

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

Revised 9-17-2009

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

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.

Table 1 shows the CIEP definition currently in effect as of June 1, 2007. All customers in given rate classes, and all non residential customers 1000 kW and greater in other rate classes are served under a CIEP tariff should these customers take BGS. The Board may change the CIEP line for the period starting June 1, 2010.

Table 2 shows the CIEP definition in effect June 1, 2005 to May 31, 2007.

Table 3 shows the CIEP definition in effect June 1, 2004 to May 31, 2005.

Table 4 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 BGSCIEP.

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.
- Data series from June 2007 to May 2010 use the CIEP definition in effect June 1, 2007.

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 1st, 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.

Historical

Data prior to June 1, 2005 for the series updated monthly, excluding switching statistics.

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.

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.

Hourly De-Ration 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.

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.

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.

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. This is data as provided to the NJ BPU.

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.

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 BGSCIEP 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.

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, 2007.

Table 1: The CIEP Line as of June 1, 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 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 2: The CIEP Line as of June 1, 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 1250 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 1250 kW or greater	General purposes at secondary distribution voltages
	General Service Secondary Time–of–Day (GST)	Customers 1250 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 1250 kW or greater	General purposes at primary distribution voltages
	Annual General Service – Secondary (AGS – Secondary)	Customers 1250 kW or greater	General purposes at secondary distribution voltages
	Monthly General Service Primary (MGS – Primary)	Customers 1250 kW or greater	General purposes at primary distribution voltages
	Monthly General Service Secondary (MGS – Secondary)	Customers 1250 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 1250 kW or greater	General primary and secondary service

Table 3: 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 1500 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 1500 kW or greater	General purposes at secondary distribution voltages
General Service Secondary Time–of–Day (GST)	Customers 1500 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 1500 kW or greater	General purposes at primary distribution voltages
	Annual General Service – Secondary (AGS–Secondary)	Customers 1500 kW or greater	General purposes at secondary distribution voltages
	Monthly General Service Primary (MGS – Primary)	Customers 1500 kW or greater	General purposes at primary distribution voltages
	Monthly General Service Secondary (MGS – Secondary)	Customers 1500 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 1500 kW or greater	General primary and secondary service

Table 4: 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