

Morgan, Lewis & Bockius LLP
89 Headquarters Plaza North
Suite 1435
Morristown, NJ 07960
Fax: 877.432.9652
www.morganlewis.com

Morgan Lewis

C O U N S E L O R S A T L A W

A Pennsylvania Limited Liability Partnership

ROBERT A. WHITE
Partner-in-Charge

Marc B. Lasky
973.993.3133
mlasky@MorganLewis.com

December 11, 2009

VIA HAND DELIVERY

Kristi Izzo, Secretary
Board of Public Utilities
Two Gateway Center
Newark, NJ 07102

Re: In the Matter of the Provision of Basic Generation Service for Year Two of the Post-Transition Period
BPU Docket No. EO03050394; and
In the Matter of the Provision of Basic Generation Service for the Period Beginning June 1, 2007
BPU Docket No. EO06020119; and
In the Matter of the Provision of Basic Generation Service for the Period Beginning June 1, 2008
BPU Docket No. ER07060379; and
In the Matter of the Provision of Basic Generation Service for the Period Beginning June 1, 2009
BPU Docket No. ER08050310

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Compliance Tariff Filing Reflecting Changes to Schedule 12 Charges in PJM Open Access
Transmission Tariff Docket No. _____

Dear Secretary Izzo:

This letter (original and 11 copies) is filed with the Board of Public Utilities ("Board") on behalf of Atlantic City Electric Company ("ACE"), Jersey Central Power & Light Company ("JCP&L") and Rockland Electric Company ("RECO" and, collectively with ACE and JCP&L, the "EDCs"). Enclosed please find copies of tariff sheets proposed by each of the EDCs and revised to reflect changes to the PJM Open Access Transmission Tariff ("OATT") made in response to (i) the annual formula rate update filing made by Public Service Electric Service and Gas Company ("PSE&G") in Federal Energy Regulatory Commission ("FERC") Docket No. ER09-1257; (ii) the annual formula rate update filing made by Potomac-Appalachian

Transmission Highline, L.L.C. ("PATH") in FERC Docket No. ER08-386; and (iii) the annual formula rate update filing made by Virginia Electric Power Company ("VEPCo") in FERC Docket No. ER10-068.

In its Order dated October 22, 2003 (BPU Docket No. EO03050394), the Board authorized the EDCs to recover FERC-approved changes in firm transmission service-related charges. The Board has also authorized recovery of FERC-approved changes in firm transmission service-related charges in subsequent Orders approving the Basic Generation Service ("BGS") supply procurement process and the associated Supplier Master Agreements ("SMAs"). In the most recent Board Order addressing the BGS supply procurement process and the associated SMAs (BPU Docket No. ER08050310), the Board discussed this issue at length and concluded that such a "pass through" of FERC-approved transmission rate changes was in the best interests of BGS customers.

The EDCs' pro-forma tariff sheets, included as **Attachment 1** (ACE), **Attachment 2** (JCP&L) and **Attachment 3** (RECO), have proposed an effective date of January 1, 2010, and specifically reflect changes to BGS rates applicable to Fixed Pricing ("BGS-FP") and Commercial and Industrial Energy Pricing ("BGS-CIEP") customers resulting from the PSE&G, PATH and VEPCo annual formula rate updates filed with FERC on or about October 7, 2009, October 15, 2009 and October 15, 2009, respectively. The specific additional PJM transmission charges related to the PSE&G, PATH and VEPCo filings are found in Schedule 12 of the PJM OATT.

These Schedule 12 charges, also defined as Transmission Enhancement Charges ("TECs") in the PJM OATT, were implemented to compensate transmission owners for the annual transmission revenue requirements for "Required Transmission Enhancements" (again, as defined in the PJM OATT) that are requested by PJM for reliability or economic purposes. TECs are recovered by PJM through an additional transmission charge in the transmission zones assigned cost responsibility for Required Transmission Enhancement projects.

The EDCs request approval to implement these revised tariff rates effective January 1, 2010. In support of this request, the EDCs have included pro-forma tariff sheets as noted above. The BGS rates have been modified in accordance with the Board-approved methodology contained in each EDC's Company-Specific Addendum in the above-referenced BGS proceedings and in conformance with each EDC's Board-approved BGS tariff sheets.

The determinants for calculation of the PJM charges are set forth in Schedule 12 of the PJM OATT and on the Formula Rates page of the PJM website.¹ **Attachment 4** shows the cost impact for the January through December 2010 period for each of the EDCs. These costs were allocated to the various transmission zones using the cost information from the formula rates for the PSE&G, PATH and VEPCo projects posted on the PJM website. The translation of the transmission zone rate impact to the BGS rates of each of the EDCs assuming

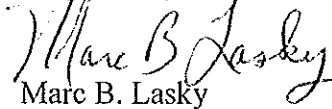
¹ See <http://www.pjm.com/markets-and-operations/transmission-service/formula-rates.aspx>.

implementation on January 1, 2010 is included as **Attachment 5**. **Attachment 6** provides the formula rate updates for PSE&G, PATH and VEPCo.

The EDCs also request that the BGS Suppliers be compensated for this increase, subject to the terms and conditions of the applicable SMAs. Any difference between payments to BGS Suppliers and charges to customers would flow through each EDC's BGS Reconciliation Charge.

This filing satisfies the requirements of §§15.9(a)(i) and (ii) of the BGS-FP and BGS-CIEP SMAs, which mandate that BGS-FP and BGS-CIEP Suppliers be notified of rate increases for firm transmission service, and that the EDC file for and obtain Board approval of an increase in retail rates commensurate with the FERC-implemented rate increase.

Respectfully submitted,


Marc B. Lasky

Attachments

cc (with attachments):

Jerome May
Frank Perrotti
Alice Bator
Stacey Peterson
Stefanie A. Brand, Director, Division of Rate Counsel
Service List (via electronic mail)

JERSEY CENTRAL POWER & LIGHT COMPANY
BGS Transmission Change Update in December 2009
BPU Docket Nos. EO03050394, EO06020119, ER07060379 and ER08050310

Service List

BPU

Alice Bator
Board of Public Utilities
Two Gateway Center, 8th Flr
Newark, NJ 07102
PHONE: 973-648-2448
FAX: 973-648-7420
alice.bator@bpu.state.nj.us

Mark Beyer
Board of Public Utilities
Two Gateway Center, 8th Flr
Newark, NJ 07102
PHONE: 973-648-3414
FAX: 973-648-4410
mark.beyer@bpu.state.nj.us

Rene Demuynck
Board of Public Utilities
44 South Clinton St., 7th Flr
Trenton, NJ 08625
PHONE: 609-777-4968
FAX: 609-
rene.demuynck@bpu.state.nj.us

Jeanne Fox, President
Board of Public Utilities
Two Gateway Center, 8th Flr
Newark, NJ 07102
PHONE: 973-648-2013
FAX: 973-648-4195
jeanne.fox@bpu.state.nj.us

John Garvey
Board of Public Utilities
Two Gateway Center, 8th Flr
Newark, NJ 07102
PHONE: 973-648-6123
FAX: 973-648-4410
john.garvey@bpu.state.nj.us

Kristi Izzo, Secretary
Board of Public Utilities
Two Gateway Center, 8th Flr
Newark, NJ 07102
PHONE: 973-648-3426
FAX: 973-648-2409
kristi.izzo@bpu.state.nj.us

Jerome May
Board of Public Utilities
Two Gateway Center, 8th Flr
Newark, NJ 07102
PHONE: 973-648-4950
FAX: 973-648-7420
jerome.may@bpu.state.nj.us

Dennis Moran
Board of Public Utilities
Two Gateway Center, 8th Flr
Newark, NJ 07102
PHONE: 973-648-7664
FAX: 973-648-2848
dennis.moran@bpu.state.nj.us

Frank Perrotti
Board of Public Utilities
Two Gateway Center, 8th Flr
Newark, NJ 07102
PHONE: 973-648-7290
FAX: 973-648-2467
frank.perrotti@bpu.state.nj.us

Stacy Peterson
Board of Public Utilities
Two Gateway Center, 8th Flr
Newark, NJ 07102
PHONE: 973-648-2143
FAX: 973-648-7420
stacy.peterson@bpu.state.nj.us

Ron Reisman
Manager of Business Outreach
Board of Public Utilities
Two Gateway Center
Newark, NJ 07102
PHONE: 973-648-3908
FAX: 973-648-3772
ronald.reisman@bpu.state.nj.us

BPU CONSULTANTS

Craig R. Roach
Boston Pacific Company, Inc.
1100 New York Avenue, NW
Suite 490 East
Washington, DC 20005
PHONE: 202-296-5520
FAX: 202-296-5531
croach@bostonpacific.com

Frank Mossburg
Boston Pacific Company, Inc.
1100 New York Avenue, NW
Suite 490 East
Washington, DC 20005
PHONE: 202-296-5520
FAX: 202-296-5531
fmossburg@bostonpacific.com

Stuart Rein
Boston Pacific Company, Inc.
1100 New York Avenue, NW
Suite 490 East
Washington, DC 20005
PHONE: 202-296-5520
FAX: 202-296-5531
srein@bostonpacific.com

DAG

Babette Tenzer, DAG
NJ Dept of Law & Public Safety
Division of Law
124 Halsey Street
PO Box 45029
Newark, NJ 07101
PHONE: 973-648-7811
FAX: 973-648-3555
babette.tenzer@dol.lps.state.nj.us

Kenneth Sheehan
NJ Dept of Law & Public Safety
Division of Law
124 Halsey Street
PO Box 45029
Newark, NJ 07101
PHONE: 973-648-7811
FAX: 973-648-3555
kenneth.sheehan@dol.lps.state.nj.us

RATE COUNSEL

Stefanie A. Brand, Director
Division of Rate Counsel
31 Clinton St., 11th Floor
Newark, NJ 07102
PHONE: 973-648-2690
FAX: 973-648-1047
sbrand@rpa.state.nj.us

Paul E. Flanagan, Esq.
Division of Rate Counsel
31 Clinton St., 11th Floor
Newark, NJ 07102
PHONE: 973-648-2690
FAX: 973-648-1047
pflanagan@rpa.state.nj.us

Kurt Lewandowski, Esq.
Division of Rate Counsel
31 Clinton St., 11th Floor
Newark, NJ 07102
PHONE: 973-648-2690
FAX: 973-648-1047
klewando@rpa.state.nj.us

Ami Morita, Esq.
Division of Rate Counsel
31 Clinton St., 11th Floor
Newark, NJ 07102
PHONE: 973-648-2690
FAX: 973-648-1047
amorita@rpa.state.nj.us

Diane Schulze, Esq.
Division of Rate Counsel
31 Clinton St., 11th Floor
Newark, NJ 07102
PHONE: 973-648-2690
FAX: 973-648-2193
dschulze@rpa.state.nj.us

Felicia Thomas-Friel, Esq.
Division of Rate Counsel
31 Clinton St., 11th Floor
Newark, NJ 07102
PHONE: 973-648-2690
FAX: 973-648-2193
ftomas@rpa.state.nj.us

RATE COUNSEL CONSULTANTS

Bruce Biewald
Synapse Energy Economics, Inc.
22 Pearl Street
Cambridge, MA 02139
PHONE:
FAX:
bbiewald@synapse-energy.com

Robert Fagan
Synapse Energy Economics, Inc.
22 Pearl Street
Cambridge, MA 02139
PHONE:
FAX:
rfagan@synapse-energy.com

PSE&G

Frances I. Sundheim, Esq.
Public Service Electric & Gas Co.
80 Park Plaza, T-8
Newark, NJ 07101
PHONE: 973-430-6928
FAX: 973-648-0838
frances.sundheim@pseg.com

Tony Robinson, Esq.
Public Service Electric & Gas Co.
80 Park Plaza, T-8
Newark, NJ 07101
PHONE: 973-430-6154
FAX: 973-
anthony.robinson@pseg.com

Steve Huber, Esq.
Public Service Electric & Gas Co.
80 Park Plaza, T-8
Newark, NJ 07101
PHONE: 973-430-5860
FAX:
steven.huber@pseg.com

ATLANTIC CITY ELECTRIC

Joseph Janocha
Regulatory Affairs
Atlantic City Electric - 63ML38
5100 Harding Highway
Mays Landing, NJ 08330
PHONE: 609-625-5868
FAX: 609-625-5838
joseph.janocha@pepcoholdings.com

Gregory R. Marquis
Pepco Holdings, Inc.
701 Ninth Street NW
Washington, DC 20068-0001
PHONE: 202-872-2297
FAX: 202-872-2270
gmarquis@pepco.com

Philip J. Passanante
Atlantic City Electric - 89KS42
800 King Street, 5th Floor
PO Box 231
Wilmington, DE 19899-9231
PHONE: 302-429-0231
FAX: 302-429-3801
philip.passanante@pepcoholdings.com

Peter Schaub
Pepco Holdings, Inc.
701 Ninth Street NW
Washington, DC 20068-0001
PHONE: 202-872-3044
FAX: 202-872-2270
peschaub@pepco.com

JCP&L

Kevin Connelly
Jersey Central Power & Light Co.
300 Madison Ave.
PO Box 1911
Morristown, NJ 07962-1911
PHONE: 973-401-8708
FAX: 973-644-4243
kconnelly@firstenergycorp.com

JERSEY CENTRAL POWER & LIGHT COMPANY
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BPU Docket Nos. EO03050394, EO06020119, ER07060379 and ER08050310

Service List

Michael J. Filippone
Jersey Central Power & Light Co.
300 Madison Ave.
PO Box 1911
Morristown, NJ 07962-1911
PHONE: 973-401-8991
FAX: 973-644-4243
mfilippone@firstenergycorp.com

Sally J. Cheong
Jersey Central Power & Light Co.
300 Madison Ave.
PO Box 1911
Morristown, NJ 07962-1911
PHONE: 973-401-8699
FAX: 973-644-4243
scheong@firstenergycorp.com

Marc Lasky, Esq.
Morgan, Lewis & Bockius LLP
89 Headquarters Plaza North
Suite 1435
Morristown, NJ 07960
PHONE: 973-993-3133
FAX: 877-432-9652
mlasky@morganlewis.com

Larry Sweeney
Jersey Central Power & Light Co.
300 Madison Ave.
PO Box 1911
Morristown, NJ 07962-1911
PHONE: 973-401-8697
FAX: 973-644-4243
lsweeney@firstenergycorp.com

Jim O'Toole
Jersey Central Power & Light Co.
300 Madison Ave.
PO Box 1911
Morristown, NJ 07962-1911
PHONE: 973-401-8296
FAX: 973-644-4243
jotoole@firstenergycorp.com

Gary Pleiss
Jersey Central Power & Light Co.
2800 Pottsville Pike
Reading, PA 19605
PHONE: 610-921-6417
FAX: 330-315-9059
gpleiss@firstenergycorp.com

ROCKLAND

John L. Carley, Esq.
Consolidated Edison Co. of NY
Law Dept., Rm.1815-S
4 Irving Place
New York, NY 10003
PHONE: 212-460-2097
FAX: 212-677-5850
carleyj@coned.com

James C. Meyer, Esq.
Riker, Danzig, Scherer, Hyland & Perretti
Headquarters Plaza
One Speedwell Ave.
Morristown, NJ 07962
PHONE: 973-451-8464
FAX: 973-538-0800
jmeyer@riker.com

Rickey Joe
Rockland Electric
4 Irving Place – 2nd Floor
New York, NY 10003
PHONE: 212-460-4995
FAX:
joer@coned.com

William A. Atzl, Jr.
Rockland Electric
4 Irving Place – 2nd Floor
New York, NY 10003
PHONE: 212-460-3308
FAX:
atzlw@coned.com

NERA

Gene Meehan
NERA Economic Consulting
1255 23rd St. NW
Washington, DC 20037
PHONE: 973-297-0880
FAX: 973-297-0246
gene.meehan@NERA.com

Chantale LaCasse
NERA Economic Consulting
1255 23rd St. NW
Washington, DC 20037
PHONE: 973-297-0880
FAX: 973-297-0246
chantale.lacasse@NERA.com

MARKETERS

RESA
Murray E. Bevin, Esq.
Bevan, Mosca, Giuditta & Zarillo, PC
776 Mountain Blvd., Suite 202
Watchung, NJ 07069
PHONE: 908-753-8300
FAX: 908-753-8301
mbevan@bmglaw.com

Timothy Daniels
Constellation NewEnergy
810 Seventh Ave., Suite 400
New York, NY 10019-5818
PHONE: 212-885-6454
FAX: 212-883-5888
timothy.daniels@constellation.com

SueAnne I. Harrel
Pepco Energy Service
39 Crestview Drive
Clinton, NJ 08990
PHONE: 908-638-6605
FAX: 908-638-6606
sharrel@pepcoenergy.com

Dale Kanterman
Eastern Energy Services
4 Ridge Rd.
Southampton, NJ 08088-3505
PHONE:
FAX:
assist@easterenergyservices.com

Jay Kooper
Amerada Hess
One Hess Plaza
Woodbridge, NJ 07095
PHONE: 732-750-7048
FAX:
jkooper@hess.com

Dana Swieson
EPEX
717 Constitutional Dr.
Suite 110
Exton, PA 19341
PHONE:
FAX:
dana.swieson@epex.cc

Mark S. Kumm
Pepco Energy Services, Inc.
1300 N. 17th, Suite 1600
Arlington, VA 22209
PHONE: 703-253-1651
FAX: 703-253-1697
mkumm@pepcoenergy.com

Stacey Rantala
National Energy marketers Assoc.
333 K Street, NW, Suite 110
Washington, DC 20007
Phone: 202-333-3288
FAX: 202-333-3266
srantala@energymarketers.com

Marc A. Hanks
Senior Manager, Government & Regulatory Affairs
Direct Energy Services, LLC
PHONE: 413-642-3575
FAX:
marc.hank@directenergy.com

David B. Applebaum
Director, Regulatory Affairs
NextEra Energy Resources, LLC
21 Pardee Place
Ewing, NJ 08628
PHONE: 609-771-0894
daivd.applebaum@nexteraenergy.com

Kathleen Maher
Constellation NewEnergy
810 Seventh Ave., Suite 400
New York, NY 10019-5818
PHONE: 212-885-6422
FAX: 212-883-5888
kathleen.maher@constellation.com

Bob Blake
VP Elec. Operations & Regulatory Affairs
MXenergy
10010 Junction Dr., Suite 104S
Annapolis Junction, MD 20701
PHONE: 240-456-0505 ext.5513
FAX: 240-456-0510
rblake@mxenergy.com

NJLEUC

Paul F. Forshay, Partner
SUTHERLAND
1275 Pennsylvania Ave., NW
Washington, DC 20004-2415
PHONE: 202-838-0708
FAX: 202-637-3593
paul.forshay@sutherland.com

Steven S. Goldenberg, Esq.
Fox Rothschild LLP
Princeton Corporate Center
997 Lenox Dr., Bldg. 3
Lawrenceville, NJ 08648-2311
PHONE: 609-896-4586
FAX: 609-896-1469
sgoldenberg@foxrothschild.com

PJM

Kerry Stroup
PJM Interconnection
VFCC
955 Jefferson Ave.
Norristown, PA 19403
PHONE: 610-635-3440
FAX:
strouk@pjm.com

SUPPLIERS

Steven Gabel
Gabel Associates
417 Denison St.
Highland Park, NJ 08904
PHONE: 732-296-0770
FAX: 732-296-0799
steven@gabelassociates.com

James Laskey, Esq. – IEPNJ
Norris McLaughlin & Marcus
721 Route 202-206
Bridgewater, NJ 08807
PHONE: 908-722-0700
FAX: 908-722-0755
jlasky@nmmllaw.com

Mark Baird
RRI Energy, Inc.
7642 West 450 North
Sharpville, IN 46068
PHONE: 281-451-7526
FAX: 713-537-2935
mbaird@reliant.com

JERSEY CENTRAL POWER & LIGHT COMPANY
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Service List

Raymond Depillo
PSE&G Energy Resources & Trade
80 Park Plaza, T-19
PO Box 570
Newark, NJ 07101
PHONE: 973-430-8866
FAX: 973-643-8385
raymond.depillo@pseg.com

Ken Gfroerer
RRI Energy
RRI, Box 246
Stahlstown, PA 15687
PHONE:
FAX:
kgfroerer@rrienergy.com

Craig S. Blume
Director, Power Marketing
UGI Energy Services/UGI
Development Company
One Meridian Blvd., Suite 2C01
Wyomissing, PA 19610
PHONE: 610-743-7010
FAX: 610-374-4288
cblume@ugies.com

Robert O'Connell
VP & Compliance Manager
JP Morgan Ventures Energy Corp.
1033 Squires Dr.
West Chester, PA 19382
PHONE: 484-266-0283
FAX:
Robert.oconnell@jpmorgan.com

Deborah Hart
Morgan Stanley Capital Group
2000 Westchester Ave.
Trading Floor
Purchase, NY 10577
PHONE: 914-225-1430
FAX: 914-225-9297
deborah.hart@morganstanley.com

George R. Henderson
PSE&G Energy Resources & Trade
80 Park Plaza, T-19
PO Box 570
Newark, NJ 07101
PHONE: 973-430-5903
FAX: 973-643-8385
george.hjenderson@pseg.com

Marcia Hissong
DTE Energy Trading, Inc.
414 South Main St., Suite 200
Ann Arbor, MI 48104
PHONE: 734-887-2042
FAX: 734-887-2235
hissongm@dteenergy.com

Don Hubschman
American Electric Power
155 W. Nationwide Blvd.
Columbus, OH 43215
PHONE: 614-583-7019
FAX: 614-583-1601
dmhubschman@aep.com

Roberta Konicki
Sempra Energy Trading
2500 City West Blvd., Suite 1800
Houston, TX 77042
PHONE: 713-361-7765
FAX:
roberta.konicki@rbssempra.com

Gregory K. Lawrence, Esq.
McDermott, Will & Emery
600 13th Street, NW
Washington, DC 20002
PHONE: 202-756-8068
FAX: 202-756-8087
glawrence@mw.com

Shawn P. Leyden, Esq.
PSE&G Energy Resources & Trade
80 Park Plaza, T-19
PO Box 570
Newark, NJ 07101
PHONE: 973-430-430-7698
FAX: 973-643-8385
shawn.leyden@pseg.com

Ira G. Megdal, Esq.
Cozen O'Connor
457 Haddonfield Rd., Suite 300
Cherry Hill, NJ 08002
PHONE: 856-910-5019
FAX: 856-910-5075
imegdal@cozen.com

Leonard Navitsky
PPM Energy
3301 Cherokee Street
Emmaus, PA 18049
PHONE: 610-965-6856
FAX: 860-665-2611
navitle@selectenergy.com

Glenn Riepl
AEP Energy Services
1 Riverside Plaza, 14th Floor
Columbus, OH 43215-2373
PHONE: 614-324-4502
FAX: 614-324-4591
gfripl@aep.com

Maria Robinson
Con-Edison Energy Solutions
701 Westchester Ave.
Suite 201 West
White Plains, NY 10604
PHONE: 914-993-2166
FAX: 914-993-2111
robinsonm@conedenergy.com

Jean-Paul St. Germain
Sempra Energy Trading
58 Commerce Rd.
Stamford, CT 06902
PHONE: 203-355-5074
FAX:
jean-paul.st.germain@rbssempra.com

Howard O. Thompson
Russo Tumulty Nester Thompson
Kelly LLP
240 Cedar Knolls Rd., Suite 306
Cedar Knolls, NJ 07927
PHONE: 973-993-4477
FAX: 973-993-3103
htompson@russtotumulty.com

Sharon Weber
PPL Energy Plus
2 North 9th St. TW20
Allentown, PA 18101
PHONE:
FAX:
sjweber@pplweb.com

Stephen Wemple
Con-Edison Energy
701 Westchester Ave.
Suite 201 West
White Plains, NY 10604
PHONE:
FAX:
wemples@conedcss.com

Glen Thomas
The P³ Group
GT Power Group LLC
1060 First Ave., Suite 400
King of Prussia, PA 19406
PHONE: 610-768-8080
FAX:
gthomas@gtpowergroup.com

Divesh Gupta
Senior Counsel
Constellation Energy
111 Market Place, Suite 500
Baltimore, Maryland 21202
PHONE: 410-470-3158
Fax: 443-213-3556
Divesh.gupta@constellation.com

Tom Hoatson
LS Power Development LLC
2 Tower Center
East Brunswick, NJ 08816
PHONE: 732-867-5911
FAX:
thoatson@lspower.com

Gary Ferenz
Conectiv Energy Supply, Inc.
PO Box 6066, MS 92DC69
Newark, DE 19714
PHONE: 302-451-5225
FAX: 302-709-7573
Gary.ferenz@connectiv.com

Kelley Gabbard
Conectiv Energy Supply, Inc.
PO Box 6066, MS92DC69
Newark, DE 19714
PHONE: 302-451-5318
FAX: 302-709-7573
Kelley.gabbard@connectiv.com

John Citrolo
Conectiv Energy Supply, Inc.
PO Box 6066, MS92DC69
Newark, DE 19714
PHONE: 302-451-5450
FAX: 302-709-7579
John.citrolo@connectiv.com

Terence Russell
RRI Energy, Inc.
1000 Main St., 2178B
Houston, TX 77002
PHONE: 832-357-5323
FAX: 832-357-92556
trussell@rrienergy.com

Grace S. Kurdian
McCarter & English LLP
245 Park Ave., 27th Floor
New York, NY 10167
PHONE: 212-609-6815
FAX: 212-414-0341
gkurdian@mccarter.com

OTHER PARTIES

Murray E. Bevin, Esq.
Bevan Mosca Giuditta & Zarillo PC
776 Mountain Blvd., Suite 202
Watchung, NJ 07069
PHONE: 908-753-8300
FAX: 908-753-8301
mbevan@bmezlaw.com

Sara Bluhm
NJBIA
102 West State St.
Trenton, NJ 08608-1199
PHONE:
FAX:
sbluhm@njbja.org

Stephen Dilts
Chemical Industry Council of NJ
150 W. State St.
Trenton, NJ 08608
PHONE:
FAX:

David Gillespie
New Jersey Transit
One Penn Plaza East
Newark, NJ 07105-2246
PHONE:
FAX:

John Holub
NJ Retail Merchants Assoc.
332 West State St.
Trenton, NJ 08618
PHONE:
FAX:
john@njirma.org

JERSEY CENTRAL POWER & LIGHT COMPANY
BGS Transmission Change Update in December 2009
BPU Docket Nos. EO03050394, EO06020119, ER07060379 and ER08050310

Service List

Jack Johnson
Geophonic, Inc.
PO Box 580
Summit, NJ 07901
PHONE:
FAX:

Frank Magnotti
Comverge, Inc.
120 Eagle Rock Ave., Suite 190
East Hanover, NJ 07936
PHONE:

Melanie Willoughby
NJBLA
102 West State St.
Trenton, NJ 08608-1199
PHONE:
FAX:

Clarice Sabre Sylla
Dept. Of Community Affairs
PO Box 806
101 S. Broad St.
Trenton, NJ 08625-0806
PHONE: 609-984-3301
FAX: 609-292-9798

Judy Misoyianis, Administrator
New Jersey Retail Merchants Assoc.
332 West State St.
Trenton, NJ 08618
PHONE: 609-393-8006
FAX: 609-393-8463
Judy.njrma@verizon.net

Chaim (Hy) Gold
Demand Side Energy Consultant
28 Riehey Place
Trenton, NJ 08618
PHONE: 609-392-6748
FAX:
hygold@comcast.net

Holly Minogue
Gabel Associates
417 Denison St.
Highland Park, NJ 08904
PHONE: 732-296-0770
FAX: 732-296-0799
Holly.minogue@gabelassociates.com

Larry Spielvogel, PE
LG Spielvogel, Inc.
21506 Valley Forge Circle
King of Prussia, PA 19406-1137
PHONE: 610-783-6350
FAX: 610-783-6349
spielvogel@comcast.net

Robert Macksoud, Jr. CEP
Director Energy Procurement
EnergySolve
Somerset, NJ 08873
PHONE: 732-748-4293
FAX: 732-748-9640
macksoud@energysolve.com

Jim Torpey
Director Market Development
SunPower Corporation
700 S. Clinton St.
Trenton, NJ 08611
PHONE: 973-714-9388
FAX:
Jim.torpey@sunpowercorp.com

Attachment 1

Atlantic City Electric Company Proposed Tariff Sheets

RIDER (BGS) continued
Basic Generation Service (BGS)

CIEP Standby Fee \$0.000161 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) \$0.000066 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 \$0.005377 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							
	<u>RS</u>	<u>MGS Secondary</u>	<u>MGS Primary</u>	<u>AGS Secondary</u>	<u>AGS Primary</u>	<u>TGS</u>	<u>SPL/CSL</u>	<u>DDC</u>
VEPCo	0.000035	0.000025	0.000026	0.000024	0.000018	0.000013	-	0.000013
TrAILCo	0.000132	0.000132	0.000154	0.000136	0.000126	0.000091	-	0.000068
PSE&G	0.000366	0.000250	0.000265	0.000242	0.000194	0.000129	-	0.000136
PATH	0.000057	0.000039	0.000041	0.000037	0.000030	0.000020	-	0.000021
PPL	0.000007	0.000007	0.000010	0.000009	0.000007	0.000005	-	0.000004
Pepco	0.000022	0.000022	0.000027	0.000024	0.000021	0.000016	-	0.000012
Delmarva	0.000003	0.000003	0.000004	0.000003	0.000003	0.000002	-	0.000002
AEP - East	0.000002	0.000002	0.000002	0.000002	0.000002	0.000001	-	0.000001
Total	0.000624	0.000480	0.000529	0.000477	0.000401	0.000277	-	0.000257

Date of Issue:

Effective Date:

Issued by:

Attachment 2

Jersey Central Power & Light Company Proposed Tariff Sheets

JERSEY CENTRAL POWER & LIGHT COMPANY

BPU No. 10 ELECTRIC - PART III

XXth Rev. Sheet No 36A
Superseding XXth Rev. Sheet No. 36A

Rider BGS-FP
Basic Generation Service – Fixed Pricing
(Applicable to Service Classifications RS, RT, RGT, GS, GST, OL, SVL, MVL and ISL)

1) BGS Energy Charge per KWH: (Continued)

(Note 1) **Retail Margin:** A Retail Margin of \$0.005350 per KWH (includes Sales and Use Tax as provided in Rider SUT) will be added to the BGS Energy Charges stated above applicable to all KWH usage by any GS and GST customers that the Company has identified with loads of 750 KW or greater (but less than 1000 KW) as of November 1, 2008 and that the Company has notified that the Retail Margin would be added to the BGS Energy Charges applicable to their KWH usage beginning June 1, 2009.

2) BGS Transmission Charge per KWH: As provided in the respective tariff for Service Classifications RS, RT, RGT, GS, GST, OL, SVL, MVL and ISL. Effective January 1, 2009, a RMR surcharge of \$0.000058 per KWH (includes Sales and Use Tax as provided in Rider SUT) will be added to the BGS Transmission Charge applicable to all KWH usage.

Effective September 1, 2009, a TRAILCO3-TEC surcharge of \$0.000128 per KWH (includes Sales and Use Tax as provided in Rider SUT), a PEPCO-TEC surcharge of \$0.000026 per KWH (includes Sales and Use Tax as provided in Rider SUT), an ACE-TEC surcharge of \$0.000114 per KWH (includes Sales and Use Tax as provided in Rider SUT), a Delmarva-TEC surcharge of \$0.000003 per KWH (includes Sales and Use Tax as provided in Rider SUT), an AEP-East-TEC surcharge of \$0.000002 per KWH (includes Sales and Use Tax as provided in Rider SUT), and a PPL-TEC surcharge of \$0.000009 per KWH (includes Sales and Use Tax as provided in Rider SUT) will be added to the BGS Transmission Charge applicable to all KWH usage except lighting under Service Classifications OL, SVL, MVL and ISL.

Effective January 1, 2010, a PATH3-TEC surcharge of \$0.000054 per KWH (includes Sales and Use Tax as provided in Rider SUT), a VEPCO3-TEC surcharge of \$0.000033 per KWH (includes Sales and Use Tax as provided in Rider SUT), and a PSEG2-TEC surcharge of \$0.001018 per KWH (includes Sales and Use Tax as provided in Rider SUT) will be added to the BGS Transmission Charge applicable to all KWH usage except lighting under Service Classifications OL, SVL, MVL and ISL.

3) BGS Reconciliation Charge per KWH: (\$0.004280) (includes Sales and Use Tax as provided in Rider SUT)

The above BGS Reconciliation Charge recovers the difference between the payments to BGS suppliers and the revenues from BGS customers for Basic Generation Service and is subject to quarterly true-up.

Issued:

Effective: January 1, 2010

Filed pursuant to Order of Board of Public Utilities
Docket No. dated

Issued by Donald M. Lynch, President
300 Madison Avenue, Morristown, NJ 07962-1911

JERSEY CENTRAL POWER & LIGHT COMPANY

BPU No. 10 ELECTRIC - PART III

XXth Rev. Sheet No. 37A
Superseding XXth Rev. Sheet No. 37A

Rider BGS-CIEP Basic Generation Service – Commercial Industrial Energy Pricing (Applicable to Service Classifications GP and GT and Certain Customers under Service Classifications GS and GST)

3) BGS Transmission Charge per KWH: (Continued)

Effective September 1, 2009, the following TEC surcharges will be added to the BGS Transmission Charge applicable to all KWH usage, as follows (includes Sales and Use Tax as provided in Rider SUT):

	<u>TRAILCO3-TEC</u>	<u>PEPCO-TEC</u>	<u>ACE-TEC</u>
GT – High Tension Service	\$0.000025	\$0.000005	\$0.000021
GT	\$0.000082	\$0.000016	\$0.000073
GP	\$0.000080	\$0.000016	\$0.000071
GS and GST	\$0.000128	\$0.000026	\$0.000114

	<u>Delmarva-TEC</u>	<u>AEP-East-TEC</u>	<u>PPL-TEC</u>
GT – High Tension Service	\$0.000001	\$0.000000	\$0.000002
GT	\$0.000002	\$0.000001	\$0.000005
GP	\$0.000002	\$0.000001	\$0.000005
GS and GST	\$0.000003	\$0.000002	\$0.000009

Effective January 1, 2010, a PATH3-TEC surcharge, a VEPCO3-TEC surcharge and a PSEG2-TEC surcharge will be added to the BGS Transmission Charge applicable to all KWH usage, as follows (includes Sales and Use Tax as provided in Rider SUT):

	<u>PATH3-TEC</u>	<u>VEPCO3-TEC</u>	<u>PSEG2-TEC</u>
GT – High Tension Service	\$0.000009	\$0.000005	\$0.000168
GT	\$0.000030	\$0.000018	\$0.000562
GP	\$0.000032	\$0.000019	\$0.000596
GS and GST	\$0.000054	\$0.000033	\$0.001018

4) BGS Reconciliation Charge per KWH: (\$0.000181) (includes Sales and Use Tax as provided in Rider SUT)

The above BGS Reconciliation Charge recovers the difference between the payments to BGS suppliers and the revenues from BGS customers for Basic Generation Service and is subject to quarterly true-up.

Issued:

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Docket No. dated

Issued by Donald M. Lynch, President
300 Madison Avenue, Morristown, NJ 07962-1911

Attachment 3

Rockland Electric Company Proposed Tariff Sheets

**SERVICE CLASSIFICATION NO. 1
RESIDENTIAL SERVICE (Continued)**

RATE – SEVEN PART – MONTHLY: (Continued)

(3) Transmission Charge

- A. These charges apply to all customers taking Basic Generation Service from the Company. These charges are also applicable to customers located in the Company's Central and Western Divisions and obtaining Competitive Energy Supply. These charges are not applicable to customers located in the Company's Eastern Division and obtaining Competitive Energy Supply. The Company's Eastern, Central and Western Divisions are defined in General Information Section No. 1.

	<u>Summer Months*</u>	<u>Other Months</u>
First 250 kWh.....@	1.209 ¢ per kWh	1.209 ¢ per kWh
Over 250 kWh.....@	1.209 ¢ per kWh	1.209 ¢ per kWh

- B. Transmission Surcharge – This charge is applicable to all customers taking Basic Generation Service from the Company and includes surcharges related to Reliability Must Run and Transmission Enhancement Charges.

All kWh	0.130 ¢ per kWh	0.130 ¢ per kWh
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(4) Societal Benefits Charge

In accordance with General Information Section 29, a Societal Benefits Charge shall be assessed on all kWh delivered hereunder.

(5) Regional Greenhouse Gas Initiative Surcharge

In accordance with General Information Section 30, a Regional Greenhouse Gas Initiative Surcharge shall be assessed on all kWh delivered hereunder.

(6) Securitization Charges

In accordance with General Information Section 32, the Securitization Charges shall be assessed on all kWh delivered hereunder.

(7) Basic Generation Service

Customers taking Basic Generation Service from the Company will be billed for such service in accordance with General Information Section No. 28.

* Definition of Summer Billing Months
June through September

(Continued)

ISSUED:

EFFECTIVE:

January 1, 2010

ISSUED BY: William Longhi, President
Saddle River, New Jersey 07458

SERVICE CLASSIFICATION NO. 2
GENERAL SERVICE (Continued)

RATE – SEVEN PART – MONTHLY: (Continued)

	<u>Summer Months*</u>	<u>Other Months</u>
(2) <u>Distribution Charges</u> (Continued)		
<u>Primary Voltage Service Only</u>		
Over 60,000 kWh or 300 hours use		
of demand, whichever is		
greater.....@	1.348 ¢ per kWh	1.348 ¢ per kWh

(3) Transmission Charges

- A. These charges apply to all customers taking Basic Generation Service from the Company. These charges are also applicable to customers located in the Company's Central and Western Divisions and obtaining Competitive Energy Supply. These charges are not applicable to customers located in the Company's Eastern Division and obtaining Competitive Energy Supply. The Company's Eastern, Central and Western Divisions are defined in General Information Section No. 1.

	<u>Summer Months*</u>	<u>Other Months</u>
<u>Demand Charge</u>		
First 5 kW or less.....@	No Charge	No Charge
Over 5 kW.....@	\$1.38 per kW	\$1.19 per kW
<u>Usage Charge</u>		
First 4,920 kWh.....@	0.552 ¢ per kWh	0.552 ¢ per kWh
Over 4,920 kWh.....@	0.552 ¢ per kWh	0.552 ¢ per kWh
<u>Primary Voltage Service Only</u>		
Over 60,000 kWh or 300 hours use		
of demand, whichever is		
greater@	0.552 ¢ per kWh	0.552 ¢ per kWh

- B. Transmission Surcharge – This charge is applicable to all customers taking Basic Generation Service from the Company and includes surcharges related to Reliability Must Run and Transmission Enhancement Charges.

<u>Secondary Voltage Service Only</u>		
All kWh	0.076 ¢ per kWh	0.076 ¢ per kWh
<u>Primary Voltage Service Only</u>		
All kWh	0.036 ¢ per kWh	0.036 ¢ per kWh

(Continued)

ISSUED:

EFFECTIVE:

January 1, 2010

ISSUED BY:

William Longhi, President
Saddle River, New Jersey 07458

SERVICE CLASSIFICATION NO. 3
RESIDENTIAL TIME-OF-DAY HEATING SERVICE (Continued)

RATE – SEVEN PART – MONTHLY: (Continued)

(3) Transmission Charge (Continued)

A. (Continued)

	<u>Summer Months*</u>	<u>Other Months</u>
<u>Peak</u>		
All kWh measured between 10:00 a.m. and 10:00 p.m., Monday through Friday.....@	0.811 ¢ per kWh	0.811 ¢ per kWh
<u>Off-Peak:</u>		
All other kWh.....@	0.811 ¢ per kWh	0.811 ¢ per kWh

- B. Transmission Surcharge – This charge is applicable to all customers taking Basic Generation Service from the Company and includes surcharges related to Reliability Must Run and Transmission Enhancement Charges.

All kWh.....@ 0.018 ¢ per kWh 0.018 ¢ per kWh

(4) Societal Benefits Charge

In accordance with General Information Section 29, a Societal Benefits Charge shall be assessed on all kWh delivered hereunder.

(5) Regional Greenhouse Gas Initiative Surcharge

In accordance with General Information Section 30, a Regional Greenhouse Gas Initiative Surcharge shall be assessed on all kWh delivered hereunder.

(6) Securitization Charges

In accordance with General Information Section 32, the Securitization Charges shall be assessed on all kWh delivered hereunder.

(7) Basic Generation Service

Customers taking Basic Generation Service from the Company will be billed for such service in accordance with General Information Section No. 28.

- * Definition of Summer Billing Months
June through September

(Continued)

ISSUED:

EFFECTIVE:

January 1, 2010

ISSUED BY: William Longhi, President
Saddle River, New Jersey 07458

**SERVICE CLASSIFICATION NO. 5
RESIDENTIAL SPACE HEATING SERVICE (Continued)**

RATE – SEVEN PART – MONTHLY: (Continued)

(3) Transmission Charge

A. These charges apply to all customers taking Basic Generation Service from the Company. These charges are also applicable to customers located in the Company's Central and Western Divisions and obtaining Competitive Energy Supply. These charges are not applicable to customers located in the Company's Eastern Division and obtaining Competitive Energy Supply. The Company's Eastern, Central and Western Divisions are defined in General Information Section No. 1.

	<u>Summer Months*</u>	<u>Other Months</u>
First 250 kWh@	0.794 ¢ per kWh	0.794 ¢ per kWh
Next 450 kWh@	0.794 ¢ per kWh	0.794 ¢ per kWh
Over 700 kWh@	0.794 ¢ per kWh	0.794 ¢ per kWh

B. Transmission Surcharge – This charge is applicable to all customers taking Basic Generation Service from the Company and includes surcharges related to Reliability Must Run and Transmission Enhancement Charges.

All kWh@	0.077 ¢ per kWh	0.077 ¢ per kWh
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(4) Societal Benefits Charge

In accordance with General Information Section 29, a Societal Benefits Charge shall be assessed on all kWh delivered hereunder.

(5) Regional Greenhouse Gas Initiative Surcharge

In accordance with General Information Section 30, a Regional Greenhouse Gas Initiative Surcharge shall be assessed on all kWh delivered hereunder.

(6) Securitization Charges

In accordance with General Information Section 32, the Securitization Charges shall be assessed on all kWh delivered hereunder.

(7) Basic Generation Service

Customers taking Basic Generation Service from the Company will be billed for such service in accordance with General Information Section No. 28.

* Definition of Summer Billing Months
June through September

(Continued)

ISSUED:

EFFECTIVE:

January 1, 2010

ISSUED BY: William Longhi, President
Saddle River, New Jersey 07458

SERVICE CLASSIFICATION NO. 7
LARGE GENERAL TIME-OF-DAY SERVICE (Continued)

RATE – EIGHT PART – MONTHLY: (Continued)

(3) Transmission Charges (Continued)

- B. Transmission Surcharge – This charge is applicable to all customers taking Basic Generation Service from the Company and includes surcharges related to Reliability Must Run and Transmission Enhancement Charges.

All Periods	All kWh @	Primary 0.124 ¢ per kWh	High Voltage Distribution 0.124 ¢ per kWh
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(4) Societal Benefits Charge

In accordance with General Information Section 29, a Societal Benefits Charge shall be assessed on all kWh delivered hereunder.

(5) Regional Greenhouse Gas Initiative Surcharge

In accordance with General Information Section 30, a Regional Greenhouse Gas Initiative Surcharge shall be assessed on all kWh delivered hereunder.

(6) Securitization Charges

In accordance with General Information Section 32, the Securitization Charges shall be assessed on all kWh delivered hereunder.

(7) CIEP Standby Fee

In accordance with General Information Section 28A, a CIEP Standby Fee shall be assessed on all kWh delivered hereunder.

(8) Basic Generation Service

Customers taking Basic Generation Service from the Company will be billed for such service in accordance with General Information Section No. 28.

In accordance with Riders CBT, SUT and TEFA, the charges in this Rate Schedule include provision for the New Jersey Corporation Business Tax, the New Jersey Sales and Use Tax, and until it expires, a temporary Transitional Energy Facility Assessment. When billed to customers exempt from one or more of these taxes, as set forth in Riders CBT, SUT and TEFA, such charges will be reduced by the relevant amount of such taxes included therein.

(Continued)

ISSUED:

EFFECTIVE:

January 1, 2010

ISSUED BY: William Longhi, President
Saddle River, New Jersey 07458

Attachment 4a
Cost Allocation of 2010 PSEG Projects Schedule 12 Charges

Attachment 4a - PJM Schedule 12 - Transmission Enhancement Charges for January 2010 - December 2010
Calculation of costs and monthly PJM charges for PSE&G Projects

Required Transmission Enhancement per PJM website	PJM Upgrade ID per PJM spreadsheet	Jan - Dec 2010 Annual Revenue Requirement per PJM website	Responsible Customers - Schedule 12 Appendix			Estimated New Jersey EDC Zone Charges by Project			Total NJ Zones Charges
			ACE Zone Share	JCP&L Zone Share	PSE&G Zone Share ^{1,2}	ACE Zone Charges	JCP&L Zone Charges	PSE&G Zone Charges	
Replace all Branchburg 500/230 kv bxfm	b0130	\$ 4,089,600.00	1.36%	47.75%	50.89%	\$55,619	\$1,952,784	\$2,081,197	\$0 \$4,089,600
Reconductor Kittatinny - Newtown 230 kv	b0134	\$ 1,693,708.00	0.00%	51.11%	45.96%	\$0	\$865,654	\$778,428	\$49,626 \$1,693,708
Build new Essex - Aldene 230 kv cable	b0145	\$ 17,373,635.00	0.00%	73.45%	21.78%	\$0	\$12,760,935	\$3,783,978	\$828,722 \$17,373,635
Install 230-138kv transformer at Metuchen substation	b0161	\$ 5,442,721.00	0.00%	0.00%	99.80%	\$0	\$0	\$5,431,836	\$10,885 \$5,442,721
New 230 kv section from Branchburg - Flagtown circuit	b0169	\$ 4,637,505.00	1.72%	25.93%	59.59%	\$79,765	\$1,202,505	\$2,763,489	\$0 \$4,045,759
Somerville-Bridgewater 230 kv circuit	b0170	\$ 1,464,701.00	0.00%	42.95%	38.36%	\$0	\$629,089	\$561,859	\$11,571 \$1,202,520
Replace wave trap at Branchburg 500kv substation	b0172.2	\$ 7,560.00	1.89%	4.50%	7.61%	\$143	\$340	\$575	\$23 \$1,082
Replace both 230/138 kv bxfms at Roseland	b0274	\$ 4,768,898.00	0.00%	0.00%	96.77%	\$0	\$0	\$4,614,863	\$0 \$4,614,863
Install 4th 500/230 kv transformer at New Freedom	b0411	\$ 4,489,420.00	47.01%	7.04%	22.31%	\$2,110,476	\$316,055	\$1,001,590	\$0 \$3,428,121
New 500 kv transmission facilities from Pa - NJ border at Bushkill to Roseland (below 500 kv elements)	b0489.4	\$ 2,250,890.00	5.23%	34.10%	42.21%	\$117,722	\$767,553	\$950,101	\$35,564 \$1,870,940
5021 circuit loop into New Freedom 500 kv substation	b0498	\$ 6,772,194.00	1.89%	4.50%	7.61%	\$127,994	\$304,749	\$515,364	\$20,994 \$969,101
Reconductor Hudson - South Waterfront 230kv circuit	b0813	\$ 450,848.00	0.00%	9.96%	84.09%	\$0	\$44,904	\$379,118	\$14,157 \$438,179
Totals		\$ 69,595,079.00				\$2,797,018	\$19,571,472	\$24,091,671	\$1,021,618 \$47,481,780

Notes on calculations >>>

(a) (b) (c) (d) (e) (f) (g) (h) (i) (j)

= (a) * (b) = (a) * (c) = (a) * (d) = (a) * (e) = (i) * (g) + (h) * (i)

Zonal Cost Allocation for New Jersey Zones	Average Monthly Impact on Zone Customers in 2010	2009 TX Peak Load per PJM website	Rate in \$/MW-mo. ³	2010 Impact (12 months)	
PSE&G	\$ 2,007,639.28	9,686.7	\$ 207.26	\$ 24,091,671	
JCP&L	\$ 1,630,956.02	5,738.4	\$ 284.22	\$ 19,571,472	
ACE	\$ 233,084.84	2,706.6	\$ 86.12	\$ 2,797,018	
RE	\$ 85,134.84	371.1	\$ 229.41	\$ 1,021,618	
Total Impact on NJ Zones	\$ 3,956,814.98			\$ 47,481,780	

Notes on calculations >>>

= (k) / (l) = (k) * 12

Notes:

- 1) Percentage for regional projects (e.g. - 7.61% for PSE&G) will change on January 1, 2010
- 2) Percentage for "Below 500kv" portion of S/R Line was finalized by PJM
- 3) Uncompressed rate - assumes implementation on January 1, 2010

(12) Public Service Electric and Gas Company

Required Transmission Enhancements	Annual Revenue Requirement	Responsible Customer(s)
b0025 Convert the Bergen-Leonia 138 Kv circuit to 230 kV circuit.		PSEG (100%)
b0090 Add 150 MVAR capacitor at Camden 230 kV		PSEG (100%)
b0121 Add 150 MVAR capacitor at Aldene 230 kV		PSEG (100%)
b0122 Bypass the Essex 138 kV series reactors		PSEG (100%)
b0125 Add Special Protection Scheme at Bridgewater to automatically open 230 kV breaker for outage of Branchburg – Deans 500 kV and Deans 500/230 kV #1 transformer		PSEG (100%)
b0126 Replace wavetrap on Branchburg – Flagtown 230 kV		PSEG (100%)
b0127 Replace terminal equipment to increase Brunswick – Adams – Bennetts Lane 230 kV to conductor rating		PSEG (100%)
b0129 Replace wavetrap on Flagtown – Somerville 230 kV		PSEG (100%)
b0130 Replace all derated Branchburg 500/230 kV transformers		AEC (1.36%) / JCPL (47.75%) / PSEG (50.89%)
b0134 Upgrade or Retension PSEG portion of Kittatinny – Newton 230 kV circuit		JCPL (51.11%) / PSEG (45.96%) / RE (2.93%)

The Annual Revenue Requirement for all Public Service Electric and Gas Company Projects (Required Transmission Enhancements) in this Section 12 shall be as specified in Attachment 7 of Attachment H-10A and under the procedures detailed in Attachment H-10B.

Public Service Electric and Gas Company (cont.)

Required Transmission Enhancements	Annual Revenue Requirement	Responsible Customer(s)
b0145	Build new Essex – Aldene 230 kV cable connected through a phase angle regulator at Essex	PSEG (21.78%) / JCPL (73.45%) / RE (4.77%)
b0157	Add 100MVAR capacitor at West Orange 138kV substation	PSEG (100%)
b0158	Close the Sunnymeade "C" and "F" bus tie	PSEG (100%)
b0159	Make the Bayonne reactor permanent installation	PSEG (100%)
b0160	Relocate the X-2250 circuit from Hudson 1-6 bus to Hudson 7-12 bus	PSEG (100%)
b0161	Install 230/138kV transformer at Metuchen substation	PSEG (99.80%) / RE (0.20%)
b0162	Upgrade the Edison – Meadow Rd 138kV "Q" circuit	PSEG (100%)
b0163	Upgrade the Edison – Meadow Rd 138kV "R" circuit	PSEG (100%)
b0169	Build a new 230 kV section from Branchburg – Flagtown and move the Flagtown – Somerville 230 kV circuit to the new section	AEC (1.72%) / JCPL (25.93%) / Neptune* (10.63%) / PSEG (59.59%) / ECP** (2.13%)
b0170	Reconductor the Flagtown-Somerville-Bridgewater 230 kV circuit with 1590 ACSS	JCLP (42.95%) / Neptune* (17.90%) / PSEG (38.36%) RE (0.79%)

* Neptune Regional Transmission System, LLC

** East Coast Power, L.L.C.

Public Service Electric and Gas Company (cont.)

Required Transmission Enhancements	Annual Revenue Requirement	Responsible Customer(s)
b0172.2	Replace wave trap at Branchburg 500kV substation	AEC (1.89%) / AEP (17.30%) / APS (6.02%) / BGE (4.95%) / ComEd (14.97%) / Dayton (2.50%) / DL (2.02%) / DPL (2.85%) / Dominion (13.61%) / JCPL (4.50%) / ME (2.18%) / NEPTUNE* (0.49%) / PECO (6.31%) / PENELEC (2.06%) / PEPCO (4.82%) / PPL (5.37%) / PSEG (7.61%) / RE (0.31%) / ECP** (0.24%)
b0184	Replace Hudson 230kV circuit breakers #1-2	PSEG (100%)
b0185	Replace Deans 230kV circuit breakers #9-10	PSEG (100%)
b0186	Replace Essex 230kV circuit breaker #5-6	PSEG (100%)

* Neptune Regional Transmission System, LLC

** East Coast Power, L.L.C.

Public Service Electric and Gas Company (cont.)

Required Transmission Enhancements	Annual Revenue Requirement	Responsible Customer(s)
b0201 Branchburg substation: replace wave trap on Branchburg – Readington 230 kV circuit		PSEG (100%)
b0213.1 Replace New Freedom 230 kV breaker BS2-6		PSEG (100%)
b0213.3 Replace New Freedom 230 kV breaker BS2-8		PSEG (100%)
b0274 Replace both 230/138 kV transformers at Roseland		PSEG (96.77%) / ECP** (3.23%)
b0275 Upgrade the two 138 kV circuits between Roseland and West Orange		PSEG (100%)
b0278 Install 228 MVAR capacitor at Roseland 230 kV substation		PSEG (100%)
b0290 Install 400 MVAR capacitor in the Branchburg 500 kV vicinity		AEC (1.89%) / AEP (17.30%) / APS (6.02%) / BGE (4.95%) / ComEd (14.97%) / Dayton (2.50%) / DL (2.02%) / DPL (2.85%) / Dominion (13.61%) / JCPL (4.50%) / ME (2.18%) / NEPTUNE* (0.49%) / PECO (6.31%) / PENELEC (2.06%) / PEPCO (4.82%) / PPL (5.37%) / PSEG (7.61%) / RE (0.31%) / ECP** (0.24%)
b0358 Reconnector the PSEG portion of Buckingham – Pleasant Valley 230 kV, replace wave trap and metering transformer		PSEG (100%)

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Public Service Electric and Gas Company (cont.)

Required Transmission Enhancements	Annual Revenue Requirement	Responsible Customer(s)
b0368 Re conductor Tosco – G22_MTX 230 kV circuit with 1033 bundled ACSS		PSEG (100%)
b0371 Make the Metuchen 138 kV bus solid and upgrade 6 breakers at the Metuchen substation		PSEG (100%)
b0372 Make the Athenia 138 kV bus solid and upgrade 2 breakers at the Athenia substation		PSEG (100%)
b0395 Replace Hudson 230 kV breaker BS4-5		PSEG (100%)
b0396 Replace Hudson 230 kV breaker BS1-6		PSEG (100%)
b0397 Replace Hudson 230 kV breaker BS3-4		PSEG (100%)
b0398 Replace Hudson 230 kV breaker BS5-6		PSEG (100%)
b0401.1 Replace Roseland 230 kV breaker BS6-7		PSEG (100%)
b0401.2 Replace Roseland 138 kV breaker O-1315		PSEG (100%)
b0401.3 Replace Roseland 138 kV breaker S-1319		PSEG (100%)
b0401.4 Replace Roseland 138 kV breaker T-1320		PSEG (100%)
b0401.5 Replace Roseland 138 kV breaker G-1307		PSEG (100%)
b0401.6 Replace Roseland 138 kV breaker P-1316		PSEG (100%)
b0401.7 Replace Roseland 138 kV breaker 220-4		PSEG (100%)

Public Service Electric and Gas Company (cont.)

Required Transmission Enhancements	Annual Revenue Requirement	Responsible Customer(s)
b0401.8 Replace W. Orange 138 kV breaker 132-4		PSEG (100%)
b0411 Install 4 th 500/230 kV transformer at New Freedom		AEC (47.01%) / JCPL (7.04%) / Neptune* (0.28%) / PECO (23.36%) / PSEG (22.31%)
b0423 Reconductor Readington (2555) – Branchburg (4962) 230 kV circuit w/1590 ACSS		PSEG (100%)
b0424 Replace Readington wavetraps on Readington (2555) – Roseland (5017) 230 kV circuit		PSEG (100%)
b0425 Reconductor Linden (4996) – Tosco (5190) 230 kV circuit w/1590 ACSS (Assumes operating at 220 degrees C)		PSEG (100%)
b0426 Reconductor Tosco (5190) – G22_MTX5 (90220) 230 kV circuit w/1590 ACSS (Assumes operation at 220 degrees C)		PSEG (100%)
b0427 Reconductor Athenia (4954) – Saddle Brook (5020) 230 kV circuit river section		PSEG (100%)
b0428 Replace Roseland wavetraps on Roseland (5019) – West Caldwell “G” (5089) 138 kV circuit		PSEG (100%)
b0429 Reconductor Kittatinny (2553) – Newton (2535) 230 kV circuit w/1590 ACSS		JCPL (41.91%) / Neptune* (3.59%) / PSEG (50.59%) / RE (2.23%) / ECP** (1.68%)
b0439 Spare Deans 500/230 kV transformer		PSEG (100%)
b0446.1 Upgrade Bayway 138 kV breaker #2-3		PSEG (100%)
b0446.2 Upgrade Bayway 138 kV breaker #3-4		PSEG (100%)

Public Service Electric and Gas Company (cont.)

Required Transmission Enhancements	Annual Revenue Requirement	Responsible Customer(s)
b0446.3 Upgrade Bayway 138 kV breaker #6-7		PSEG (100%)
b0446.4 Upgrade the breaker associated with TX 132-5 on Linden 138 kV		PSEG (100%)
b0470 Install 138 kV breaker at Roseland and close the Roseland 138 kV buses		PSEG (100%)
b0471 Replace the wave traps at both Lawrence and Pleasant Valley on the Lawrence – Pleasant Vallen 230 kV circuit		PSEG (100%)

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Public Service Electric and Gas Company (cont.)

Required Transmission Enhancements	Annual Revenue Requirement	Responsible Customer(s)
b0472	Increase the emergency rating of Saddle Brook – Athenia 230 kV by 25% by adding forced cooling	ECP (1.04%) / PSEG (95.40%) / RE (3.56%)
b0473	Move the 150 MVAR mobile capacitor from Aldene 230 kV to Lawrence 230 kV substation	PSEG (100%)
b0489	Build new 500 kV transmission facilities from Pennsylvania – New Jersey border at Bushkill to Roseland	AEC (1.89%) / AEP (17.30%) / APS (6.02%) / BGE (4.95%) / ComEd (14.97%) / Dayton (2.50%) / DL (2.02%) / DPL (2.85%) / Dominion (13.61%) / JCPL (4.50%) / ME (2.18%) / NEPTUNE* (0.49%) / PECO (6.31%) / PENELEC (2.06%) / PEPCO (4.82%) / PPL (5.37%) / PSEG (7.61%) / RE (0.31%) / ECP** (0.24%)†
b489.1	Replace Athenia 230 kV breaker 31H	PSEG (100%)
b489.2	Replace Bergen 230 kV breaker 10H	PSEG (100%)
b489.3	Replace Saddlebrook 230 kV breaker 21P	PSEG (100%)
b0489.4	Install two Roseland 500/230 kV transformers as part of the Susquehanna – Roseland 500 kV project	AEC (5.23%) / ComEd (0.29%) / Dayton (0.03%) / DPL (1.81%) / JCPL (34.10%) / Neptune* (3.37%) / PECO (10.32%) / PENELEC (0.57%) / ECP** (0.49%) / PSEG (42.21%) / RE (1.58%) ††

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†Cost allocations associated with Regional Facilities and Necessary Lower Voltage Facilities associated with the project

††Cost allocations associated with below 500 kV elements of the project

Public Service Electric and Gas Company (cont.)

b0498	Loop the 5021 circuit into New Freedom 500 kV substation		AEC (1.89%) / AEP (17.30%) / APS (6.02%) / BGE (4.95%) / ComEd (14.97%) / Dayton (2.50%) / DL (2.02%) / DPL (2.85%) / Dominion (13.61%) / JCPL (4.50%) / ME (2.18%) / NEPTUNE* (0.49%) / PECO (6.31%) / PENELEC (2.06%) / PEPCO (4.82%) / PPL (5.37%) / PSEG (7.61%) / RE (0.31%) / ECP** (0.24%)
b0498.1	Upgrade the 20H circuit breaker		PSEG (100%)
b0498.2	Upgrade the 22H circuit breaker		PSEG (100%)
b0498.3	Upgrade the 30H circuit breaker		PSEG (100%)
b0498.4	Upgrade the 32H circuit breaker		PSEG (100%)
b0498.5	Upgrade the 40H circuit breaker		PSEG (100%)
b0498.6	Upgrade the 42H circuit breaker		PSEG (100%)

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Public Service Electric and Gas Company (cont.)

Required Transmission Enhancements	Annual Revenue Requirement	Responsible Customer(s)
b0512	MAPP Project – install new 500 kV transmission from Possum point to Calvert Cliffs to Salem	AEC (1.89%) / AEP (17.30%) / APS (6.02%) / BGE (4.95%) / ComEd (14.97%) / Dayton (2.50%) / DL (2.02%) / DPL (2.85%) / Dominion (13.61%) / JCPL (4.50%) / ME (2.18%) / NEPTUNE* (0.49%) / PECO (6.31%) / PENELEC (2.06%) / PEPCO (4.82%) / PPL (5.37%) / PSEG (7.61%) / RE (0.31%) / ECP** (0.24%)
b0565	Install 100 MVAR capacitor at Cox's Corner 230 kV substation	PSEG (100%)
b0578	Replace Essex 138 kV breaker 4LM (C1355 line to ECRRF)	PSEG (100%)
b0579	Replace Essex 138 kV breaker 1LM (220-1 TX)	PSEG (100%)
b0580	Replace Essex 138 kV breaker 1BM (BS1-3 tie)	PSEG (100%)
b0581	Replace Essex 138 kV breaker 2BM (BS3-4 tie)	PSEG (100%)
b0582	Replace Linden 138 kV breaker 3 (132-7 TX)	PSEG (100%)
b0592	Replace Metuchen 138 kV breaker '2-2 Transfer'	PSEG (100%)
b0664	Reconductor with 2x1033 ACSS conductor	JCPL (40.12%) / NEPTUNE* (10.37%) / PSEG (47.73%) / RE (1.78%)

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**East Coast Power, L.L.C.

Public Service Electric and Gas Company (cont.)

b0665	Reconductor with 2x1033 ACSS conductor		JCPL (40.12%) / NEPTUNE* (10.37%) / PSEG (47.73%) / RE (1.78%)
b0668	Reconductor with 2x1033 ACSS conductor		JCPL (43.88%) / NEPTUNE* (11.35%) / PSEG (43.16%) / RE (1.61%)
b0671	Replace terminal equipment at both ends of line		PSEG (100%)
b0743	Add a bus tie breaker at Roseland 138 kV		PSEG (100%)
b0812	Increase operating temperature on line for one year to get 925E MVA rating		PSEG (100%)
b0813	Reconductor Hudson – South Waterfront 230 kV circuit		BGE (1.25%) / JCPL (9.96%) / NEPTUNE* (0.44%) / PEPCO (1.12%) / PSEG (84.09%) / RE (3.14%)
b0814	New Essex – Kearney 138 kV circuit and Kearney 138 kV bus tie		JCPL (23.69%) / NEPTUNE* (0.81%) / PENELEC (5.41%) / PSEG (67.57%) / RE (2.52%)
b0829	Build Branchburg to Roseland 500 kV circuit as part of Branchburg – Hudson 500 kV project		AEC (1.89%) / AEP (17.30%) / APS (6.02%) / BGE (4.95%) / ComEd (14.97%) / Dayton (2.50%) / DL (2.02%) / DPL (2.85%) / Dominion (13.61%) / JCPL (4.50%) / ME (2.18%) / NEPTUNE* (0.49%) / PECO (6.31%) / PENELEC (2.06%) / PEPCO (4.82%) / PPL (5.37%) / PSEG (7.61%) / RE (0.31%) / ECP** (0.24%)

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Public Service Electric and Gas Company (cont.)

b0830	Build Roseland - Hudson 500 kV circuit as part of Branchburg – Hudson 500 kV project		AEC (1.89%) / AEP (17.30%) / APS (6.02%) / BGE (4.95%) / ComEd (14.97%) / Dayton (2.50%) / DL (2.02%) / DPL (2.85%) / Dominion (13.61%) / JCPL (4.50%) / ME (2.18%) / NEPTUNE* (0.49%) / PECO (6.31%) / PENELEC (2.06%) / PEPCO (4.82%) / PPL (5.37%) / PSEG (7.61%) / RE (0.31%) / ECP** (0.24%)
b0831	Replace 138/13 kV transformers with 230/13 kV units as part of Branchburg – Hudson 500 kV project		ComEd (2.54%) / Dayton (0.09%) / PENELEC (2.78%) / ECP** (1.24%) / PSEG (89.84%) / RE (3.51%)
b0832	Build Hudson 500 kV switching station as part of Branchburg – Hudson 500 kV project		AEC (1.89%) / AEP (17.30%) / APS (6.02%) / BGE (4.95%) / ComEd (14.97%) / Dayton (2.50%) / DL (2.02%) / DPL (2.85%) / Dominion (13.61%) / JCPL (4.50%) / ME (2.18%) / NEPTUNE* (0.49%) / PECO (6.31%) / PENELEC (2.06%) / PEPCO (4.82%) / PPL (5.37%) / PSEG (7.61%) / RE (0.31%) / ECP** (0.24%)
b0833	Build Roseland 500 kV switching station as part of Branchburg – Hudson 500 kV project		AEC (1.89%) / AEP (17.30%) / APS (6.02%) / BGE (4.95%) / ComEd (14.97%) / Dayton (2.50%) / DL (2.02%) / DPL (2.85%) / Dominion (13.61%) / JCPL (4.50%) / ME (2.18%) / NEPTUNE* (0.49%) / PECO (6.31%) / PENELEC (2.06%) / PEPCO (4.82%) / PPL (5.37%) / PSEG (7.61%) / RE (0.31%) / ECP** (0.24%)

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**East Coast Power, L.L.C.

Public Service Electric and Gas Company (cont.)

b0834	Convert the E-1305/F-1306 to one 230 kV circuit as part of Branchburg – Hudson 500 kV project		ComEd (2.54%) / Dayton (0.09%) / PENELEC (2.78%) / ECP** (1.24%) / PSEG (89.84%) / RE (3.51%)
b0835	Build Hudson 230 kV transmission lines as part of Roseland – Hudson 500 kV project as part of Branchburg – Hudson 500 kV project		ComEd (2.54%) / Dayton (0.09%) / PENELEC (2.78%) / ECP** (1.24%) / PSEG (89.84%) / RE (3.51%)
b0836	Install transformation at new Hudson 500 kV switching station and perform Hudson 230 kV and 345 kV station work as part of Branchburg – Hudson 500 kV project		ComEd (2.54%) / Dayton (0.09%) / PENELEC (2.78%) / ECP** (1.24%) / PSEG (89.84%) / RE (3.51%)

**East Coast Power, L.L.C.

(13) Rockland Electric Company

Required Transmission Enhancements	Annual Revenue Requirement	Responsible Customer(s)
b0314	Install 35 MVAR capacitor at Closter 69 kV substation	RE (100%)

(14) UGI Utilities, Inc.

Required Transmission Enhancements	Annual Revenue Requirement	Responsible Customer(s)
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Attachment 4b
Cost Allocation of 2010 PATH Projects Schedule 12 Charges

Attachment 4b Potomac-Allegheny Transmission Highline (PATH)
PJM Schedule 12 - Transmission Enhancement Charges for January - December 2010
Calculation of costs and monthly PJM charges for PATH Project

Required Transmission Enhancement per PJM website	PJM Upgrade ID per PJM spreadsheet	(a) Jan - Dec 2010 Annual Revenue Requirement per PJM website	(b) Responsible Customers - Schedule 12 Appendix				(f) Estimated New Jersey EDC Zone Charges by Project				(i)	(j)
			ACE Zone Share	JCP&L Zone Share	PSE&G Zone Share ¹	RE Zone Share	ACE Zone Charges	JCP&L Zone Charges	PSE&G Zone Charges	RE Zone Charges		
Amos-Bedington 765 kV Circuit (AEP)	b0490	\$ 12,480,138.00	1.89%	4.50%	7.61%	0.31%	\$235,875	\$561,606	\$949,739	\$38,688	\$1,785,908	
Amos-Bedington 765 kV Circuit (APS)	b0491	Included above	1.89%	4.50%	7.61%	0.31%	\$0	\$0	\$0	\$0	\$0	
Bedington-Kempton 500 kV Circuit	b0492 & b560	\$ 10,572,847.00	1.89%	4.50%	7.61%	0.31%	\$199,827	\$475,778	\$804,594	\$32,776	\$1,512,974	
Totals		\$ 23,052,985.00					\$435,701	\$1,037,384	\$1,754,332	\$71,464	\$3,298,882	

Notes on calculations >>>

(k)	(l)	(m)	(n)
Zonal Cost Allocation for New Jersey Zones	Average Monthly Impact on Zone Customers in 2010	2010 Trans. Peak Load	Rate in \$/MW-mo. ²
PSE&G	\$ 146,194.35	9,686.7	\$15.09
JCP&L	\$ 86,448.69	5,738.4	\$15.06
ACE	\$ 36,308.45	2,706.6	\$13.41
RE	\$ 5,955.35	371.1	\$16.05
Total Impact on NJ Zones	\$ 274,906.85	18,502.8	

2010 Impact (12 months)
\$ 1,754,332
\$ 1,037,384
\$ 435,701
\$ 71,464
\$ 3,298,882

Notes on calculations >>>

Notes:

1) Percentage for regional projects (7.61%) will change on January 1, 2010

2) Uncompressed rate - assumes implementation on January 1, 2010

= (k) / (l)

= (k) * 12

= (a) * (b)

= (a) * (c)

= (a) * (d)

= (a) * (e)

= (a) * (f)

= (a) * (g)

= (a) * (h)

(16) The Dayton Power and Light Company

Required Transmission Enhancements Annual Revenue Requirement Responsible Customer(s)

(17) AEP East Operating Companies (Appalachian Power Company, Columbus Southern Power Company, Indiana Michigan Power Company, Kentucky Power Company, Kingsport Power Company, Ohio Power Company and Wheeling Power Company)

Required Transmission Enhancements	Annual Revenue Requirement	Responsible Customer(s)
b0318 Install a 765/138 kV transformer at Amos		AEP (99.00%) / PEPSCO (1.00%)
b0324 Replace entrance conductors, wave traps, and risers at the Tidd 345 kV station on the Tidd – Canton Central 345 kV circuit		AEP (100%)
b0447 Replace Cook 345 kV breaker M2		AEP (100%)
b0448 Replace Cook 345 kV breaker N2		AEP (100%)
b0490 Construct an Amos – Bedington 765 kV circuit (AEP equipment)	As specified under the procedures detailed in Attachment H-19B	AEC (1.89%) / AEP (17.30%) / APS (6.02%) / BGE (4.95%) / ComEd (14.97%) / Dayton (2.50%) / DL (2.02%) / DPL (2.85%) / Dominion (13.61%) / JCPL (4.50%) / ME (2.18%) / NEPTUNE* (0.49%) / PECO (6.31%) / PENELEC (2.06%) / PEPSCO (4.82%) / PPL (5.37%) / PSEG (7.61%) / RE (0.31%) / ECP** (0.24%)

* Neptune Regional Transmission System, LLC

** East Coast Power, L.L.C.

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Monongahela Power Company, The Potomac Edison Company, and West Penn Power Company, all doing business as Allegheny Power (cont.)

Required Transmission Enhancements	Annual Revenue Requirement	Responsible Customer(s)
b0460	Raise limiting structures on Albright – Bethelboro 138 kV to raise the rating to 175 MVA normal 214 MVA emergency	APS (100%)
b0491	Construct an Amos – Bedington 765 kV circuit (APS equipment)	As specified under the procedures detailed in Attachment H-19B
b0492	Construct a Bedington – Kemptown 500 kV circuit	As specified under the procedures detailed in Attachment H-19B
b0492.3	Replace Eastalco 230 kV breaker D-26	APS (100%)
b0492.4	Replace Eastalco 230 kV breaker D-28	APS (100%)

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Monongahela Power Company, The Potomac Edison Company, and West Penn Power Company, all doing business as Allegheny Power (cont.)

b0492.5	Replace Eastalco 230 kV breaker D-31		APS (100%)
b0495	Replace existing Kammer 765/500 kV transformer with a new larger transformer		AEC (1.89%) / AEP (17.30%) / APS (6.02%) / BGE (4.95%) / ComEd (14.97%) / Dayton (2.50%) / DL (2.02%) / DPL (2.85%) / Dominion (13.61%) / JCPL (4.50%) / ME (2.18%) / NEPTUNE* (0.49%) / PECO (6.31%) / PENELEC (2.06%) / PEPCO (4.82%) / PPL (5.37%) / PSEG (7.61%) / RE (0.31%) / ECP** (0.24%)
b0533	Reconductor the Powell Mountain – Sutton 138 kV line		APS (100%)
b0534	Install a 28.61 MVAR capacitor on Sutton 138 kV		APS (100%)
b0535	Install a 44 MVAR capacitor on Dutch Fork 138 kV		APS (100%)
b0536	Replace Doubs circuit breaker DJ1		APS (100%)
b0537	Replace Doubs circuit breaker DJ7		APS (100%)
b0538	Replace Doubs circuit breaker DJ10		APS (100%)

*Neptune Regional Transmission System, LLC

**East Coast Power, L.L.C.

Attachment 4c
Cost Allocation of 2010 VEPCO Projects Schedule 12 Charges

Attachment 4c - PJM Schedule 12 - Transmission Enhancement Charges for January 2010 - December 2010
Calculation of costs and monthly PJM charges for VEPCo Projects

Required Transmission Enhancement per PJM website	PJM Upgrade ID per PJM spreadsheet	Jan - Dec 2010 Annual Revenue Requirement per PJM website	Responsible Customers - Schedule 12 Appendix				Estimated New Jersey EDC Zone Charges by Project				
			ACE Zone Share per PJM website	JCP&L Zone Share per PJM Open Access Transmission	PSE&G Zone Share ¹ Transmission Tariff	RE Zone Share	ACE Zone Charges	JCP&L Zone Charges	PSE&G Zone Charges	RE Zone Charges	Total NJ Zones Charges
Mt Storm - Doubts 500kV	b0217	\$ 334,766.00	1.89%	4.50%	7.61%	0.31%	\$6,327	\$15,064	\$25,476	\$1,038	\$47,905
Loudoun 150 MVA capacitor @ 500 kV	b0222	\$ 278,313.00	1.89%	4.50%	7.61%	0.31%	\$5,260	\$12,524	\$21,180	\$863	\$39,827
500 kV breakers and bus work at Suffolk	b0231	\$ 686,436.00	1.89%	4.50%	7.61%	0.31%	\$12,974	\$30,890	\$52,238	\$2,128	\$98,229
Meadowbrook- Loudon 500kV circuit	b0328.1	\$ 12,914,804.00	1.89%	4.50%	7.61%	0.31%	\$244,090	\$581,166	\$982,817	\$40,036	\$1,848,108
Mt Storm - Replace MOD with breaker on 500kV side of Txmtr	b0837	\$ 104,963.00	1.89%	4.50%	7.61%	0.31%	\$1,984	\$4,723	\$7,988	\$325	\$15,020
Totals		\$ 14,319,282.00					\$270,634	\$644,368	\$1,089,697	\$44,390	\$2,049,089

Notes on calculations >>>

$$= (a) * (b) = (a) * (c) = (a) * (d) = (a) * (e) = (f) + (g) + (h) + (i)$$

Zonal Cost Allocation for New Jersey Zones	Average Monthly Impact on Zone Customers in 2010	2009 TX Peak Load per PJM website	Rate in \$/MW-mo. ²	2010 Impact (12 months)
PSE&G	\$ 90,808.11	9,686.7	\$ 9.37	\$ 1,089,697
JCP&L	\$ 53,697.31	5,738.4	\$ 9.36	\$ 644,368
ACE	\$ 22,552.87	2,706.6	\$ 8.33	\$ 270,634
RE	\$ 3,699.15	371.1	\$ 9.97	\$ 44,390
Total Impact on NJ Zones	\$ 170,757.44			\$ 2,049,089

Notes on calculations >>>

$$= (k) / (l) = (k) * 12$$

Notes:

- 1) Percentage for regional projects (7.61%) will change on January 1, 2010
- 2) Uncompressed rate - assumes implementation on January 1, 2010

(19) [Reserved for Future Use]

(20) Virginia Electric and Power Company

Required Transmission Enhancements	Annual Revenue Requirement***	Responsible Customer(s)
b0217	Upgrade Mt. Storm - Doubs 500kV	AEC (1.89%) / AEP (17.30%) / APS (6.02%) / BGE (4.95%) / ComEd (14.97%) / Dayton (2.50%) / DL (2.02%) / DPL (2.85%) / Dominion (13.61%) / JCPL (4.50%) / ME (2.18%) / NEPTUNE* (0.49%) / PECO (6.31%) / PENELEC (2.06%) / PEPCO (4.82%) / PPL (5.37%) / PSEG (7.61%) / RE (0.31%) / ECP** (0.24%)
b0222	Install 150 MVAR capacitor at Loudoun 500 kV	AEC (1.89%) / AEP (17.30%) / APS (6.02%) / BGE (4.95%) / ComEd (14.97%) / Dayton (2.50%) / DL (2.02%) / DPL (2.85%) / Dominion (13.61%) / JCPL (4.50%) / ME (2.18%) / NEPTUNE* (0.49%) / PECO (6.31%) / PENELEC (2.06%) / PEPCO (4.82%) / PPL (5.37%) / PSEG (7.61%) / RE (0.31%) / ECP** (0.24%)

* Neptune Regional Transmission System, LLC

** East Coast Power, L.L.C.

*** The Annual Revenue Requirement for all Virginia Electric and Power Company projects in this Section 20 shall be as specified in Attachment 7 to Appendix A of Attachment H-16A and under the procedures detailed in Attachment H-16B.

Virginia Electric and Power Company (cont.)

Required Transmission Enhancements		Annual Revenue Requirement	Responsible Customer(s)
b0223	Install 150 MVAR capacitor at Asburn 230 kV		Dominion (100%)
b0224	Install 150 MVAR capacitor at Dranesville 230 kV		Dominion (100%)
b0225	Install 33 MVAR capacitor at Possum Pt. 115 kV		Dominion (100%)

Virginia Electric and Power Company (cont.)

Required Transmission Enhancements	Annual Revenue Requirement	Responsible Customer(s)
b0226 Install 500/230 kV transformer at Clifton and Clifton 500 kV 150 MVAR capacitor	As specified in Attachment 7 to Appendix A of Attachment H-16A and under the procedures detailed in Attachment H-16B	APS (3.69%) / BGE (3.54%) / Dominion (85.73%) / PEPCO (7.04%)
b0227 Install 500/230 kV transformer at Bristers; build new 230 kV Bristers-Gainsville circuit, upgrade two Loudoun-Brambleton circuits		AEC (0.71%) / APS (3.35%) / BGE (10.93%) / DPL (1.66%) / Dominion (67.38%) / ME (0.89%) / PECO (2.33%) / PEPCO (12.21%) / PPL (0.54%)
b0227.1 Loudoun Sub – upgrade 6-230 kV breakers		Dominion (100%)

Virginia Electric and Power Company (cont.)

Required Transmission Enhancements	Annual Revenue Requirement	Responsible Customer(s)
b0231	Install 500 kV breakers & 500 kV bus work at Suffolk	AEC (1.89%) / AEP (17.30%) / APS (6.02%) / BGE (4.95%) / ComEd (14.97%) / Dayton (2.50%) / DL (2.02%) / DPL (2.85%) / Dominion (13.61%) / JCPL (4.50%) / ME (2.18%) / NEPTUNE* (0.49%) / PECO (6.31%) / PENELEC (2.06%) / PEPCO (4.82%) / PPL (5.37%) / PSEG (7.61%) / RE (0.31%) / ECP** (0.24%)
b0231.2	Install 500/230 kV Transformer, 230 kV breakers, & 230 kV bus work at Suffolk	Dominion (100%)
b0232	Install 150 MVAR capacitor at Lynnhaven 230 kV	Dominion (100%)
b0233	Install 150 MVAR capacitor at Landstown 230 kV	Dominion (100%)
b0234	Install 150 MVAR capacitor at Greenwich 230 kV	Dominion (100%)
b0235	Install 150 MVAR capacitor at Fentress 230 kV	Dominion (100%)

* Neptune Regional Transmission System, LLC

** East Coast Power, L.L.C.

Virginia Electric and Power Company (cont.)

Required Transmission Enhancements		Annual Revenue Requirement	Responsible Customer(s)
b0307	Reconductor Endless Caverns -- Mt. Jackson 115 kV		Dominion (100%)
b0308	Replace L breaker and switches at Endless Caverns 115 kV		Dominion (100%)
b0309	Install SPS at Earleys 115 kV		Dominion (100%)
b0310	Reconductor Club House -- South Hill and Chase City -- South Hill 115 kV		Dominion (100%)
b0311	Reconductor Idylwood to Arlington 230 kV		Dominion (100%)
b0312	Reconductor Gallows to Ox 230 kV		Dominion (100%)

Virginia Electric and Power Company (cont.)

Required Transmission Enhancements		Annual Revenue Requirement	Responsible Customer(s)
b0325	Install a 2 nd Everetts 230/115 kV transformer		Dominion (100%)
b0326	Uprate/resag Remington-Brandywine-Culppr 115 kV		Dominion (100%)
b0327	Build 2 nd Harrisonburg – Valley 230 kV		APS (19.79%) / Dominion (76.18%) / PEPSCO (4.03%)
b0328.1	Build new Meadow Brook – Loudoun 500 kV circuit (30 of 50 miles)		AEC (1.89%) / AEP (17.30%) / APS (6.02%) / BGE (4.95%) / ComEd (14.97%) / Dayton (2.50%) / DL (2.02%) / DPL (2.85%) / Dominion (13.61%) / JCPL (4.50%) / ME (2.18%) / NEPTUNE* (0.49%) / PECO (6.31%) / PENELEC (2.06%) / PEPSCO (4.82%) / PPL (5.37%) / PSEG (7.61%) / RE (0.31%) / ECP** (0.24%)

* Neptune Regional Transmission System, LLC

** East Coast Power, L.L.C.

Virginia Electric and Power Company (cont.)

Required Transmission Enhancements	Annual Revenue Requirement	Responsible Customer(s)
b0328.3	Upgrade Mt. Storm 500 kV substation	AEC (1.89%) / AEP (17.30%) / APS (6.02%) / BGE (4.95%) / ComEd (14.97%) / Dayton (2.50%) / DL (2.02%) / DPL (2.85%) / Dominion (13.61%) / JCPL (4.50%) / ME (2.18%) / NEPTUNE* (0.49%) / PECO (6.31%) / PENELEC (2.06%) / PEPCO (4.82%) / PPL (5.37%) / PSEG (7.61%) / RE (0.31%) / ECP** (0.24%)
b0328.4	Upgrade Loudoun 500 kV substation	AEC (1.89%) / AEP (17.30%) / APS (6.02%) / BGE (4.95%) / ComEd (14.97%) / Dayton (2.50%) / DL (2.02%) / DPL (2.85%) / Dominion (13.61%) / JCPL (4.50%) / ME (2.18%) / NEPTUNE* (0.49%) / PECO (6.31%) / PENELEC (2.06%) / PEPCO (4.82%) / PPL (5.37%) / PSEG (7.61%) / RE (0.31%) / ECP** (0.24%)

* Neptune Regional Transmission System, LLC

** East Coast Power, L.L.C.

Virginia Electric and Power Company (cont.)

Required Transmission Enhancements	Annual Revenue Requirement	Responsible Customer(s)
b0329 Build Carson – Suffolk 500 kV, install 2 nd Suffolk 500/230 kV transformer & build Suffolk – Fentress 230 kV circuit		AEC (1.89%) / AEP (17.30%) / APS (6.02%) / BGE (4.95%) / ComEd (14.97%) / Dayton (2.50%) / DL (2.02%) / DPL (2.85%) / Dominion (13.61%) / JCPL (4.50%) / ME (2.18%) / NEPTUNE* (0.49%) / PECO (6.31%) / PENELEC (2.06%) / PEPCO (4.82%) / PPL (5.37%) / PSEG (7.61%) / RE (0.31%) / ECP** (0.24%)†
b0329 Build Carson – Suffolk 500 kV, install 2 nd Suffolk 500/230 kV transformer & build Suffolk – Fentress 230 kV circuit		Dominion (100%)††
b0330 Install Crewe 115 kV breaker and shift load from line 158 to 98		Dominion (100%)
b0331 Upgrade/resag Shell Bank – Whealton 115 kV (Line 165)		Dominion (100%)

* Neptune Regional Transmission System, LLC

** East Coast Power, L.L.C.

†Cost allocations associated with Regional Facilities and Necessary Lower Voltage Facilities associated with the project

††Cost allocations associated with below 500 kV elements of the project

Attachment 5a
ACE Translation of PSEG, PATH, VEPCO Costs
into BGS Rates

Atlantic City Electric Company

Transmission Enhancement Costs Allocated to ACE Zone (2010)

\$	2,797,018
\$	<u>2,797,018</u>

2009 ACE Zone Transmission Peak Load (MW)

2,707

Transmission Enhancement Rate (\$/MW-Month)

86.12

Rate Class	Col. 1 Transmission Obligation (MW)	Col. 2 Allocated Cost Recovery	Col. 3 BGS Eligible Sales January 2010 - December 2010 (kWh)	Col. 4 = Col. 2/Col. 3 Transmission Enhancement Charge (\$/kWh)	Col. 5 = Col. 4 x 1/(1-.005) Transmission Enhancement Charge w/ BPU Assessment (\$/kWh)	Col. 6 = Col. 5 x 1.07 Transmission Enhancement Charge w/ SUT (\$/kWh)
RS	1,443.7	\$ 1,491,929	4,386,042,000	\$ 0.000340	\$ 0.000342	\$ 0.000366
MGS Secondary	334.6	\$ 345,778	1,483,869,927	\$ 0.000233	\$ 0.000234	\$ 0.000250
MGS Primary	4.9	\$ 5,064	20,523,270	\$ 0.000247	\$ 0.000248	\$ 0.000265
AGS Secondary	411.8	\$ 425,557	1,894,184,777	\$ 0.000225	\$ 0.000226	\$ 0.000242
AGS Primary	92.0	\$ 95,073	527,377,442	\$ 0.000180	\$ 0.000181	\$ 0.000194
TGS	204.1	\$ 210,918	1,751,521,350	\$ 0.000120	\$ 0.000121	\$ 0.000129
SPL/CSL	0.0	\$ -	83,157,504	\$ -	\$ -	\$ -
DDC	1.6	\$ 1,653	13,103,730	\$ 0.000126	\$ 0.000127	\$ 0.000136
	2,492.7	\$ 2,575,972	10,159,780,000			

Attachment 5 a

Atlantic City Electric Company

Proposed PATH Projects Transmission Enhancement Charge (PATH Project-TEC Surcharge) effective January 1, 2010
To reflect FERC-approved PATH Project Transmission Enhancement Charge (Schedule 12 PJM OATT) effective January 1, 2010

Transmission Enhancement Costs Allocated to ACE Zone (2010)

\$ 435,701
\$ 435,701

2010 ACE Zone Transmission Peak Load (MW)

2,707

Transmission Enhancement Rate (\$/MW-Month)

\$ 13.41

Rate Class	Col. 1 Transmission Obligation (MW)	Col. 2 Allocated Cost Recovery	Col. 3 BGS Eligible Sales January 2010 - December 2010 (kWh)	Col. 4 = Col. 2/Col. 3 Transmission Enhancement Charge (\$/kWh)	Col. 5 = Col. 4 x 1/(1-.005) Transmission Enhancement Charge w/ BPU Assessment (\$/kWh)	Col. 6 = Col. 5 x 1.07 Transmission Enhancement Charge w/ SUT (\$/kWh)
RS	1,443.7	\$ 232,403	4,386,042,000	\$ 0.000053	\$ 0.000053	\$ 0.000057
MGS Secondary	334.6	\$ 53,863	1,483,869,927	\$ 0.000036	\$ 0.000036	\$ 0.000039
MGS Primary	4.9	\$ 789	20,523,270	\$ 0.000038	\$ 0.000038	\$ 0.000041
AGS Secondary	411.8	\$ 66,290	1,894,184,777	\$ 0.000035	\$ 0.000035	\$ 0.000037
AGS Primary	92.0	\$ 14,810	527,377,442	\$ 0.000028	\$ 0.000028	\$ 0.000030
TGS	204.1	\$ 32,855	1,751,521,350	\$ 0.000019	\$ 0.000019	\$ 0.000020
SPL/CSL	0.0	\$ -	83,157,504	\$ -	\$ -	\$ -
DDC	1.6	\$ 258	13,103,730	\$ 0.000020	\$ 0.000020	\$ 0.000021
	2,492.7	\$ 401,268	10,159,780,000			

Atlantic City Electric Company

Transmission Enhancement Costs Allocated to ACE Zone (2010)

\$	270,634
\$	270,634

2009 ACE Zone Transmission Peak Load (MW)

2,707

Transmission Enhancement Rate (\$/MW-Month)

\$ 8.33

Rate Class	Col. 1	Col. 2	Col. 3	Col. 4 = Col. 2/Col. 3	Col. 5 = Col. 4 x 1/(1-.005)	Col. 6 = Col. 5 x 1.07
	Transmission Obligation (MMW)	Allocated Cost Recovery	BGS Eligible Sales January 2010 - December 2010 (kWh)	Transmission Enhancement Charge (\$/kWh)	Transmission Enhancement Charge w/ BPU Assessment (\$/kWh)	Transmission Enhancement Charge w/ SUT (\$/kWh)
RS	1,443.7	\$ 144,356	4,386,042,000	\$ 0.000033	\$ 0.000033	\$ 0.000035
MGS Secondary	334.6	\$ 33,457	1,483,869,927	\$ 0.000023	\$ 0.000023	\$ 0.000025
MGS Primary	4.9	\$ 490	20,523,270	\$ 0.000024	\$ 0.000024	\$ 0.000026
AGS Secondary	411.8	\$ 41,176	1,894,184,777	\$ 0.000022	\$ 0.000022	\$ 0.000024
AGS Primary	92.0	\$ 9,199	527,377,442	\$ 0.000017	\$ 0.000017	\$ 0.000018
TGS	204.1	\$ 20,408	1,751,521,350	\$ 0.000012	\$ 0.000012	\$ 0.000013
SPL/CSL	0.0	\$ -	83,157,504	\$ -	\$ -	\$ -
DDC	1.6	\$ 160	13,103,730	\$ 0.000012	\$ 0.000012	\$ 0.000013
	2,492.7	\$ 249,246	10,159,780,000	\$	\$	\$

Attachment 5b
JCP&L Translation of PSEG, PATH, VEPCO Costs
into BGS Rates

Attachment 5b

Jersey Central Power & Light Company

Proposed PSEG Project Transmission Enhancement Charge (PSEG-TEC Surcharge) effective January 1, 2010
To reflect FERC-approved PSEG Project Transmission Enhancement Charge (Schedule 12 PJM OATT) effective January 2010

2010 Average Monthly PSEG-TEC Costs Allocated to JCP&L Zone \$ 1,630,956.02 (1)
2009 JCP&L Zone Transmission Peak Load (MW) 5738.4
PSEG-Transmission Enhancement Rate (\$/MW-month) \$ 284.22

BGS by Voltage Level	Transmission Obligation (MW)	Allocated Cost Recovery (\$) (2)	BGS Eligible Sales (kWh) (3)	Effective January 1, 2010:	
				PSEG-TEC Surcharge (\$/kWh)	PSEG-TEC Surcharge w/ SUT (\$/kWh)
Secondary (excluding lighting)	5071.5	17,296,933	18,186,089,239	\$ 0.000951	\$ 0.001018
Primary	338.8	1,155,516	2,073,307,520	\$ 0.000557	\$ 0.000596
Transmission @ 34.5 kV	312.6	1,066,158	2,031,965,744	\$ 0.000525	\$ 0.000562
Transmission @ 230 kV	15.5	52,865	336,623,068	\$ 0.000157	\$ 0.000168
Total	5738.4	19,571,472	22,627,985,571		

- (1) Attachment 4 Cost Allocation of PSEG Project Schedule 12 Charges to JCP&L Zone for 2010
(2) Based on 12 months PSEG Project costs from January through December 2010
(3) January through December 2010

BGS-FP Supplier Payment Adjustment

Line No.					
1	BGS-FP Eligible Sales January through December @ Customer		17,510,497	MWH	
2	BGS-FP Eligible Sales January through December @ Transmission Node		19,258,394	MWH	
3	BGS-FP Eligible Transmission Obligation		5,530	MW	
4	PSEG-Transmission Enhancement Costs to FP Suppliers	\$	18,860,700	= Line 3 x \$284.22 x 12	
5	Change to Supplier Payment Rates \$/MWH (rounded to 2 decimals)	\$	0.98	= Line 4 / Line 2	

Attachment 5b

Jersey Central Power & Light Company

Proposed PATH Project Transmission Enhancement Charge (PATH-TEC Surcharge) effective January 1, 2010

To reflect FERC-approved PATH Project Transmission Enhancement Charge (Schedule 12 PJM OATT) effective January 2010

2010 Average Monthly PATH-TEC Costs Allocated to JCP&L Zone	\$	86,448.69	(1)
2009 JCP&L Zone Transmission Peak Load (MWH)		5738.4	
PATH-Transmission Enhancement Rate (\$/MWH-month)	\$	15.06	

BGS by Voltage Level	Transmission Obligation (MWH)	Allocated Cost Recovery (\$)(2)	BGS Eligible Sales (kWh) (3)	Effective January 1, 2010:	
				PATH-TEC Surcharge (\$/kWh)	PATH-TEC Surcharge w/ SUT (\$/kWh)
Secondary (excluding lighting)	5071.5	916,823	18,186,089,239	\$ 0.000050	\$ 0.000054
Primary	338.8	61,248	2,073,307,520	\$ 0.000030	\$ 0.000032
Transmission @ 34.5 kV	312.6	56,512	2,031,965,744	\$ 0.000028	\$ 0.000030
Transmission @ 230 kV	15.5	2,802	336,623,068	\$ 0.000008	\$ 0.000009
Total	5738.4	1,037,384	22,627,985,571		

(1) Attachment 4 Cost Allocation of PATH Project Schedule 12 Charges to JCP&L Zone for 2010

(2) Based on 12 months PATH Project costs from January through December 2010

(3) January through December 2010

BGS-FP Supplier Payment Adjustment

Line No.					
1	BGS-FP Eligible Sales January through December @ Customer		17,510,497	MWH	
2	BGS-FP Eligible Sales January through December @ Transmission Node		19,258,394	MWH	
3	BGS-FP Eligible Transmission Obligation		5,530	MW	
4	PATH-Transmission Enhancement Costs to FP Suppliers	\$	999,710	= Line 3 x \$15.06 x 12	
5	Change to Supplier Payment Rates \$/MWH (rounded to 2 decimals)	\$	0.05	= Line 4 / Line 2	

Attachment 5b

Jersey Central Power & Light Company
Proposed VEPCO Project Transmission Enhancement Charge (VEPCO-TEC Surcharge) effective January 1, 2010
To reflect FERC-approved VEPCO Project Transmission Enhancement Charge (Schedule 12 PJM OATT) effective January 2010

2010 Average Monthly VEPCO-TEC Costs Allocated to JCP&L Zone \$ 53,697.31 (1)
2009 JCP&L Zone Transmission Peak Load (MW) 5738.4
VEPCO-Transmission Enhancement Rate (\$/MW-month) \$ 9.36

BGS by Voltage Level	Transmission Obligation (MW)	Allocated Cost Recovery (\$) (2)	BGS Eligible Sales (kWh) (3)	Effective January 1, 2010:	
				VEPCO-TEC Surcharge (\$/kWh)	VEPCO-TEC Surcharge w/ SUT (\$/kWh)
Secondary (excluding fighting)	5071.5	569,481	18,186,089,239	\$ 0.000031	\$ 0.000033
Primary	338.8	38,044	2,073,307,520	\$ 0.000018	\$ 0.000019
Transmission @ 34.5 kV	312.6	35,102	2,031,965,744	\$ 0.000017	\$ 0.000018
Transmission @ 230 kV	15.5	1,741	336,623,068	\$ 0.000005	\$ 0.000005
Total	5738.4	644,368	22,627,985,571		

- (1) Attachment 4 Cost Allocation of VEPCO Project Schedule 12 Charges to JCP&L Zone for 2010
(2) Based on 12 months VEPCO Project costs from January through December 2010
(3) January through December 2010

BGS-FP Supplier Payment Adjustment

Line No.					
1	BGS-FP Eligible Sales January through December @ Customer		17,510,497	MWH	
2	BGS-FP Eligible Sales January through December @ Transmission Node		19,258,394	MWH	
3	BGS-FP Eligible Transmission Obligation		5,530	MW	
4	VEPCO-Transmission Enhancement Costs to FP Suppliers	\$	620,966	= Line 3 x \$9.36 x 12	
5	Change to Supplier Payment Rates \$/MWH (rounded to 2 decimals)	\$	0.03	= Line 4 / Line 2	

Attachment 5c
RECO Translation of PSEG, PATH, VEPCO Costs
into BGS Rates

Rockland Electric Company

Calculation of Transmission Surcharges reflecting changes in Transmission Enhancement Charges (PATH) effective January 1, 2010
To reflect FERC-approved PATH Project Schedule 12 Charges (Schedule 12 PJM OATT) for 2010

2010 Average Monthly PATH-TEC Costs Allocated to RECO									
2009 RECO Zone Transmission Peak Load (MW)									
Transmission Enhancement Rate (\$/MW-month)									
	Col. 1	Col. 2	Col.3=Col.2 x \$5,955 x 12	Col. 4	Col. 5 = Col. 3/Col. 4	Col. 6 = Col. 5 x 1.07			
Rate Class	Full Service Transmission Obligation (MW)	Transmission Obligation (Pct)	Allocated Cost Recovery (1)	Full Service BGS Eligible Sales Jan 2010 - Dec 2010 (kWh)	Transmission Enhancement Charge (\$/kWh)	Transmission Enhancement Charge w/ SUT (\$/kWh)			
SC1	229.0	65.32%	\$ 46,678	714,451,000	\$ 0.00007	\$ 0.00007			
SC2 Secondary	90.1	25.70%	\$ 18,365	478,035,000	\$ 0.00004	\$ 0.00004			
SC2 Primary	7.7	2.20%	\$ 1,570	94,420,000	\$ 0.00002	\$ 0.00002			
SC3	0.0	0.00%	\$ -	291,000	\$ -	\$ -			
SC4	0.0	0.00%	\$ -	6,946,000	\$ -	\$ -			
SC5	3.5	1.00%	\$ 713	17,724,000	\$ 0.00004	\$ 0.00004			
SC6	0.0	0.00%	\$ -	3,998,000	\$ -	\$ -			
SC7	20.3	5.79%	\$ 4,138	63,344,000	\$ 0.00007	\$ 0.00007			
Total	350.6 (2)	100.00%	\$ 71,464	1,379,209,000					

(1) Attachment 4 - Cost Allocation of PATH Project Schedule 12 Charges to RECO Zone for 2010
(2) Includes RECO's Central and Western Divisions

BGS-FP Supplier Payment Adjustment

Line No.						
1	BGS-FP Eligible Sales Jan - Dec @ cust (RECO Eastern Division)	1,239,661	MWH			
2	BGS-FP Eligible Sales Jan - Dec @ trans node (RECO Eastern Division)	1,325,291	MWH			
3	BGS-FP Eligible Transmission Obligation	303	MW			
4	Transmission Enhancement Costs to FP Suppliers	\$ 61,777.43	= Line 3 x \$16.99 * 12			
5	Change in Supplier Payment Rate \$/MWH (rounded to 2 decimals)	\$ 0.05	= Line 4/Line 2			

Rockland Electric Company

Calculation of Transmission Surcharges reflecting changes in Transmission Enhancement Charges (PSE&G Project) effective January 1, 2010
To reflect FERC-approved PSE&G Project Schedule 12 Charges (Schedule 12 PJM OATT) for 2010

2010 Average Monthly PSE&G-TEC Costs Allocated to RECO												
2009 RECO Zone Transmission Peak Load (MW)												
Transmission Enhancement Rate (\$/MW-month)												
	Col. 1	Col. 2 Col.3=Col.2 x \$85,135 x 12			Col. 4	Col. 5 = Col. 3/Col. 4	Col. 6 = Col. 5 x 1.07					
Rate Class	Full Service	Transmission	Obligation	Transmission	Obligation	Allocated Cost	Recovery (1)	BGS Eligible Sales	Jan 2010 - Dec 2010	Full Service	Transmission	Enhancement
	Transmission											
SC1	229.0		65.32%	\$	667,286			714,451,000	\$	0.00093	\$	0.00100
SC2 Secondary	90.1		25.70%	\$	262,544			478,035,000	\$	0.00055	\$	0.00059
SC2 Primary	7.7		2.20%	\$	22,437			94,420,000	\$	0.00024	\$	0.00026
SC3	0.0		0.00%	\$	-			291,000	\$	-	\$	-
SC4	0.0		0.00%	\$	-			6,946,000	\$	-	\$	-
SC5	3.5		1.00%	\$	10,199			17,724,000	\$	0.00058	\$	0.00062
SC6	0.0		0.00%	\$	-			3,998,000	\$	-	\$	-
SC7	20.3		5.79%	\$	59,152			63,344,000	\$	0.00093	\$	0.00100
Total	350.6 (2)		100.00%	\$	1,021,618			1,379,209,000	\$		\$	

(1) Attachment 4 - Cost Allocation of PSE&G Project Schedule 12 Charges to RECO Zone for 2010

(2) Includes RECO's Central and Western Divisions

BGS-FP Supplier Payment Adjustment

Line No.

1	BGS-FP Eligible Sales Jan - Dec @ cust (RECO Eastern Division)	1,239,661	MWH	
2	BGS-FP Eligible Sales Jan - Dec @ trans node (RECO Eastern Division)	1,325,291	MWH	
3	BGS-FP Eligible Transmission Obligation	303	MW	
4	Transmission Enhancement Costs to FP Suppliers	\$ 882,955.50	= Line 3 x \$242.83 * 12	
5	Change in Supplier Payment Rate \$/MWH (rounded to 2 decimals)	\$ 0.67	= Line 4/Line 2	

Rockland Electric Company

Calculation of Transmission Surcharges reflecting changes in Transmission Enhancement Charges (VEPCo) effective January 1, 2010
To reflect FERC-approved VEPCo Project Schedule 12 Charges (Schedule 12 PJM OATT) for 2010

2010 Average Monthly VEPCo-TEC Costs Allocated to RECO		\$		3,699 (1)	
2009 RECO Zone Transmission Peak Load (MW)		\$		350.6 (2)	
Transmission Enhancement Rate (\$/MW-month)		\$		10.55	
Rate Class	Col. 1 Full Service Transmission Obligation (MW)	Col. 2 Col.3=Col.2 x \$3,699 x 12	Col. 4 Full Service BGS Eligible Sales Jan 2010 - Dec 2010 (kWh)	Col. 5 = Col. 3/Col. 4 Transmission Enhancement Charge (\$/kWh)	Col. 6 = Col. 5 x 1.07 Transmission Enhancement Charge w/ SUT (\$/kWh)
SC1	229.0	65.32%	714,451,000	0.00004	0.00004
SC2 Secondary	90.1	25.70%	478,035,000	0.00002	0.00002
SC2 Primary	7.7	2.20%	94,420,000	0.00001	0.00001
SC3	0.0	0.00%	291,000	-	-
SC4	0.0	0.00%	6,946,000	-	-
SC5	3.5	1.00%	17,724,000	0.00002	0.00002
SC6	0.0	0.00%	3,998,000	-	-
SC7	20.3	5.79%	63,344,000	0.00004	0.00004
Total	350.6 (2)	100.00%	1,379,209,000		

(1) Attachment 4 - Cost Allocation of VEPCo Schedule 12 Charges to RECO Zone for 2010
(2) Includes RECO's Central and Western Divisions

BGS-FP Supplier Payment Adjustment

Line No.				
1	BGS-FP Eligible Sales Jan - Dec @ cust (RECO Eastern Division)	1,239,661	MWH	
2	BGS-FP Eligible Sales Jan - Dec @ trans node (RECO Eastern Division)	1,325,291	MWH	
3	BGS-FP Eligible Transmission Obligation	303	MW	
4	Transmission Enhancement Costs to FP Suppliers	\$ 38,360.91	= Line 3 x \$10.55 * 12	
5	Change in Supplier Payment Rate \$/MWH (rounded to 2 decimals)	\$ 0.03	= Line 4/Line 2	

Rockland Electric Company

Calculation of Transmission Surcharges reflecting changes effective January 1, 2010

To reflect: RMR Costs

Attachment 5c

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FERC-approved ACE Project Schedule 12 Charges (Schedule 12 PJM OATT) currently in RECO's rates
 FERC-approved AEP-East Project Schedule 12 Charges (Schedule 12 PJM OATT) currently in RECO's rates
 FERC-approved Delmarva Project Schedule 12 Charges (Schedule 12 PJM OATT) currently in RECO's rates
 FERC-approved PATH Project Schedule 12 Charges (Schedule 12 PJM OATT) for 2010
 FERC-approved PEPCO Project Schedule 12 Charges (Schedule 12 PJM OATT) currently in RECO's rates
 FERC-approved PPL Project Schedule 12 Charges (Schedule 12 PJM OATT) currently in RECO's rates
 FERC-approved PSE&G Project Schedule 12 Charges (Schedule 12 PJM OATT) for 2010
 FERC-approved TrAILCo Project Schedule 12 Charges (Schedule 12 PJM OATT) currently in RECO's rates
 FERC-approved VEPCo Project Schedule 12 Charges (Schedule 12 PJM OATT) for 2010

(A) Transmission Surcharge rates by Transmission Project and Service Class (excluding SUT)

Transmission Project	Note	SC1	SC2 Sec	SC2 Pri	SC3	SC4	SC5	SC6	SC7
Reliability Must Run	(1)	\$0.00000	\$0.00000	\$0.00000	\$0.00000	\$0.00000	\$0.00000	\$0.00000	\$0.00000
ACE - TEC	(2)	0.00002	0.00001	0.00001	0.00002	0.00000	0.00001	0.00000	0.00001
AEP-East - TEC	(3)	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Delmarva - TEC	(4)	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
PATH - TEC	(5)	0.00007	0.00004	0.00002	0.00000	0.00000	0.00004	0.00000	0.00007
PEPCO - TEC	(6)	0.00003	0.00002	0.00001	0.00003	0.00000	0.00001	0.00000	0.00002
PPL - TEC	(7)	0.00001	0.00001	0.00000	0.00001	0.00000	0.00001	0.00000	0.00001
PSE&G - TEC	(8)	0.00093	0.00055	0.00024	0.00000	0.00000	0.00058	0.00000	0.00093
TrAILCo - TEC	(9)	0.00012	0.00007	0.00005	0.00011	0.00000	0.00006	0.00000	0.00008
VEPCo - TEC	(10)	0.00004	0.00002	0.00001	0.00000	0.00000	0.00002	0.00000	0.00004
Total (\$/kWh and excl SUT)		\$0.00122	\$0.00072	\$0.00034	\$0.00017	\$0.00000	\$0.00073	\$0.00000	\$0.00116
Total (¢/kWh and excl SUT)		0.122 ¢	0.072 ¢	0.034 ¢	0.017 ¢	0.000 ¢	0.073 ¢	0.000 ¢	0.116 ¢

(B) Transmission Surcharge rates by Transmission Project and Service Class (including SUT)

Transmission Project	Note	SC1	SC2 Sec	SC2 Pri	SC3	SC4	SC5	SC6	SC7
Reliability Must Run	(1)	\$0.00000	\$0.00000	\$0.00000	\$0.00000	\$0.00000	\$0.00000	\$0.00000	\$0.00000
ACE - TEC	(2)	0.00002	0.00001	0.00001	0.00002	0.00000	0.00001	0.00000	0.00001
AEP-East - TEC	(3)	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Delmarva - TEC	(4)	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
PATH - TEC	(5)	0.00007	0.00004	0.00002	0.00000	0.00000	0.00004	0.00000	0.00007
PEPCO - TEC	(6)	0.00003	0.00002	0.00001	0.00003	0.00000	0.00001	0.00000	0.00002
PPL - TEC	(7)	0.00001	0.00001	0.00000	0.00001	0.00000	0.00001	0.00000	0.00001
PSE&G - TEC	(8)	0.00100	0.00059	0.00026	0.00000	0.00000	0.00062	0.00000	0.00100
TrAILCo - TEC	(9)	0.00013	0.00007	0.00005	0.00012	0.00000	0.00006	0.00000	0.00009
VEPCo - TEC	(10)	0.00004	0.00002	0.00001	0.00000	0.00000	0.00002	0.00000	0.00004
Total (\$/kWh and incl SUT)		\$0.00130	\$0.00076	\$0.00036	\$0.00018	\$0.00000	\$0.00077	\$0.00000	\$0.00124
Total (¢/kWh and incl SUT)		0.130 ¢	0.076 ¢	0.036 ¢	0.018 ¢	0.000 ¢	0.077 ¢	0.000 ¢	0.124 ¢

Notes:

- (1) RMR rates based on allocations by transmission zone. For RECO, the estimated allocation is zero percent for calendar year 2010.
- (2) Current ACE-TEC rates pursuant to the Board's Order dated August 19, 2009 in Docket No. EO09060440.
- (3) Current AEP-East-TEC rates pursuant to the Board's Order dated August 19, 2009 in Docket No. EO09060440.
- (4) Current Delmarva-TEC rates pursuant to the Board's Order dated August 19, 2009 in Docket No. EO09060440.
- (5) PATH-TEC rates calculated in Attachment 5 of the joint EDC filing.
- (6) Current PEPCO-TEC rates pursuant to the Board's Order dated August 19, 2009 in Docket No. EO09060440.
- (7) Current PPL-TEC rates pursuant to the Board's Order dated August 19, 2009 in Docket No. EO09060440.
- (8) PSE&G-TEC rates calculated in Attachment 5 of the joint EDC filing.
- (9) Current TrAILCo-TEC rates pursuant to the Board's Order dated August 19, 2009 in Docket No. EO09060440.
- (10) VEPCo-TEC rates calculated in Attachment 5 of the joint EDC filing.