, 2003 to May 31, 2004.

CIEP customers include FP customers who “opt in” to BGS-CIEP. An FP customer who

- is a commercial or industrial customer, and
- is appropriately metered,

can elect to take BGS on a CIEP tariff. The FP customer notifies its EDC by the second business day in January and the election takes effect on June 1 for one year. A file named BGS-CIEP Opt-Ins, posted in the “Additional Data” page of the BGS Data Room, provides a count of customers who have opted-in to BGS-CIEP.

CIEP Line Used in Monthly Data

Data series from August 2003 onward use a contemporaneous definition of the CIEP Line. That is:

- Data series from August 2003 to May 2004 use the CIEP definition in effect at the time;
- Data series from June 2004 to May 2005 use the CIEP definition in effect June 1, 2004 to May 31, 2005;
- Data series from June 2005 to May 2007 use the CIEP definition in effect June 1, 2005 to May 31, 2007.
- Data series from June 2007 to May 2011 use the CIEP definition in effect June 1, 2007 to May 31, 2011.
- Data series beginning June 1, 2011 will use the CIEP definition in effect on June 1, 2011.

Please note: Data series from July 2003 and before use the CIEP Line in effect during the period August 2003 to May 2004.

Treatment of Losses in Monthly Data

All hourly load data series pre- and post-June 1, 2007 include both transmission as well as distribution losses.

As noted at the end of this document, all data in the BGS Data Room are provided for informational purposes only. The EDCs have compiled the data in good faith from sources believed by the EDCs to be reliable but do not warrant the accuracy of the data. It is the responsibility of bidders who use these posted data to determine whether and how they should be applied; by utilizing the data, prospective auction participants assume all risk associated therewith.

File Naming Convention

BGS-CIEP means all retail customers who take BGS on a CIEP tariff.

BGS-CIEP eligible means customers who take BGS-CIEP, and customers who are served by Third Party Suppliers but who, were they to take BGS, would be served under a CIEP tariff.

BGS-FP means all retail customers who take BGS on an FP tariff.

BGS-FP eligible means customers who take BGS-FP, and customers who are served by Third Party Suppliers but who, were they to take BGS, would be served under an FP tariff.

Description of Data Series

The descriptions below follow the order and structure of the “Monthly Data” page of the BGS Data Room.

Aggregate

Note on 500 kV losses prior to June 1, 2007: ACE had allocated PJM 500 kV losses between BGS-FP load and loads of non-interval meter customers served by a Third Party Supplier, while PSE&G, JCP&L and RECO had assigned all 500 kV losses to BGS-FP load. On June 1, 2006 PSE&G began assigning 500 kV losses to BGS-FP and BGS-CIEP load.

Note on hourly load data: All hourly load data from June 1, 2007 forward must be adjusted by the Hourly De-Ration Factors in order to achieve settlement loads.

Note on PLA data: All PLA data except for JCP&L is not adjusted by the Daily Zonal Scaling Factor.

Total Retail Hourly Load – Zonal load (all customers) less all wholesale customer load.

Total Retail Peak Load Allocations – Daily capacity and transmission peak load allocation for all retail load (including load served by Third Party Suppliers). Retail allocations equal the total zonal peak allocations less the peak allocations for wholesale customers.

Total BGS Hourly Load – Zonal load (all customers) less all wholesale load and less all load served by Third Party Suppliers, adjusted for loss factors. BGS Hourly Load is equal to Retail Hourly Load less load served by Third Party Suppliers.

Total BGS Peak Load Allocations – Daily capacity and transmission peak load allocation for the total BGS load. The capacity and transmission peak load allocations are equal to the aggregate zonal allocations less wholesale and Third Party Suppliers’ capacity and transmission peak load allocations.

Switching Statistics – Percentage of customers and load that have switched to a Third Party Supplier on a residential / non-residential basis as provided to the NJ BPU is provided historically from December 2002 through July 2010. Starting in August 2010, the NJ BPU requested that more granular switching data be provided. Since then, the switching data provided is the percentage of customers and load that have switched to a Third Party Supplier sorted by customer size categorized as follows: Residential (<500 kW) and Commercial & Industrial (<500 kW, 500-750 kW, 750-1000 kW and >1,000 kW).

CIEP

BGS-CIEP Eligible Hourly Load – Hourly load grossed up by the applicable loss expansion factor for customers taking BGS-CIEP and for customers being served by Third Party Suppliers that would take BGS on a CIEP tariff.

Note on BGS-CIEP Eligible Hourly Load for JCP&L: The data posted by JCP&L requires a correction for the period of June 2004 to May 2011. JCP&L's CIEP Eligible hourly load excludes the load of customers over the CIEP line in effect for a given date on the GS and GST rate classes. Hence, the BGS-CIEP Eligible hourly load is somewhat understated and the BGS-FP Eligible Load is somewhat overstated. In the Additional Data section of the BGS Data Room, the hourly loads for GS and GST customers over the CIEP line in effect on a given date from June 2004 to May 2011 are provided on a monthly basis. Adjusting the BGS-CIEP Eligible load up by these values and the BGS-FP Eligible load down by these values will correct for the exclusion of this load from BGS CIEP-Eligible load data. After June 1, 2011, JCP&L's CIEP Eligible hourly load no longer excludes the load of customers over 750 kW on the GS and GST rate classes.

BGS-CIEP Eligible Peak Load Allocations – Daily capacity and transmission peak load allocations for the BGS-CIEP-eligible customers. The data represent the EDC allocations as reported to PJM for customers taking BGS-CIEP and for customers being served by Third Party Suppliers that would take BGS on a CIEP tariff.

BGS-CIEP Hourly Load – Hourly metered load grossed up by the applicable loss expansion factor for customers taking BGS-CIEP at the given time.

BGS-CIEP Peak Load Allocations – Daily capacity and transmission peak load allocations for BGS-CIEP load. The data represent the EDC allocations for customers taking BGS-CIEP at the given time.

BGS-CIEP Switching Statistics – Percentage and load of customers taking BGS-CIEP and of customers being served by Third Party Suppliers that would take BGS on a CIEP tariff that have switched to a Third Party Supplier..

FP

BGS-FP Eligible Hourly Load – Derived as Total Retail Hourly Load less BGS-CIEP Eligible Hourly Load. This is the hourly load including losses for customers taking BGS-FP and for customers being served by Third Party Suppliers that would take BGS on a FP tariff.

Note on BGS-FP Eligible Hourly Load for JCP&L: The data posted by JCP&L requires a correction for the period of June 2004 to May 2011. JCP&L's FP Eligible hourly load includes the load of customers over the CIEP line in effect for a given date on the GS and GST rate classes. Hence, the BGS-CIEP Eligible hourly load is somewhat understated and the BGS-FP Eligible Load is somewhat overstated. In the Additional Data section of the BGS Data Room, the hourly loads for GS and GST customers over the CIEP line in effect on a given date from June 2004 to May 2011 are provided on a monthly basis. Adjusting the BGS-CIEP Eligible load up by these values and the BGS-FP Eligible load down by these values will correct for the exclusion of this load from BGS CIEP-Eligible load data. After June 1, 2011, JCP&L's FP Eligible hourly load no longer includes the load of customers over 750 kW on the GS and GST rate classes.

BGS-FP Eligible Peak Load Allocations – Derived as the greater of: the Total Retail Peak Load Allocation less BGS-CIEP Eligible Peak Load Allocation; and: the Total BGS Peak Load Allocation less BGS-CIEP Peak Load Allocation. This is the daily capacity and the daily estimate of transmission

peak load allocations corresponding for customers taking BGS-FP and for customers being served by Third Party Suppliers that would take BGS on a FP tariff.

BGS-FP Hourly Load – Derived as Total BGS Hourly Load less BGS-CIEP Hourly Load. This is the hourly load including losses for customers taking BGS-FP at the given time.

BGS-FP Peak Load Allocations – Derived as Total BGS Peak Load Allocation less BGS-CIEP Peak Load Allocation. This is the daily capacity and transmission peak load allocation for customers taking BGS-FP at the given time.

Switching Statistics for BGS-FP eligible <750 kW customers – Data tables for each EDC showing summary size distribution information of customers taking BGS-FP with a peak load share of less than 750 kW and of customers being served by Third Party Suppliers that would take BGS on an FP tariff with a peak load share of less than 750 kW.

Miscellaneous Files

Hourly De-Rating Factors – Hourly factors used by PJM for settlement purposes to de-rate or scale down load to adjust for certain transmission and other high voltage losses that starting June 1st, 2007 have been accounted for in locational marginal prices as per PJM's implementation of its marginal loss methodology.

Scaling Factor – Daily Load Scaling Factor used to scale the uploaded Load Serving Entity Obligation Peak Load values to the fixed Obligation Peak Load Allocation of the EDC PJM Zone in the event that the Obligation Peak Load values uploaded to PJM by the EDC do not exactly sum to the Annual Peak Load Allocation for the EDC PJM Zone.

Historical

Data prior to June 1, 2008 for the series updated monthly.

Use of Data

These data items are provided by the EDCs for informational purposes only. The EDC have compiled the data in good faith from sources believed by the EDCs to be reliable but do not warrant the accuracy of the data. By use of these data, prospective auction participants agree to assume all risks associated therewith. Further, there is no representation that these data are indicative of future outcomes. Without limitation of the foregoing, prospective bidders should carefully assess the uncertainty associated with future load obligations, including variations in customer usage, migration to Third Party Suppliers, and expansion of the CIEP class after May 31, 2011.

Table 1: The CIEP Line from June 1, 2011

EDC	Rate Class	Customers Included	Description
PSE&G	High Tension Service (HTS–HV)	All	General purposes at high voltages
	High Tension Service (HTS–Sub)	All	General purposes at sub–transmission voltages
	Large Power and Lighting, Primary Service (LPL–P)	All	General purposes at primary distribution voltages
	Large Power and Lighting, Secondary Service (LPL–S)	Customers 750 kW or greater	General purposes at secondary distribution voltages
JCP&L	General Service Primary (GP)	All	General purposes at primary distribution voltages
	General Service Transmission (GT)	All	General purposes at transmission Voltages
		All	High Tension Service
	General Service Secondary (GS)	Customers 750 kW or greater	General purposes at secondary distribution voltages
	General Service Secondary Time–of–Day (GST)	Customers 750 kW or greater	General purposes at secondary distribution voltages
ACE	Transmission General Service	All	General purposes at high
	Annual General Service – Primary (AGS – Primary)	Customers 750 kW or greater	General purposes at primary distribution voltages
	Annual General Service – Secondary (AGS – Secondary)	Customers 750 kW or greater	General purposes at secondary distribution voltages
	Monthly General Service Primary (MGS – Primary)	Customers 750 kW or greater	General purposes at primary distribution voltages
	Monthly General Service Secondary (MGS – Secondary)	Customers 750 kW or greater	General purposes at secondary distribution voltages
RECO	Service Classification No. 7 – Primary TOU Service and Separately Metered Space Heating Service	All	Primary service customers with demands exceeding 1,000 kW
	Service Classification No. 2 – General Service	Customers 750 kW or greater	General primary and secondary service

Table 2: The CIEP Line June 1, 2007 to May 31, 2011

EDC	Rate Class	Customers Included	Description
PSE&G	High Tension Service (HTS–HV)	All	General purposes at high voltages
	High Tension Service (HTS–Sub)	All	General purposes at sub–transmission voltages
	Large Power and Lighting, Primary Service (LPL–P)	All	General purposes at primary distribution voltages
	Large Power and Lighting, Secondary Service (LPL–S)	Customers 1000 kW or greater	General purposes at secondary distribution voltages
JCP&L	General Service Primary (GP)	All	General purposes at primary distribution voltages
	General Service Transmission (GT)	All	General purposes at transmission Voltages
		All	High Tension Service
	General Service Secondary (GS)	Customers 1000 kW or greater	General purposes at secondary distribution voltages
	General Service Secondary Time–of–Day (GST)	Customers 1000 kW or greater	General purposes at secondary distribution voltages
ACE	Transmission General Service	All	General purposes at high
	Annual General Service – Primary (AGS – Primary)	Customers 1000 kW or greater	General purposes at primary distribution voltages
	Annual General Service – Secondary (AGS – Secondary)	Customers 1000 kW or greater	General purposes at secondary distribution voltages
	Monthly General Service Primary (MGS – Primary)	Customers 1000 kW or greater	General purposes at primary distribution voltages
	Monthly General Service Secondary (MGS – Secondary)	Customers 1000 kW or greater	General purposes at secondary distribution voltages
RECO	Service Classification No. 7 – Primary TOU Service and Separately Metered Space Heating Service	All	Primary service customers with demands exceeding 1,000 kW
	Service Classification No. 2 – General Service	Customers 1000 kW or greater	General primary and secondary service

Table 3: The CIEP Line June 1, 2005 to May 31, 2007

EDC	Rate Class	Customers Included	Description
PSE&G	High Tension Service (HTS–HV)	All	General purposes at high voltages
	High Tension Service (HTS–Sub)	All	General purposes at sub–transmission voltages
	Large Power and Lighting, Primary Service (LPL–P)	All	General purposes at primary distribution voltages
	Large Power and Lighting, Secondary Service (LPL–S)	Customers 1,250 kW or greater	General purposes at secondary distribution voltages
JCP&L	General Service Primary (GP)	All	General purposes at primary distribution voltages
	General Service Transmission (GT)	All	General purposes at transmission voltages
		All	High Tension Service
	General Service Secondary (GS)	Customers 1,250 kW or greater	General purposes at secondary distribution voltages
	General Service Secondary Time–of–Day (GST)	Customers 1,250 kW or greater	General purposes at secondary distribution voltages
ACE	Transmission General Service (TGS)	All	General purposes at high voltages
	Annual General Service – Primary (AGS – Primary)	Customers 1,250 kW or greater	General purposes at primary distribution voltages
	Annual General Service – Secondary (AGS – Secondary)	Customers 1,250 kW or greater	General purposes at secondary distribution voltages
	Monthly General Service Primary (MGS – Primary)	Customers 1,250 kW or greater	General purposes at primary distribution voltages
	Monthly General Service Secondary (MGS – Secondary)	Customers 1,250 kW or greater	General purposes at secondary distribution voltages
RECO	Service Classification No. 7 – Primary TOU Service and Separately Metered Space Heating Service	All	Primary service customers with demands exceeding 1,000 kW
	Service Classification No. 2 – General Service	Customers 1,250 kW or greater	General primary and secondary service

Table 4: The CIEP Line June 1, 2004 to May 31, 2005

EDC	Rate Class	Customers Included	Description
PSE&G	High Tension Service (HTS–HV)	All	General purposes at high voltages
	High Tension Service (HTS–Sub)	All	General purposes at sub–transmission voltages
	Large Power and Lighting, Primary Service (LPL–P)	All	General purposes at primary distribution voltages
	Large Power and Lighting, Secondary Service (LPL–S)	Customers 1,500 kW or greater	General purposes at secondary distribution voltages
JCP&L	General Service Primary (GP)	All	General purposes at primary distribution voltages
	General Service Transmission (GT)	All	General purposes at transmission voltages
		All	High Tension Service
	General Service Secondary (GS)	Customers 1,500 kW or greater	General purposes at secondary distribution voltages
	General Service Secondary Time–of–Day (GST)	Customers 1,500 kW or greater	General purposes at secondary distribution voltages
ACE	Transmission General Service (TGS)	All	General purposes at high voltages
	Annual General Service – Primary (AGS–Primary)	Customers 1,500 kW or greater	General purposes at primary distribution voltages
	Annual General Service – Secondary (AGS–Secondary)	Customers 1,500 kW or greater	General purposes at secondary distribution voltages
	Monthly General Service Primary (MGS – Primary)	Customers 1,500 kW or greater	General purposes at primary distribution voltages
	Monthly General Service Secondary (MGS – Secondary)	Customers 1,500 kW or greater	General purposes at secondary distribution voltages
RECO	Service Classification No. 7 – Primary TOU Service and Separately Metered Space Heating Service	All	Primary service customers with demands exceeding 1,000 kW
	Service Classification No. 2 – General Service	Customers 1,500 kW or greater	General primary and secondary service

Table 5: The CIEP Line August 1, 2003 to May 31, 2004

EDC	Rate Class	Customers Included	Description
PSE&G	High Tension Service (HTS–HV)	All	General purposes at high voltages
	High Tension Service (HTS–Sub)	All	General purposes at sub–transmission voltages
	Large Power and Lighting, Primary Service (LPL–P)	All	General purposes at primary distribution voltages.
JCP&L	General Service Primary (GP)	All	General purposes at primary distribution voltages
	General Service Transmission (GT)	All	General purposes at transmission voltages
		All	High Tension Service
ACE	Transmission General Service (TGS)	All	General purposes at high voltages
RECO	Service Classification No. 7 – Primary TOU Service and Separately Metered Space Heating Service	All	Primary service customers with demands exceeding 1,000 kW