

2000 U.S. 27 SOUTH
P.O. BOX 908
RICHMOND, INDIANA 47375-0908
(765) 973-7200 FAX (765) 973-7286

September 15, 2015

Via Electronic Filing – 30 Day Filings – Electric

Brenda A. Howe
Secretary of the Commission
Indiana Utility Regulatory Commission
101 West Washington St., Suite 1500 E
Indianapolis, IN 46204

RE: Richmond Power & Light 30 Day Filing Pursuant to 170 IAC 1-6-1 et seq.

Dear Ms. Howe:

Pursuant to 170 IAC 1-6-5, please find enclosed the following 30 Day Filing by Richmond Power & Light: 4th Quarter ECA. The tariff sheets and work papers are attached. The purpose of this filing is to obtain approval from the Commission. This filing is necessary to allow Richmond Power & Light to recapture the actual costs of providing electricity. This filing is allowed under 170 IAC 1-6-3 for the following reasons: A filing for which the commission has already approved or accepted the procedure for the change.

The person at Richmond Power & Light to be contacted regarding this filing is:

Sandra Lambert
(765) 973-7200
2000 US 27 S, P.O. Box 908, Richmond, IN 47375-0908
sandral@rp-l.com

Affected customers have been notified as required under 170 IAC 1-6-6. Notice will be published in the Palladium Item on Thursday September 17, 2015. Notice has been posted in a public place in the Richmond Power & Light customer service office. Notice has also been posted on the Richmond Power & Light website at <http://www.rp-l.com/>. A copy of the notice is attached.

I verify that notice has been provided as stated in this letter and that this letter and the attached documents are true and accurate to the best of my knowledge, information, and belief.

Sincerely,



Sandra Lambert
Finance Manager



2000 U.S. 27 SOUTH
P.O. BOX 908
RICHMOND, INDIANA 47375-0908
(765) 973-7200 · FAX (765) 973-7286

September 15, 2015

Brad Borum
Indiana Utility Regulatory Commission
Electricity Division
PNC Center
101 West Washington Street
Suite 1500 East
Indianapolis, IN 46204-3407

TO THE INDIANA UTILITY REGULATORY COMMISSION:

1. Richmond Power & Light, 2000 U.S. 27 South, Richmond, Indiana, under and pursuant to the Public Service Commission Act, as amended, and Commission Order in Cause No. 36835-S3, hereby files with the Indiana Utility Regulatory Commission for its approval, an average decrease in its schedule of rates for electricity sold in the amount of \$0.002927 per kilowatt-hour (KWH).
2. The accompanying changes in schedules of rates are based solely upon the changes in the cost of purchased power and energy, purchased by this utility computed in accordance with the Indiana Utility Regulatory Commission Order in Cause No. 36835-S3, dated December 13, 1989.
3. All of the matters and facts stated herein and in the attached exhibits are true and correct. If approved, this change of rate shall take effect for the bills to be rendered beginning with the October 2015 billing cycle.

City of Richmond, Indiana

A handwritten signature in black ink, appearing to read 'Randall Baker', written over a horizontal line.

Randall Baker
General Manager

RICHMOND POWER & LIGHT

Appendix A

Rate Adjustments

The Rate Adjustments shall be on the basis of a Purchase Power Cost Adjustment Tracking Factor occasioned solely by changes in the cost of purchased power and energy, in accordance with the Order of the Indiana Utility Regulatory Commission, approved December 13, 1989 in Cause No. 36835-S3, as follows:

Rate Adjustments applicable to the below listed Rate Schedules are as follows:

R	\$	0.039530	per KWH
CL	\$	0.058372	per KWH
GP, GEH and EHS	\$	0.038667	per KWH
LPS and IS	\$	11.891279	per KVA
	\$	14.000117	per KW
	\$	0.017407	per KWH
OL, M, and N	\$	0.017390	per KWH

October , November and December 2015

LEGAL AD

Notice is hereby given that the municipal electric utility of the City of Richmond, Indiana known as Richmond Power and Light, under and pursuant to the Public Service Commission Act, as amended, and Commission Order in Cause No. 36835-S3, has filed with the Indiana Utility Regulatory Commission for its approval in the Rate Adjustment factors listed below by Rate Schedules:

R	\$ 0.039530	per KWH
CL	\$ 0.058372	per KWH
GP, GEH, and EHS	\$ 0.038667	per KWH
LPS and IS	\$ 11.891279	per KVA
	\$ 14.000117	per KW
	\$ 0.017407	per KWH
OL, M, and N	\$ 0.017390	per KWH

Rate adjustment changes are listed below by Rate Schedules:

R	decrease	\$ 0.002031	per KWH
CL	decrease	\$ 0.004171	per KWH
GP, GEH, and EHS	decrease	\$ 0.003281	per KWH
LPS and IS	decrease	\$ 0.557013	per KVA
	decrease	\$ 0.655795	per KW
	increase	\$ 0.000359	per KWH
OL, M, and N	increase	\$ 0.000317	per KWH

The accompanying changes in schedules of rate are based solely upon the changes in the cost of purchased power and energy, purchased by this utility computed in accordance with the Public Service Commission of Indiana order in Cause No. 36835-S3, dated December 13, 1989.

If approved, this change of rate shall take effect for the bills to be rendered beginning with the October 2015 billing cycle.

Richmond Power and Light
City of Richmond, Indiana
Randy Baker, General Manager

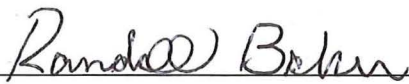
Any objections can be made to either of the following:

Indiana Utility Regulatory Commission
PNC Center
101 W. Washington Street
Suite 1500 East
Indianapolis, IN 46204-3407

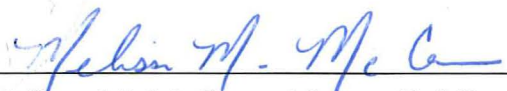
Office of Utility Consumer Counselor
PNC Center
115 W. Washington Street
Suite 1500 South
Indianapolis, IN 46204-3407

STATE OF INDIANA)
) SS:
COUNTY OF WAYNE)

Randy Baker personally appeared before me, a Notary Public in and for said county and state, this September 15, 2015 , who, after having been duly sworn according to law, stated that he is an officer of the City of Richmond, Indiana, that he has read the matters and facts stated above, and in all exhibits attached hereto, and that the same are true; that he is duly authorized to execute this instrument for and on behalf of the applicant herein.



Randall Baker, General Manager



Melissa M. McCann, Notary Public

My Commission Expires: July 6, 2019

My County of Residence: Wayne

Exhibit I

CITY OF RICHMOND, INDIANA

DETERMINATION OF INCREMENTAL CHANGE IN BASE RATE

LINE NO.	DESCRIPTION			DEMAND RELATED	ENERGY RELATED	LINE NO.
1	BASE RATE EFFECTIVE	01-Jan-15	(a)	\$20.897	\$0.030781	1
2	BASE RATE EFFECTIVE	01-Apr-05	(b)	\$10.582	\$0.016552	2
3	INCREMENTAL CHANGE IN BASE RATE (c)			\$10.315	\$0.014229	3

(a) IMPA rate effective for the period covered by this filing. The Base Rate includes the applicable Area Adjustment and Delivery Voltage Adjustment.

(b) Base purchased power rate including Area and Voltage Adjustments effective at the time of the member's last approved rate case was filed or January 27, 1983, whichever is more recent.

(c) Line 1 - Line 2

Exhibit II

CITY OF RICHMOND, INDIANA

ESTIMATION OF SAVINGS FROM DEDICATED CAPACITY PAYMENTS
FOR THE THREE MONTHS OF:

		Oct-15	Nov-15	Dec-15		
LINE NO.	DESCRIPTION	DEMAND RELATED			LINE NO.	
1	ESTIMATED MONTHLY GENERATING COSTS (h)			\$0.00	1	
2	LESS: MONTHLY GEN COSTS IN BASE RATES (i)			\$554,246.00	2	
3	EST GENERATING COSTS IN TRACKER (a)			(\$554,246.00)	3	
4	EST MONTHLY PAYMENT FROM IMPA (f)			\$0.00	4	
5	LESS: MONTHLY PAYMENTS IN BASE RATES (g)			\$632,538.00	5	
6	EST CAPACITY PAYMENTS IN TRACKER (b)			(\$632,538.00)	6	
7	ESTIMATED MONTHLY COSTS/(SAVINGS) (c)			\$78,292.00	7	
8	ESTIMATED AVERAGE MONTHLY KW (d)			129,230	8	
9	ESTIMATED COSTS/(SAVINGS) PER KW (e)			\$0.605835	9	

(a) Line 1 - Line 2

(b) Line 4 - Line 5

(c) Line 3 - Line 6 Times The Number Of Years Since Last Cost Of Service Study

(d) Exhibit III, Column E, Line 1

(e) Line 7 divided by Line 8

(f) Capacity Payments Forecasted By Indiana Municipal Power Agency

(g) Average capacity payments for 12 months ending March, 2004

(h) Estimated Generating Costs (see attachment)

(i) Average generating cost for 12 months ending March, 2004

Exhibit III

CITY OF RICHMOND, INDIANA
ESTIMATION OF ENERGY COST ADJUSTMENT
FOR THE THREE MONTHS OF:

LINE NO.	DESCRIPTION	Oct-15	Nov-15	Dec-15	TOTAL	ESTIMATED 3 MONTH AVERAGE	LINE NO.
		(A)	(B)	(C)	(D)	(E)	
	PURCHASED POWER FROM IMPA						
1	KW DEMAND	122,651	126,463	138,575	387,689	129,230	1
2	KWH ENERGY	72,880,757	71,850,047	79,532,081	224,262,885	74,754,295	2
	INCREMENTAL PURCHASED POWER COSTS						
	DEMAND RELATED						
3	ECA FACTOR PER KW	0.087	0.087	0.087		0.087	3
4	CHARGE (a)	\$10,670.64	\$11,002.28	\$12,056.03	\$33,728.94	\$11,242.98	4
	ENERGY RELATED						
5	ECA FACTOR PER KWH	0.002460	0.002460	0.002460		0.002460	5
6	CHARGE (b)	\$179,286.66	\$176,751.12	\$195,648.92	\$551,686.70	\$183,895.57	6

(a) Line 1 times Line 3
(b) Line 2 times Line 5

CITY OF RICHMOND, INDIANA

DETERMINATION OF RATE ADJUSTMENT FOR THE
THREE MONTHS OF

Oct-15

Nov-15

Dec-15

LINE NO.	DESCRIPTION	DEMAND RELATED	ENERGY RELATED	LINE NO.
		(A)	(B)	
1	INCREMENTAL CHANGE IN BASE RATE (a)	\$10.315	\$0.014229	1
2	ESTIMATED SAVINGS (LOSS) FROM DEDICATED CAPACITY PAYMENTS (b)	\$0.605835	--	2
3	ESTIMATED PURCHASED POWER ENERGY COST ADJUSTMENT (c)	\$0.087000	\$0.002460	3
4	ESTIMATED TOTAL CHANGE IN PURCHASED POWER RATE	\$11.007835	\$0.016689	4
5	EST CHANGE IN PURCHASED POWER RATE ADJ FOR LOSSES & GR INCOME TAX (d)	\$11.435668	\$0.017338	5
6	PLUS TRACKING FACTOR EFFECTIVE PRIOR TO JANUARY 27, 1983 (e)	\$0.000	\$0.000000	6
7	ESTIMATED TOTAL RATE ADJUSTMENT	\$11.435668	\$0.017338	7
8	ESTIMATED AVERAGE BILLING UNITS (f)	129,230	74,754,295	8
9	ESTIMATED INCREMENTAL CHANGE IN PURCHASED POWER COST (g)	\$1,477,831.38	\$1,296,089.97	9

(a) Exhibit I, Line 3

(b) Exhibit II, Line 9

(c) Exhibit III, Column E, Lines 3 and 5

(d) Line 4 divided by (1 - line loss factor)(0.986)

= 0.962587783

(e) Tracking Factor effective prior to January 27, 1983. This factor is zero if new rates have been filed and approved since January 27, 1983.

(f) Exhibit III, Column E, Lines 1 and 2

(g) Line 7 times Line 8

CITY OF RICHMOND, INDIANA

DETERMINATION OF RATE ADJUSTMENT FOR THE
THREE MONTHS OF:

LINE NO.	RATE SCHEDULE	KW DEMAND ALLOCATOR (%) (a)	KWH ENERGY ALLOCATOR (%) (a)	Oct-15	Nov-15	Dec-15			LINE NO.
				ALLOCATED ESTIMATED KW PURCHASED (b)	ALLOCATED ESTIMATED KWH PURCHASED (c)	INCREMENTAL CHANGE IN PURCHASED POWER COST ADJ FOR LINE LOSSES & GROSS RECEIPTS TAX			
						DEMAND (d)	ENERGY (e)	TOTAL	
(A)	(B)	(C)	(D)	(E)	(F)	(G)			
1	R	20.406%	19.003%	26,370.3	14,205,575	\$301,562.36	\$246,296.26	\$547,858.62	1
2	CL	7.841%	3.920%	10,132.7	2,930,092	\$115,874.15	\$50,801.94	\$166,676.09	2
3	GP, GEH & EHS	18.356%	17.273%	23,721.7	12,912,653	\$271,273.12	\$223,879.58	\$495,152.70	3
4	LPS, IS & TS	53.397%	58.511%	69,005.3	43,739,193	\$789,121.76	\$758,350.14	\$1,547,471.90	4
5	FLAT RATES	0.000%	1.293%	0.0	966,781	\$0.00	\$16,762.05	\$16,762.05	5
6	0	0.000%	0.000%	0.0	0	\$0.00	\$0.00	\$0.00	6
7	0	0.000%	0.000%	0.0	0	\$0.00	\$0.00	\$0.00	7
8	0	0.000%	0.000%	0.0	0	\$0.00	\$0.00	\$0.00	8
10	TOTAL	100.000%	100.000%	129,230.0	74,754,294	\$1,477,831.38	\$1,296,089.97	\$2,773,921.35	10

(a) Taken From Demand & Energy Allocation factor study for the period ending March 31, 2004

(b) Page 1 of 3, Column A, Line 8 times Page 2 of 3, Column A

(c) Page 1 of 3, Column B, Line 8 times Page 2 of 3, Column B

(d) Page 1 of 3, Column A, Line 9 times Page 2 of 3, Column A

(e) Page 1 of 3, Column B, Line 9 times Page 2 of 3, Column B

CITY OF RICHMOND, INDIANA

DETERMINATION OF RATE ADJUSTMENT FOR THE
THREE MONTHS OF:

Oct-15 Nov-15 Dec-15

LINE NO.	RATE SCHEDULE	PLUS VARIANCE (a)		TOTAL CHANGE IN PURCHASED POWER COST ADJ FOR LINE LOSSES & GROSS RECEIPTS TAX			RATE ADJUSTMENT FACTOR PER KWH (d)			LINE NO.
		DEMAND	ENERGY	DEMAND (b)	ENERGY (c)	TOTAL	DEMAND	ENERGY	TOTAL	
		(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)	
1	R	\$12,324.75	\$1,360.79	\$313,887.11	\$247,657.05	\$561,544.16	0.022096	0.017434	0.039530	1
2	CL	\$4,138.00	\$221.70	\$120,012.15	\$51,023.64	\$171,035.79	0.040958	0.017414	0.058372	2
3	GP, GEH & EHS	\$3,930.97	\$211.18	\$275,204.09	\$224,090.76	\$499,294.85	0.021313	0.017354	0.038667	3
4	LPS, IS & TS	\$176,960.51	\$3,002.06	\$966,082.27	\$761,352.20	\$1,727,434.48	0.022087	0.017407	0.039494 (f)	4
5	FLAT RATES	(\$0.02)	\$50.74	(\$0.02)	\$16,812.79	\$16,812.77	0.000000	0.017390	0.017390	5
6	0			\$0.00	\$0.00	\$0.00	0.000000	0.000000	0.000000	6
7	0			\$0.00	\$0.00	\$0.00	0.000000	0.000000	0.000000	7
8	0			\$0.00	\$0.00	\$0.00	0.000000	0.000000	0.000000	8
10	TOTAL	\$197,354.21	\$4,846.48	\$1,675,185.59	\$1,300,936.45	\$2,976,122.04	0.022409	0.017403	0.039812	10

(a) Exhibit IV, Page 4 of 7, Columns D and E divided by (1 - loss factor)(.986) =

0.962587783

(b) Page 2 of 3, Column E plus Page 3 of 3, Column A

(c) Page 2 of 3, Column F plus Page 3 of 3, Column B

(d) Page 3 of 3, Columns C, D and E divided by Page 2 of 3, Column D

(f) See Attachment (B)

CITY OF RICHMOND, INDIANA

RECONCILIATION OF VARIANCES FOR THE
THREE MONTHS OF

LINE NO.	DESCRIPTION	Apr-15	May-15	Jun-15	LINE NO.
			DEMAND RELATED	ENERGY RELATED	
			(A)	(B)	
1	INCREMENTAL CHANGE IN BASE RATE (a)		\$10.315	\$0.0142290	1
2	ACTUAL SAVINGS FROM DEDICATED CAPACITY PAYMENTS (b)		\$1.115	--	2
3	ACTUAL PURCHASED POWER ENERGY COST ADJUSTMENT (c)		\$0.087	\$0.0024600	3
4	PLUS TRACKING FACTOR EFFECTIVE PRIOR TO JANUARY 27, 1983 (d)		\$0.000	\$0.0000000	4
5	TOTAL RATE ADJUSTMENT (e)		\$11.517	\$0.0166890	5
6	ACTUAL AVERAGE BILLING UNITS (f)		126,366	68,079,510	6
7	ACTUAL INCREMENTAL CHANGE IN PURCHASED POWER COST (g)		\$1,455,413.45	\$1,136,178.94	7

(a) Attachment 1, Page 1 of 3, Line 1 of Tracker filing for the three months of:
Apr-15 May-15 Jun-15

(b) Exhibit IV, Page 5 of 7, Column E, Line 9

(c) Exhibit IV, Page 6 of 7, Column E, Lines 3 and 5

(d) Tracking Factor effective prior to January 27, 1983

From page 1 of 3, line 6 Tracker filing for the
three months of APRIL, MAY AND JUNE 2005

This line is zero if new rates have been approved since January 27, 1983.

(e) Sum of Lines 1 through 4

(f) Exhibit IV, Page 6 of 7, Column E, Lines 1 and 2

(g) Line 5 times Line 6

CITY OF RICHMOND, INDIANA
RECONCILIATION OF VARIANCES FOR THE
THREE MONTHS OF:

				Apr-15	May-15	Jun-15			
LINE NO.	RATE SCHEDULE	KW DEMAND ALLOCATOR	KWH ENERGY ALLOCATOR	ALLOCATED ACTUAL KW PURCHASED (b)	ALLOCATED ACTUAL KWH PURCHASED (c)	INCREMENTAL CHANGE IN PURCHASED POWER COST			LINE NO.
		(%) (a)	(%) (a)			DEMAND (d)	ENERGY (e)	TOTAL	
		(A)	(B)	(C)	(D)	(E)	(F)	(G)	
1	R	20.406%	19.003%	25,785.9	12,937,164	\$296,987.82	\$215,908.33	\$512,896.15	1
2	CL	7.841%	3.920%	9,908.1	2,668,465	\$114,116.40	\$44,534.02	\$158,650.42	2
3	GP, GEH & EHS	18.356%	17.273%	23,195.9	11,759,687	\$267,158.04	\$196,257.42	\$463,415.46	3
4	LPS, IS & TS	53.397%	58.511%	67,476.0	39,833,736	\$777,151.19	\$664,785.22	\$1,441,936.41	4
5	FLAT RATES	0.000%	1.293%	0.0	880,457	\$0.00	\$14,693.95	\$14,693.95	5
6		0.000%	0.000%	0.0	0	\$0.00	\$0.00	\$0.00	6
7		0.000%	0.000%	0.0	0	\$0.00	\$0.00	\$0.00	7
8		0.000%	0.000%	0.0	0	\$0.00	\$0.00	\$0.00	8
10	TOTAL	100.000%	100.000%	126,366.0	68,079,510	\$1,455,413.45	\$1,136,178.94	\$2,591,592.39	10

- (a) Page 2 of 3, Columns A and B of tracker filed for the months of Apr-15
 (b) Exhibit IV, Page 6 of 7, Column E, Line 1 times Exhibit IV, Page 2 of 7, Column A
 (c) Exhibit IV, Page 6 of 7, Column E, Line 2 times Exhibit IV, Page 2 of 7, Column B
 (d) Exhibit IV, Page 1 of 7, Column A, Line 7 times Exhibit IV, Page 2 of 7, Column A
 (e) Exhibit IV, Page 1 of 7, Column B, Line 7 times Exhibit IV, Page 2 of 7, Column B

May-15 Jun-15

CITY OF RICHMOND, INDIANA

RECONCILIATION OF VARIANCES FOR THE
THREE MONTHS OF:

LINE NO.	RATE SCHEDULE	ACTUAL AVERAGE KWH SALES (a)	ACTUAL AVERAGE KVA SALES (a)	Apr-15	May-15	Jun-15	INCREMENTAL KWH ENERGY COST BILLED BY MEMBER (e)	LESS PREVIOUS VARIANCE FOR MONTHS LISTED ABOVE		LINE NO.
				DEMAND ADJUSTMENT FACTOR PER KWH (b)	ENERGY ADJUSTMENT FACTOR PER KWH (c)	INCREMENTAL KW DEMAND COST BILLED BY MEMBER (d)		DEMAND (f)	ENERGY (g)	
-		(A)	(A)	(B)	(C)	(D)	(E)	(F)	(G)	-
1	R	12,608,327		0.026664	0.017875	\$331,481.79	\$222,218.61	\$46,357.63	\$7,620.16	1
2	CL	2,600,638		0.049953	0.017874	\$128,090.93	\$45,833.03	\$17,957.72	\$1,512.42	2
3	GP, GEH & EHS	11,460,779		0.027260	0.017659	\$308,046.94	\$199,552.49	\$44,672.81	\$3,498.35	3
4	LPS, IS & TS	38,821,241	67,476	12.077998	0.017874	\$803,565.42	\$684,176.39	\$196,754.26	\$22,280.92	4
5	FLAT RATES	858,078		0.000000	0.017871	\$0.00	\$15,120.03	(\$0.02)	\$474.92	5
6	0			0.000000	0.000000	\$0.00	\$0.00	\$0.00	\$0.00	6
7	0			0.000000	0.000000	\$0.00	\$0.00	\$0.00	\$0.00	7
8	0			0.000000	0.000000	\$0.00	\$0.00	\$0.00	\$0.00	8
10	TOTAL	66,349,063				\$1,571,185.09	\$1,166,900.55	\$305,742.40	\$35,386.77	10

(a) Exhibit IV, Page 7 of 7, Column E

(b) Page 3 of 3, Column F of Tracker Filing for the three months of:

(c) Page 3 of 3, Column G of Tracker Filing for the three months of:

(d) Column A times Column B times the Gross Income Tax Factor of:

(e) Column A times Column C times the Gross Income Tax Factor of:

(f) Exhibit IV, Page 4 of 7, Column D of Tracker Filing for the months of:

(g) Exhibit IV, Page 4 of 7, Column E of Tracker Filing for the months of:

Apr-15	May-15	Jun-15
Apr-15	May-15	Jun-15
0.986		
0.986		
Apr-15	May-15	Jun-15
Apr-15	May-15	Jun-15

CITY OF RICHMOND, INDIANA

RECONCILIATION OF VARIANCES FOR THE
THREE MONTHS OF:

		Apr-15			May-15			Jun-15				
LINE NO.	RATE SCHEDULE	NET INCREMENTAL COST BILLED BY MEMBER			VARIANCE			LINE NO.				
		DEMAND (a)	ENERGY (b)	TOTAL	DEMAND (c)	ENERGY (c)	TOTAL (c)					
		(A)	(B)	(C)	(D)	(E)	(F)					
1	R	\$285,124.16	\$214,598.45	\$499,722.61	\$11,863.66	\$1,309.88	\$13,173.54	1				
2	CL	\$110,133.21	\$44,320.61	\$154,453.82	\$3,983.19	\$213.41	\$4,196.60	2				
3	GP, GEH & EHS	\$263,374.13	\$196,054.14	\$459,428.28	\$3,783.91	\$203.28	\$3,987.18	3				
4	LPS, IS & TS	\$606,811.16	\$661,895.47	\$1,268,706.63	\$170,340.03	\$2,889.75	\$173,229.78	4				
5	FLAT RATES	\$0.02	\$14,645.11	\$14,645.13	(\$0.02)	\$48.84	\$48.82	5				
6	0	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	6				
7	0	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	7				
8	0	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	8				
10	TOTAL	\$1,265,442.69	\$1,131,513.78	\$2,396,956.48	\$189,970.76	\$4,665.16	\$194,635.91	10				

(a) Column D minus Column F from Exhibit IV, page 3 of 7

(b) Column E minus Column G from Exhibit IV, Page 3 of 7

(c) Columns E, F, and G from Exhibit IV, Page 2 of 7 minus Columns A, B, and C

CITY OF RICHMOND, INDIANA
DETERMINATION OF ACTUAL DEDICATED CAPACITY PAYMENTS
FOR THE THREE MONTHS OF

LINE NO.	DESCRIPTION	Apr-15 April	May-15 May	Jun-15 June	TOTAL (D)	AVERAGE (E)	LINE NO.
-		(A)	(B)	(C)			-
1	ACTUAL MEMBER GENERATING COSTS	\$187,987.00	\$0.00	\$0.00	\$187,987.00	\$62,662.33	1
2	LESS: GENERATING COSTS IN BASE RATES	\$ 554,246.00	\$ 554,246.00	\$ 554,246.00	\$1,662,738.00	\$554,246.00	2
3	DIFFERENCE IN ACTUAL TO BASE RATE COSTS (a)	(\$366,259.00)	(\$554,246.00)	(\$554,246.00)	(\$1,474,751.00)	(\$491,583.67)	3
4	ACTUAL MONTHLY PAYMENT FROM IMPA	\$ -	\$ -	\$ -	\$0.00	\$0.00	4
5	LESS: ESTIMATED PAYMENT IN BASE RATES (f)	\$ 632,538.00	\$ 632,538.00	\$ 632,538.00	\$1,897,614.00	\$632,538.00	5
6	DIFFERENCE IN ACTUAL TO BASE RATE PAYMENT (b)	(\$632,538.00)	(\$632,538.00)	(\$632,538.00)	(\$1,897,614.00)	(\$632,538.00)	6
7	ACTUAL CAPACITY PAYMENT SAVINGS TO BE COLLECTED THROUGH THE TRACKER (c)	\$266,279.00	\$78,292.00	\$78,292.00	\$422,863.00	\$140,954.33	7
8	ACTUAL MONTHLY KW BILLED (d)	117,597	119,899	141,603	379,099	126,366	8
9	ACTUAL CAPACITY PAYMENT SAVINGS PER KW (e)	\$2.264	\$0.653	\$0.553		\$1.115	9

(a) Line 1 minus Line 2

(b) Line 4 minus Line 5

(c) Line 3 minus Line 6

(d) Exhibit IV, Page 6 of 7, Line 1

(e) Line 7 divided by Line 8

(f) Exhibit II, Line 5

CITY OF RICHMOND, INDIANA
DETERMINATION OF ACTUAL ENERGY COST ADJUSTMENT
FOR THE THREE MONTHS OF:

LINE NO.	DESCRIPTION	Apr-15	May-15	Jun-15	TOTAL	ACTUAL 3 MONTH AVERAGE	LINE NO.
		(A)	(B)	(C)	(D)	(E)	
	PURCHASED POWER FROM IMPA						
1	KW DEMAND (a)	117,597	119,899	141,603	379,099	126,366	1
2	KWH ENERGY (a)	63,962,186	65,320,072	74,956,272	204,238,530	68,079,510	2
	INCREMENTAL PURCHASED POWER COSTS						
3	DEMAND RELATED ECA FACTOR PER KW (a)	0.087	0.087	0.087		0.087	3
4	CHARGE (b)	\$10,230.94	\$10,431.21	\$12,319.46	\$32,981.61	\$10,993.87	4
5	ENERGY RELATED ECA FACTOR PER KWH (a)	0.002460	0.002460	0.002460		0.002460	5
6	CHARGE (c)	\$157,346.98	\$160,687.38	\$184,392.43	\$502,426.78	\$167,475.59	6

(a) From IMPA bills for the months of:
(b) Line 1 times Line 3
(c) Line 2 times Line 5

Apr-15

May-15

Jun-15

CITY OF RICHMOND, INDIANA

DETERMINATION OF ACTUAL AVERAGE KWH SALES
FOR THE THREE MONTHS OF:

LINE NO.	RATE SCHEDULE	Apr-15	May-15	Jun-15	TOTAL	AVERAGE	LINE NO.
		Apr-15	May-15	Jun-15			
-		(A)	(B)	(C)	(D)	(E)	-
1	R	14,816,773	10,985,611	12,022,597	37,824,981	12,608,327	1
2	CL	3,035,653	2,344,887	2,421,375	7,801,915	2,600,638	2
3	GP, GEH & EHS	11,674,027	10,841,529	11,866,781	34,382,337	11,460,779	3
4	LPS, IS & TS	36,834,748	36,577,968	43,051,008	116,463,724	38,821,241	4
5	FLAT RATES	844,895	822,697	906,642	2,574,234	858,078	5
6	0	0	0	0	0	0	6
7	0	0	0	0	0	0	7
8	0	0	0	0	0	0	8
10	TOTAL	67,206,096	61,572,692	70,268,403	199,047,191	66,349,063	10

DETERMINATION OF ACTUAL AVERAGE KVA SALES

LPS & IS	66,342	63,323	72,764	202,428	67,476
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CITY OF RICHMOND, INDIANA

Exhibit IV
Page 8 of 8

DETERMINATION OF ACTUAL KW DEMAND ALLOCATION AND KWH ENERGY ALLOCATION FACTORS

Rate Tariffs		Average	Percent of	Rate Study		Rate Study	Adjusted
		Sales	Total kWh	kWh Energy	Variance	kW Demand	kW Demand
Code	Rate Schedule Name/Description			Factors		Factors	Allocators
		(A)	(B)	(C)	(D)	(E)	(F)
R	Residential Electric Service	12,608,327	19.003%	21.898%	-13.220%	22.955%	19.920%
CL	Commercial Lighting Service	2,600,638	3.920%	4.005%	-2.132%	7.821%	7.841%
GP, GEH & EHS	Gen Power, Gen Electric Heat & Electric Heat Schools	11,460,779	17.273%	8.904%	93.997%	9.237%	17.919%
LPS, IS & TS	Large Power, Industrial Service & Transmission Service	38,821,241	58.511%	64.065%	-8.670%	59.987%	53.397%
FLAT RATES	Outdoor Lighting, Street Lighting	858,078	1.293%	1.128%	1.293%	0.000%	0.000%
0	0	0	0.000%	0.000%	0.000%	0.000%	0.000%
0	0	0	0.000%	0.000%	0.000%	0.000%	0.000%
0	0	0	0.000%	0.000%	0.000%	0.000%	0.000%
Sales		66,349,064	100.000%	100.000%		100.000%	98.891%
Purchases		68,079,510					100.000%
Average Losses		2.5%					

(A) From utility billing records

(B) (A)/total of column (A)

(C) Taken from last cost of service study.

(D) Column (B)/Column (C)

(E) Taken from last cost of service study

(F) (1 + Column (D)) * (Column (E))

(G) Column (F)/total of Column (F)

4/1/2015 5/1/2015 6/1/2015

CITY OF RICHMOND, INDIANA

DETERMINATION OF RATE ADJUSTMENT FOR LPS & IS
FOR THE THREE MONTHS OF:

Oct-15

Nov-15

Dec-15

LINE
NO.

Rates LPS, IS & TS

Demand Related Adjustment Factor

1	From Page 3 of 3, Column C, Line 4	\$966,082.27
2	From Page 2 of 3, Column C, Line 4	69,005.30 kW
3	Line 1 divided by Line 2	14.000117 per KW
4	Line 3 multiplied by 84.937%	11.891279
5	Demand Related Rate Adjustment Factor	11.891279 per KVA

Rates LPS, IS & TS

Energy Related Adjustment Factor

6	From Page 3 of 3, Column D, Line 4	\$761,352.20
7	From Page 2 of 3, Column D, Line 4	43,739,193 KWH
8	Line 6 divided by Line 7	\$0.017407
9	Energy Related Adjustment Factor	\$0.017407 per KWH

Received: September 18, 2015

IURC 30-Day Filing No.: 3388

Indiana Utility Regulatory Commission

Energy Cost Adjustment (Revenue Report) KWH

	Apr-15	May-15	Jun-15
R - 44010	14,816,773	10,985,611	12,022,597
CWH - 44020			
K - 44030			
ASH - 44040			
CL - 44210	2,979,229	2,301,472	2,378,208
GP - 44220	11,106,004	10,365,452	11,404,616
IS - 44270	8,374,200	8,894,950	9,066,750
LPS - 44280	27,634,198	26,959,568	33,273,408
GEH - 44290	219,461	145,734	144,824
EH - 44250			
EHS - 44500	121,284	109,228	67,604
OL - 44260	271,766	249,586	254,380
FLAT - 44410 N	67,129	67,129	75,494
PARK OL -4	0	0	0
PARK OL - 5	0	0	0
PARK OL - 6	0	0	0
PARK OL - 95	0	0	0
PARL OL - 94	0	0	0
PARK OL - 93	0	0	0
CL - 41	56,424	43,415	43,167
ST LIT - CITY M	506,000	505,982	576,768
GP - 44	115,113	100,691	117,989
GEH - 46	112,165	120,424	131,748
IS - IS	826,350	723,450	710,850
LPS - CITY	0	0	0
CITY BILLS	0	0	0
	67,206,096	61,572,692	70,268,403
BY RATE CLASS			
R	14,816,773	10,985,611	12,022,597
CL	3,035,653	2,344,887	2,421,375
GP, GEH, & EHS	11,674,027	10,841,529	11,866,781
LPS & IS	36,834,748	36,577,968	43,051,008
OL, M, & N	844,895	822,697	906,642
TOTAL	67,206,096	61,572,692	70,268,403
	67,206,096	61,572,692	70,268,403
LPS & IS Coincident kW	66,342	63,323	72,764
	66,361,201	60,749,995	69,361,761

CAPACITY COST REPORT		April 2015	May 2015	June 2015
UNIT FIXED COSTS				
Acct No.				
500	Supv and Engr - Operation	0.00	0.00	0.00
502	Steam Expenses	0.00	0.00	0.00
505	Electric Expenses	0.00	0.00	0.00
506	Misc Steam Power Expenses	0.00	0.00	0.00
511	Maint of Structures	0.00	0.00	0.00
	Payroll Taxes	<u>0.00</u>	<u>0.00</u>	<u>0.00</u>
(A)	TOTAL UNIT FIXED COSTS	0.00	\$0.00	0.00
UNIT VARIABLE COSTS				
509	SO2 Allowances	0.00	0.00	0.00
509.1	NOX Allowances	0.00	0.00	0.00
510	Supv and Engr - Maint	0.00	0.00	0.00
512	Maint of Boiler Plant	0.00	0.00	0.00
513	Maint of Electric Plant	0.00	0.00	0.00
514	Misc Steam Plant Expenses	<u>0.00</u>	<u>0.00</u>	<u>0.00</u>
(B)	TOTAL UNIT VARIABLE COSTS	<u>0.00</u>	<u>0.00</u>	<u>0.00</u>
TOTAL PRODUCTION COST		0.00	\$0.00	0.00
ADMN.& GENERAL COSTS(PRODUCTION RELATED)				
920	Admn and general salaries	137,101.02	\$140,121.11	146,739.34
921	Office supplies and expense	26,338.06	70,426.64	42,619.38
923	Outside services employed	3,937.99	3,976.08	514.44
925	Injuries and damages	28,476.52	29,554.65	32,566.44
926	Employee pension and benefits	168,149.91	164,081.63	154,721.39
928	Regulatory commission expenses	0.00	0.00	0.00
930	Misc general expense	643.23	0.00	(7.95)
931	Rents	0.00	0.00	0.00
932	Maint of general plant	19,511.74	30,007.85	30,392.45
933	Transportation	7,620.13	6,561.36	6,485.17
	Payroll taxes	<u>12,229.84</u>	<u>13,128.06</u>	<u>12,761.73</u>
TOTAL ADMN AND GENERAL EXPENSES		404,008.44	457,857.38	426,792.39
PRR=		<u>0.000000</u>	<u>0.000000</u>	<u>0.000000</u>
(C)	PRODUCTION RELATED ADMN/GEN. EXPENSE	0.00	0.00	0.00
(D)	PLANT INSURANCE	187,987.00	0.00	0.00
(E)	DEBT SERVICE	0.00	0.00	0.00
AMORTIZATION AND INTEREST				
	Amortized capital	0.00	0.00	0.00
	Interest on capital	<u>0.00</u>	<u>0.00</u>	<u>0.00</u>
	Amortized Expenses on Unit #1 Scheduled Outage	0.00	0.00	0.00
	Interest on Expenses	<u>0.00</u>	<u>0.00</u>	<u>0.00</u>
(F)	Total amortization	<u>0.00</u>	<u>0.00</u>	<u>0.00</u>
(G)	TOTAL MEMBER PRODUCTION COSTS	187,987.00	0.00	0.00

CITY OF RICHMOND, INDIANA

EXHIBIT V

DETERMINATION OF DEMAND RELATED AND ENERGY RELATED
COSTS INCLUDED IN TRACKING FACTOR EFFECTIVE PRIOR TO JANUARY 27, 1983

LINE NO.	DESCRIPTION	DEMAND RELATED	ENERGY RELATED	TOTAL	LINE NO.
	<u>WHOLESALE POWER COSTS TRACKER</u>				
1	FERC DOCKET NOS. ER78-381 AND ER81-48 FILING DATED JULY 15, 1981.	(\$0.000241)	(\$0.000025)	(\$0.000266)	1
2	FERC DOCKET NO. ER82-555-000 FILING DATED AUGUST 3, 1982	\$0.001857	(\$0.000192)	\$0.001665	2
3	FERC DOCKET NO. ER82-555-000 FILING DATED NOVEMBER 18, 1982	\$0.001483	\$0.000000	\$0.001483	3
4	FERC DOCKET NO. ER82-555-000 FILING DATED JANUARY 3, 1983	(\$0.000964)	\$0.000130	(\$0.000834)	4
5	TOTAL WHOLESALE POWER COST TRACKER PER KWH - APPENDIX B, LINE 8 OF TRACKING FACTOR APPROVED ON JANUARY 27, 1983	\$0.002135	(\$0.000087)	\$0.002048	5
6	AVERAGE WEIGHTED FUEL COST CHARGE BILLED PER KWH - APPENDIX B, LINE 7 OF TRACKING FACTOR APPROVED ON JANUARY 27, 1983	\$0.000000	\$0.003597	\$0.003597	6
7	TOTAL PRESENT TRACKING FACTOR	\$0.002135	\$0.003510	\$0.005645	7

CITY OF RICHMOND
RICHMOND POWER & LIGHT

EXHIBIT V-A

DETERMINATION OF NET CAPACITY PURCHASE PAYMENTS
TWELVE MONTH PERIOD ENDED OCTOBER 31, 1982

LINE NO. -----	DESCRIPTION -----		LINE NO. -----
	PRODUCTION *		
1	FUEL	\$8,913,320.89	1
2	ALL OTHER PRODUCTION	\$0.00	2
3	OPERATING & MAINTENANCE	\$1,921,600.89	3
4	TOTAL PRODUCTION	\$10,834,921.78	4
5	ADMINISTRATIVE & GENERAL	\$505,382.69	5
6	PAYROLL RELATED TAXES	\$137,502.45	6
7	CONTRIBUTION IN LIEU OF PROPERTY TAXES	\$270,350.99	7
	DEPRECIATION		
8	PRODUCTION FACILITIES	\$838,266.48	8
9	GENERAL PLANT	\$25,858.39	9
10	TOTAL DEPRECIATION	\$864,124.87	10
11	TOTAL OPERATING REVENUE DEDUCTIONS	\$12,612,282.78	11
12	PROVISION FOR DEBT SERVICE	\$822,366.00	12
13	TOTAL COST	\$13,434,648.78	13
	CAPACITY PURCHASE PAYMENTS		
14	CAPACITY PAYMENT ** \$4.29 KW - MONTH X 93,400 KW X 12 MONTHS	\$4,808,232.00	14
15	FUEL PAYMENT \$.020093 KWH X 443,603,289 KWH	\$8,913,320.89	15
16	TOTAL PAYMENT	\$13,721,552.89	16
17	LESS TOTAL COST	(\$13,434,648.78)	17
18	TOTAL NET PAYMENT	\$286,904.11	18
	\$13,434,648.78 (\$8,913,320.89)		
	(\$ 4,521,327.89 / 12 = \$376,777.32 EXHIBIT II LINE 2)		
	(\$4,802,232 / 12 = \$400,686.00 EXHIBIT II LINE 5)		

* PRODUCTION EXPENSES FROM PAGE 1 OF NOTE A JANUARY 25, 1983 FILING

** CHANGED FROM \$4.94 OF PREVIOUS FILING TO \$4.29



IMPA
INDIANA MUNICIPAL POWER AGENCY

501.300

July 13, 2015

IMPA Board of Commissioners
Indiana Municipal Power Agency
11610 North College Avenue
Carmel, IN 46032

Dear Commissioner:

Enclosed are the estimated Energy Cost Adjustment factors for the fourth quarter (October, November and December) of 2015.

If you have any questions, please feel free to call Bev Matthews at (317) 428-6715.

Sincerely,

INDIANA MUNICIPAL POWER AGENCY

Bev Matthews
Vice President, Rates & Billing

BM/bn

Enclosure

cc: Pat Callahan
Greg Guerrettaz, Financial Solutions
Jarrod Hall, O.W. Krohn & Associates
Keith Gimbel, Gimbel & Associates
Don Gruenemeyer, JS Sawvel
Alex D. Hilt, H.J. Umbaugh

**INDIANA MUNICIPAL POWER AGENCY
ECA ESTIMATES FOR OCTOBER, NOVEMBER and DECEMBER
2015 - 4TH QUARTER**

	OCT	NOV	DEC	OCT	NOV	DEC
	<u>\$/kW-month</u>			<u>\$/kWh</u>		
IMPA's Energy Cost Adjustment	0.087	0.087	0.087	0.002460	0.002460	0.002460
To develop these Energy Cost Adjustment factors, IMPA used the following estimated loads for	<u>kW</u>			<u>kWh</u>		
RICHMOND	122,651	126,463	138,575	72,880,757	71,850,047	79,532,081



IMPA
INDIANA MUNICIPAL POWER AGENCY

Richmond Power & Light
P.O. Box 908
Richmond, IN 47374

Due Date:
06/15/15

Amount Due:
\$4,593,322.48

Billing Period: April 1 to April 30, 2015

Invoice No: INV0005080
Invoice Date: 05/14/15

Demand	kW	kvar	Power Factor	Date	Time (EST)	Load Factor
Maximum Demand:	117,597	(3,746)	99.95%	04/01/15	800	75.54%
CP Billing Demand:	117,597	(3,746)	99.95%	04/01/15	800	75.54%
kvar at 97% PF:		29,473				
Reactive Demand:		-				

Energy	kWh
WWVS Net Gen:	-
Richmond 1:	16,926,500
Richmond 2:	28,028,664
Richmond Solar:	170,097
Northwest:	11,944,438
Treaty:	6,892,487
Total Energy:	63,962,186

History	Apr 2015	Apr 2014	2015 YTD
Max Demand (kW):	117,597	114,820	154,106
CP Demand (kW):	117,597	114,820	154,106
Energy (kWh):	63,962,186	63,082,292	311,995,099
CP Load Factor:	75.54%	76.31%	
HDD/CDD (Indianapolis):	313/6	357/4	

Purchased Power Charges	Rate	Units	Charge
Base Demand Charge:	\$ 20.897 / kW x	117,597	\$ 2,457,424.51
ECA Demand Charge:	\$ 0.087 / kW x	117,597	\$ 10,230.94
Total Demand Charges:			\$ 2,467,655.45
Base Energy Charge:	\$ 0.030781 / kWh x	63,962,186	\$ 1,968,820.05
ECA Energy Charge:	\$ 0.002460 / kWh x	63,962,186	\$ 157,346.98
Total Energy Charges:			\$ 2,126,167.03
Average Purchased Power Cost: 7.18 cents per kWh			Total Purchased Power Charges: \$ 4,593,822.48

Other Charges and Credits

Adjustment - Lease payment for WWVS plant: \$ (500.00)

NET AMOUNT DUE: \$ 4,593,322.48

To avoid a late payment charge, as provided for in Schedule B, payment in full must be received by: 06/15/15

Questions, please call: 317-573-9955

Send payments to: Indiana Municipal Power Agency
Dept. 78757, P.O. Box 78000, Detroit, MI 48278-0757

IMPA Delivery Point Details

Richmond Power & Light

Billing Period: April 1, 2015 to April 30, 2015

[illegible]

[illegible]



IMPA
INDIANA MUNICIPAL POWER AGENCY

Richmond Power & Light
P.O. Box 908
Richmond, IN 47374

Due Date:
07/15/15

Amount Due:
\$4,686,765.13

Billing Period: May 1 to May 31, 2015

Invoice No: INV0005175
Invoice Date: 06/15/15

Demand	kW	kvar	Power Factor	Date	Time (EST)	Load Factor
Maximum Demand:	119,899	6,175	99.87%	05/29/15	1400	73.22%
CP Billing Demand:	119,899	6,175	99.87%	05/29/15	1400	73.22%
kvar at 97% PF:		30,050				
Reactive Demand:		-				

Energy	kWh
WWVS Net Gen:	1,386,966
Richmond 1:	20,322,475
Richmond 2:	18,397,499
Richmond Solar:	229,147
Northwest:	13,928,002
Treaty:	11,055,983
Total Energy:	65,320,072

History	May 2015	May 2014	2015 YTD
Max Demand (kW):	119,899	130,040	154,106
CP Demand (kW):	119,899	130,040	154,106
Energy (kWh):	65,320,072	68,219,575	377,315,171
CP Load Factor:	73.22%	70.51%	
HDD/CDD (Indianapolis):	79/140	153/100	

Purchased Power Charges	Rate	Units	Charge
Base Demand Charge:	\$ 20.897 / kW x	119,899	\$ 2,505,529.40
ECA Demand Charge:	\$ 0.087 / kW x	119,899	\$ 10,431.21
Total Demand Charges:			\$ 2,515,960.61
Base Energy Charge:	\$ 0.030781 / kWh x	65,320,072	\$ 2,010,617.14
ECA Energy Charge:	\$ 0.002460 / kWh x	65,320,072	\$ 160,687.38
Total Energy Charges:			\$ 2,171,304.52
Average Purchased Power Cost: 7.18 cents per kWh			Total Purchased Power Charges: \$ 4,687,265.13

Other Charges and Credits	
Adjustment - Lease payment for WWVS plant:	\$ (500.00)

NET AMOUNT DUE: \$ 4,686,765.13

To avoid a late payment charge, as provided for in Schedule B, payment in full must be received by: 07/15/15

Questions, please call: 317-573-9955

Send payments to: Indiana Municipal Power Agency
Dept. 78757, P.O. Box 78000, Detroit, MI 48278-0757

IMPA Delivery Point Details

Richmond Power & Light

Billing Period: May 1, 2015 to May 31, 2015

Delivery Point	Energy kWh	Individual Substation Maximum Demand					Demand at RICHMOND's Maximum Peak on 05/29/15 at 1400 EST				Demand at IMPA's Coincident Peak on 05/29/15 at 1400 EST			
		Date & Time	Max kW	kvar at Max	kVA at Max	Power Factor	kW at Memb Max	kvar at Memb Max	kVA	Power Factor	CP kW	kvar at CP	kVA	Power Factor
TOTAL	65,320,072						119,899	6,175	120,058	99.87%	119,899	6,175	120,058	99.87%
Richmond 1	20,322,475	05/29/15 at 1600 EST	44,050	11,100	45,427	96.97%	44,025	11,175	45,421	96.93%	44,025	11,175	45,421	96.93%
Richmond 2	18,397,499	05/14/15 at 0900 EST	48,852	3,763	48,997	99.70%	37,493	4,024	37,708	99.43%	37,493	4,024	37,708	99.43%
Richmond Solar	229,147	05/13/15 at 1000 EST	1,122	(213)	1,142	98.25%	771	(147)	785	98.23%	771	(147)	785	98.23%
Northwest	13,928,002	05/18/15 at 1300 EST	41,247	(6,476)	41,752	98.79%	20,923	(3,541)	21,221	98.60%	20,923	(3,541)	21,221	98.60%
Treaty	11,055,983	05/18/15 at 1400 EST	49,160	(10,579)	50,285	97.76%	17,296	(4,944)	17,989	96.15%	17,296	(4,944)	17,989	96.15%
WWVS Generation	1,815,767	-	-	-	-	-	-	-	-	-	-	-	-	-
WWVS House Power	(428,801)	-	-	-	-	-	(609)	(392)	724	84.09%	(609)	(392)	724	84.09%

IMPA Delivery Point Details

RICHMOND WWVS PLANT

Billing Period: May 1, 2015 to May 31, 2015

Delivery Point	Energy kWh	Individual Substation Maximum Demand					Demand at RICHMOND's Maximum Peak				Demand at IMPA's Coincident Peak			
		Date & Time	Max kW	kvar at Max	kVA at Max	Power Factor	kW at Memb Max	kvar at Memb Max	kVA	Power Factor	CP kW	kvar at CP	kVA	Power Factor
TOTAL	1,386,966						(609)	(392)	724	-84.09%	(609)	(392)	724	-84.09%
WWVS Gen1	192,508	05/28/15 at 1500 EST	32,743	-	32,743	100.00%	-	-	-	-	-	-	-	-
WWVS Gen2	1,623,259	05/27/15 at 1500 EST	64,339	1,358	64,353	99.98%	-	-	-	-	-	-	-	-
WWVS SO2MonitorHP	(479)	05/27/15 at 1100 EST	(2)	-	2	100.00%	(1)	-	1	100.00%	(1)	-	1	100.00%
WWVS PumpHouseHP	(1,978)	05/26/15 at 1500 EST	(151)	(106)	184	81.85%	(1)	(1)	1	70.71%	(1)	(1)	1	70.71%
WWVS LIFAC1HP	(836)	05/01/15 at 0800 EST	(2)	-	2	100.00%	(1)	(1)	1	70.71%	(1)	(1)	1	70.71%
WWVS LIFAC2HP	(38,948)	05/22/15 at 0800 EST	(64)	(47)	79	80.60%	(59)	(45)	74	79.51%	(59)	(45)	74	79.51%
WWVS LIFAC-TWRHP	(1,297)	05/21/15 at 0300 EST	(7)	(1)	7	98.99%	(2)	(1)	2	89.44%	(2)	(1)	2	89.44%
WWVS ZeroDischargeHP	(7,530)	05/27/15 at 1300 EST	(21)	(14)	25	83.21%	(18)	(13)	22	81.07%	(18)	(13)	22	81.07%
WWVS FirePump1HP	(24)	05/27/15 at 2100 EST	(24)	(15)	28	84.80%	-	-	-	-	-	-	-	-
WWVS FirePump2HP	(783)	05/01/15 at 0300 EST	(3)	(3)	4	70.71%	-	(2)	2	-	-	(2)	2	-
WWVS BaghouseHP	(57,193)	05/28/15 at 1300 EST	(874)	(544)	1,029	84.90%	(37)	(8)	38	97.74%	(37)	(8)	38	97.74%
WWVS G1HP1	(6,224)	05/28/15 at 1600 EST	(916)	(884)	1,273	71.96%	-	-	-	-	-	-	-	-
WWVS G1HP2	(76,609)	05/28/15 at 1500 EST	(1,425)	(952)	1,714	83.15%	(399)	(246)	469	85.12%	(399)	(246)	469	85.12%
WWVS G2HP1	(135,527)	05/26/15 at 1700 EST	(4,884)	(3,280)	5,883	83.02%	-	-	-	-	-	-	-	-
WWVS G2HP2	(101,373)	05/22/15 at 1700 EST	(2,256)	(1,885)	2,940	76.74%	(91)	(75)	118	77.17%	(91)	(75)	118	77.17%



IMPA
INDIANA MUNICIPAL POWER AGENCY

Richmond Power & Light
P.O. Box 908
Richmond, IN 47374

Due Date:
08/13/15

Amount Due:
\$5,462,518.79

Billing Period: June 1 to 30, 2015

Invoice No: INV0005316
Invoice Date: 07/14/15

Demand	kW	kvar	Power Factor	Date	Time (EST)	Load Factor
Maximum Demand:	141,603	15,741	99.39%	06/18/15	1500	73.52%
CP Billing Demand:	141,603	15,741	99.39%	06/18/15	1500	73.52%
kvar at 97% PF:		35,489				
Reactive Demand:		-				

Energy	kWh
WWVS Net Gen:	5,916,226
Richmond 1:	18,901,700
Richmond 2:	30,794,098
Richmond Solar:	186,322
Northwest:	12,119,995
Treaty:	7,037,931
Total Energy:	74,956,272

History	Jun 2015	Jun 2014	2015 YTD
Max Demand (kW):	141,603	145,500	154,106
CP Demand (kW):	141,603	145,500	154,106
Energy (kWh):	74,956,272	76,654,075	452,271,443
CP Load Factor:	73.52%	73.17%	
HDD/CDD (Indianapolis):	16/251	2/238	

Purchased Power Charges	Rate	Units	Charge
Base Demand Charge:	\$ 20.897 / kW x	141,603	\$ 2,959,077.89
ECA Demand Charge:	\$ 0.087 / kW x	141,603	\$ 12,319.46
Total Demand Charges:			\$ 2,971,397.35
Base Energy Charge:	\$ 0.030781 / kWh x	74,956,272	\$ 2,307,229.01
ECA Energy Charge:	\$ 0.002460 / kWh x	74,956,272	\$ 184,392.43
Total Energy Charges:			\$ 2,491,621.44
Average Purchased Power Cost: 7.29 cents per kWh			Total Purchased Power Charges: \$ 5,463,018.79

Other Charges and Credits

Adjustment - Lease payment for WWVS plant: \$ (500.00)

NET AMOUNT DUE: \$ 5,462,518.79

To avoid a late payment charge, as provided for in Schedule B, payment in full must be received by: 08/13/15

Questions, please call: 317-573-9955

Send payments to: Indiana Municipal Power Agency
Dept. 78757, P.O. Box 78000, Detroit, MI 48278-0757

IMPA Delivery Point Details

Richmond Power & Light
Billing Period: June 1, 2015 to June 30, 2015

Delivery Point	Energy kWh	Individual Substation Maximum Demand					Demand at RICHMOND's Maximum Peak on 06/18/15 at 1500 EST				Demand at IMPA's Coincident Peak on 06/18/15 at 1500 EST			
		Date & Time	Max kW	kvar at Max	kVA at Max	Power Factor	kW at Memb Max	kvar at Memb Max	kVA	Power Factor	CP kW	kvar at CP	kVA	Power Factor
TOTAL	74,956,272						141,603	15,741	142,475	99.39%	141,603	15,741	142,475	99.39%
Richmond 1	18,901,700	06/15/15 at 1600 EST	41,350	16,025	44,347	93.24%	40,400	18,775	44,550	90.69%	40,400	18,775	44,550	90.69%
Richmond 2	30,794,098	06/02/15 at 1000 EST	67,194	13,579	68,552	98.02%	55,228	19,645	58,618	94.22%	55,228	19,645	58,618	94.22%
Richmond Solar	186,322	06/28/15 at 1100 EST	1,102	(208)	1,121	98.26%	35	(20)	40	86.82%	35	(20)	40	86.82%
Northwest	12,119,995	06/23/15 at 1200 EST	29,924	(2,643)	30,040	99.61%	26,660	(8,047)	27,848	95.73%	26,660	(8,047)	27,848	95.73%
Treaty	7,037,931	06/23/15 at 1200 EST	32,967	(10,929)	34,731	94.92%	20,267	(13,906)	24,579	82.46%	20,267	(13,906)	24,579	82.46%
WWVS Generation	6,923,201	-	-	-	-	-	-	-	-	-	-	-	-	-
WWVS House Power	(1,006,975)	-	-	-	-	-	(987)	(706)	1,214	81.33%	(987)	(706)	1,214	81.33%

IMPA Delivery Point Details

RICHMOND WWVS PLANT

Billing Period: June 1, 2015 to June 30, 2015

Delivery Point	Energy kWh	Individual Substation Maximum Demand					Demand at RICHMOND's Maximum Peak				Demand at IMPA's Coincident Peak			
		Date & Time	Max kW	kvar at Max	kVA at Max	Power Factor	kW at Memb Max	kvar at Memb Max	kVA	Power Factor	CP kW	kvar at CP	kVA	Power Factor
TOTAL	5,916,226						(987)	(706)	1,214	-81.33%	(987)	(706)	1,214	-81.33%
WWVS Gen1	1,809,141	06/11/15 at 1600 EST	35,952	-	35,952	100.00%	-	-	-	-	-	-	-	-
WWVS Gen2	5,114,060	06/23/15 at 1500 EST	65,338	480	65,340	100.00%	-	-	-	-	-	-	-	-
WWVS SO2MonitorHP	(725)	06/05/15 at 2000 EST	(2)	-	2	100.00%	(2)	-	2	100.00%	(2)	-	2	100.00%
WWVS PumpHouseHP	(7,251)	06/12/15 at 1300 EST	(153)	(109)	188	81.45%	(1)	(1)	1	70.71%	(1)	(1)	1	70.71%
WWVS LIFAC1HP	(1,933)	06/22/15 at 0800 EST	(8)	(14)	16	49.61%	(2)	-	2	100.00%	(2)	-	2	100.00%
WWVS LIFAC2HP	(34,183)	06/24/15 at 1200 EST	(64)	(46)	79	81.20%	-	(1)	1	-	-	(1)	1	-
WWVS LIFAC-TWRHP	(1,710)	06/02/15 at 0900 EST	(7)	(1)	7	98.99%	(4)	-	4	100.00%	(4)	-	4	100.00%
WWVS ZeroDischargeHP	(9,532)	06/04/15 at 1300 EST	(19)	(14)	24	80.51%	(16)	(13)	21	77.61%	(16)	(13)	21	77.61%
WWVS FirePump1HP	(16)	06/22/15 at 1800 EST	(16)	(10)	19	84.80%	-	-	-	-	-	-	-	-
WWVS FirePump2HP	(701)	06/01/15 at 0100 EST	(3)	(3)	4	70.71%	(1)	(2)	2	44.72%	(1)	(2)	2	44.72%
WWVS BaghouseHP	(113,450)	06/11/15 at 1600 EST	(955)	(580)	1,117	85.47%	(74)	(44)	86	85.95%	(74)	(44)	86	85.95%
WWVS G1HP1	(79,964)	06/22/15 at 1500 EST	(1,158)	(998)	1,529	75.75%	-	-	-	-	-	-	-	-
WWVS G1HP2	(147,613)	06/22/15 at 1200 EST	(1,267)	(941)	1,578	80.28%	(162)	(118)	200	80.83%	(162)	(118)	200	80.83%
WWVS G2HP1	(480,060)	06/23/15 at 1500 EST	(5,074)	(3,281)	6,042	83.97%	-	-	-	-	-	-	-	-
WWVS G2HP2	(129,837)	06/18/15 at 0800 EST	(1,885)	(1,791)	2,600	72.50%	(725)	(527)	896	80.89%	(725)	(527)	896	80.89%

REVENUE REPORT

April-15

1

	RATE CODE	HOURS	REVENUE DOLLARS	KVA
RESIDENTIAL				
		<u>14,816,773</u>	<u>\$ 1,622,670.82</u>	
	Total R 44010	14,816,773	\$ 1,622,670.82	
COMMERCIAL				
		<u>2,979,229</u>	<u>\$ 451,659.17</u>	
	Total CL 44210	2,979,229	\$ 451,659.17	
GENERAL POWER				
		<u>11,106,004</u>	<u>\$ 1,165,378.17</u>	<u>17,964</u>
	Total GP 44220	11,106,004	\$ 1,165,378.17	17,964
INDUSTRIAL POWER				
	IS -COIN	5,495,700	\$ 499,794.94	14,994
	IS	<u>2,878,500</u>	<u>\$ 245,380.30</u>	<u>5,699</u>
	Total IS 44270	8,374,200	\$ 745,175.24	20,693
LARGE POWER				
	LPS-COIN	18,923,862	\$ 1,720,671.10	51,086
	LPS	<u>8,710,336</u>	<u>\$ 817,368.75</u>	<u>20,819</u>
	Total LPS 44280	27,634,198	\$ 2,538,039.85	71,905
GENERAL ELECT HEAT				
		<u>219,461</u>	<u>\$ 23,491.67</u>	<u>46</u>
	Total GEH 44290	219,461	\$ 23,491.67	46
ELECTRIC HEAT SCHOOLS				
	43	<u>121,284</u>	<u>\$ 11,935.44</u>	<u>0</u>
	Total EHS 44500	121,284	\$ 11,935.44	0
RESIDENTIAL - OLS				
		<u>271,766</u>	<u>\$ 23,455.50</u>	
	Total OLS 44260	271,766	\$ 23,455.50	
FLAT RATE (237)				
	Rate 8 - N	27,973	\$ 6,137.86	
	Rate 39 - CATV	<u>39,156</u>	<u>\$ 6,773.20</u>	
	Total N 44410	67,129	\$ 12,911.06	
ACCOUNTS RECEIVABLE CONTROL				
	Total 14210	<u>65,590,044</u>	<u>\$ 6,594,716.92</u>	<u>110,562</u>

April-15

	RATE CODE	KILOWATT HOURS	REVENUE	KVA
TRAFFIC LIGHTS				
STREET DEPT	44430	7,214	\$ 2,080.48	
PUBLIC BLDGS - CITY	44230	49,210	\$ 7,143.98	
CITY STREET LIGHTS				
Rate 7	44420	<u>506,000</u>	<u>\$ 65,832.00</u>	
	CITY - GP 44	115,113	\$ 12,901.51	0
	CITY - GEH 46	112,165	\$ 12,629.55	35
	Sanitation - IS	<u>826,350</u>	<u>\$ 62,711.17</u>	<u>1,490</u>
	44240	1,053,628	\$ 88,242.23	1,525
	CITY -14610	<u>1,616,052</u>	<u>\$ 163,298.69</u>	<u>1,525</u>
TOTAL ALL REC'V [14210+14610]		<u><u>67,206,096</u></u>	<u><u>\$ 6,758,015.61</u></u>	<u><u>112,133</u></u>
	PENALTIES 45000		\$ 56,163.97	
	SALES TAX 24170		\$ 230,823.65	
	WRITE OFFS 14400		<u>\$ 42,029.24</u>	
TOTAL OF ALL CHARGES		<u><u>67,206,096</u></u>	<u><u>\$ 7,087,032.47</u></u>	

REVENUE REPORT

May-15

1

	RATE CODE	HOURS	REVENUE DOLLARS	KVA
RESIDENTIAL				
		<u>10,985,611</u>	<u>\$ 1,267,795.87</u>	
	Total R 44010	10,985,611	\$ 1,267,795.87	
COMMERCIAL				
		<u>2,301,472</u>	<u>\$ 364,561.63</u>	
	Total CL 44210	2,301,472	\$ 364,561.63	
GENERAL POWER				
		<u>10,365,452</u>	<u>\$ 1,079,531.54</u>	<u>18,392</u>
	Total GP 44220	10,365,452	\$ 1,079,531.54	18,392
INDUSTRIAL POWER				
	IS -COIN	5,534,550	\$ 492,068.98	14,719
	IS	<u>3,360,400</u>	<u>\$ 280,347.87</u>	<u>6,429</u>
	Total IS 44270	8,894,950	\$ 772,416.85	21,148
LARGE POWER				
	LPS-COIN	17,704,510	\$ 1,547,163.27	43,653
	LPS	<u>9,255,058</u>	<u>\$ 879,186.52</u>	<u>22,039</u>
	Total LPS 44280	26,959,568	\$ 2,426,349.79	65,692
GENERAL ELECT HEAT				
		<u>145,734</u>	<u>\$ 15,704.65</u>	<u>45</u>
	Total GEH 44290	145,734	\$ 15,704.65	45
ELECTRIC HEAT SCHOOLS				
	43	<u>109,228</u>	<u>\$ 10,424.81</u>	<u>0</u>
	Total EHS 44500	109,228	\$ 10,424.81	0
RESIDENTIAL - OLS				
		<u>249,586</u>	<u>\$ 22,374.59</u>	
	Total OLS 44260	249,586	\$ 22,374.59	
FLAT RATE (237)				
	Rate 8 - N	27,973	\$ 6,078.53	
	Rate 39 - CATV	<u>39,156</u>	<u>\$ 6,522.76</u>	
	Total N 44410	67,129	\$ 12,601.29	
ACCOUNTS RECEIVABLE CONTROL				
	Total 14210	<u>60,078,730</u>	<u>\$ 5,971,761.02</u>	<u>105,232</u>

May-15

	RATE CODE	KILOWATT HOURS	REVENUE	KVA
TRAFFIC LIGHTS				
STREET DEPT	44430	6,470	\$ 1,943.65	
PUBLIC BLDGS - CITY	44230	36,945	\$ 5,434.98	
CITY STREET LIGHTS				
Rate 7	44420	<u>505,982</u>	<u>\$ 65,057.70</u>	
	CITY - GP 44	100,691	\$ 11,348.13	0
	CITY - GEH 46	120,424	\$ 12,643.21	36
	Sanitation - IS	<u>723,450</u>	<u>\$ 54,373.54</u>	<u>1,418</u>
	44240	944,565	\$ 78,364.88	1,454
	CITY -14610	<u>1,493,962</u>	<u>\$ 150,801.21</u>	<u>1,454</u>
TOTAL ALL REC'V [14210+14610]		<u><u>61,572,692</u></u>	<u><u>\$ 6,122,562.23</u></u>	<u><u>106,731</u></u>
	PENALTIES 45000		\$ 45,763.88	
	SALES TAX 24170		\$ 198,957.96	
	WRITE OFFS 14400		\$ 44,738.59	
TOTAL OF ALL CHARGES		<u><u>61,572,692</u></u>	<u><u>\$ 6,412,022.66</u></u>	

REVENUE REPORT

June-15

1

	RATE CODE	HOURS	REVENUE DOLLARS	KVA
RESIDENTIAL				
		<u>12,022,597</u>	<u>\$ 1,365,065.91</u>	
	Total R 44010	12,022,597	\$ 1,365,065.91	
COMMERCIAL				
		<u>2,378,208</u>	<u>\$ 375,173.84</u>	
	Total CL 44210	2,378,208	\$ 375,173.84	
GENERAL POWER				
		<u>11,404,616</u>	<u>\$ 1,214,349.98</u>	<u>18,296</u>
	Total GP 44220	11,404,616	\$ 1,214,349.98	18,296
INDUSTRIAL POWER				
	IS -COIN	5,567,100	\$ 484,197.96	14,863
	IS	3,499,650	\$ 287,693.14	6,830
	Total IS 44270	<u>9,066,750</u>	<u>\$ 771,891.10</u>	<u>21,693</u>
LARGE POWER				
	LPS-COIN	23,530,404	\$ 1,923,480.48	49,227
	LPS	9,743,004	\$ 896,015.54	22,937
	Total LPS 44280	<u>33,273,408</u>	<u>\$ 2,819,496.02</u>	<u>72,164</u>
GENERAL ELECT HEAT				
		<u>144,824</u>	<u>\$ 15,687.14</u>	<u>42</u>
	Total GEH 44290	144,824	\$ 15,687.14	42
ELECTRIC HEAT SCHOOLS				
	43	67,604	\$ 6,977.05	0
	Total EHS 44500	<u>67,604</u>	<u>\$ 6,977.05</u>	<u>0</u>
RESIDENTIAL - OLS				
		<u>254,380</u>	<u>\$ 22,298.00</u>	
	Total OLS 44260	254,380	\$ 22,298.00	
FLAT RATE (237)				
	Rate 8 - N	30,937	\$ 5,909.59	
	Rate 39 - CATV	44,557	\$ 7,481.09	
	Total N 44410	<u>75,494</u>	<u>\$ 13,390.68</u>	
ACCOUNTS RECEIVABLE CONTROL				
	Total 14210	<u>68,687,881</u>	<u>\$ 6,604,329.72</u>	<u>112,153</u>

June-15

	RATE CODE	KILOWATT HOURS	REVENUE	KVA
TRAFFIC LIGHTS				
STREET DEPT	44430	6,389	\$ 2,015.97	
PUBLIC BLDGS - CITY	44230	36,778	\$ 5,588.52	
CITY STREET LIGHTS				
Rate 7	44420	<u>576,768</u>	<u>\$ 65,396.62</u>	
	CITY - GP 44	117,989	\$ 13,823.66	0
	CITY - GEH 46	131,748	\$ 14,566.32	37
	Sanitation - IS	710,850	\$ 55,279.28	1,464
	44240	<u>960,587</u>	<u>\$ 83,669.26</u>	<u>1,501</u>
	CITY -14610	<u>1,580,522</u>	<u>\$ 156,670.37</u>	<u>1,501</u>
TOTAL ALL REC'V [14210+14610]		<u><u>70,268,403</u></u>	<u><u>\$ 6,761,000.09</u></u>	<u><u>113,696</u></u>
	PENALTIES 45000		\$ 42,007.06	
	SALES TAX 24170		\$ 215,091.00	
	WRITE OFFS 14400		<u>\$ 39,332.47</u>	
TOTAL OF ALL CHARGES		<u><u>70,268,403</u></u>	<u><u>\$ 7,057,430.62</u></u>	