



RICHMOND POWER & LIGHT

www.RP-L.com

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

July 26, 2018

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 2018 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
sandal@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 Saturday July 28, 2018. 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





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(765) 973-7200 FAX (765) 973-7286

July 26, 2018

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 increase in its schedule of rates for electricity sold in the amount of \$0.000136 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 2018 billing cycle.

City of Richmond, Indiana

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	\$	0.041990	per KWH
CL	\$	0.068638	per KWH
GP, GEH and EHS	\$	0.041657	per KWH
LPS and IS	\$	12.943780	per KVA
	\$	15.239272	per KW
	\$	0.011083	per KWH
OL, M, and N	\$	0.011146	per KWH

October , November and December 2018

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	\$ 0.041990	per KWH
CL	\$ 0.068638	per KWH
GP, GEH, and EHS	\$ 0.041657	per KWH
LPS and IS	\$ 12.943780	per KVA
	\$ 15.239272	per KW
	\$ 0.011083	per KWH
OL, M, and N	\$ 0.011146	per KWH

Rate adjustment changes are listed below by Rate Schedules:

R	increase	\$ 0.008676	per KWH
CL	increase	\$ 0.015756	per KWH
GP, GEH, and EHS	increase	\$ 0.007570	per KWH
LPS and IS	decrease	\$ 1.093515	per KVA
	decrease	\$ 1.287442	per KW
	increase	\$ 0.000193	per KWH
OL, M, and N	increase	\$ 0.000239	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 2018 billing cycle.

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

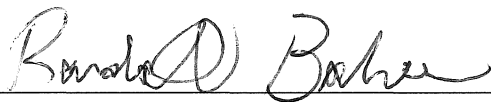
Any objections can be made to either of the following:

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

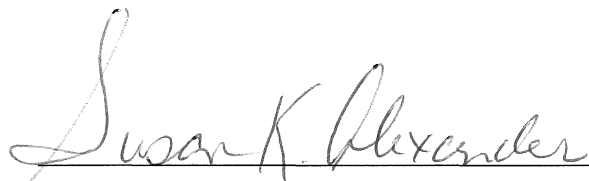
Office of Utility Consumer Counselor
PNC Center
115 W. Washington Street
Suite 1500 South
Indianapolis, IN 46204-3407

STATE OF INDIANA)
) SS:
COUNTY OF WAYNE)

Randy Baker personally appeared before me, a Notary Public in and for said county and state, this July 26, 2018 , 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



Susan K. Alexander, Notary Public

My Commission Expires: June 7, 2024

My County of Residence: Wayne

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-18	(a)	\$23.614	\$0.031875	1
2	BASE RATE EFFECTIVE	01-Apr-05	(b)	\$10.582	\$0.016552	2
3	INCREMENTAL CHANGE IN BASE RATE (c)			\$13.032	\$0.015323	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

CITY OF RICHMOND, INDIANA

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

Oct-18

Nov-18

Dec-18

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)	128,073	8
9	ESTIMATED COSTS/(SAVINGS) PER KW (e)	\$0.611308	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

CITY OF RICHMOND, INDIANA

ESTIMATION OF ENERGY COST ADJUSTMENT
FOR THE THREE MONTHS OF:

LINE NO.	DESCRIPTION	Oct-18	Nov-18	Dec-18	TOTAL	ESTIMATED 3 MONTH AVERAGE	LINE NO.
		Oct-18	Nov-18	Dec-18			
		(A)	(B)	(C)	(D)	(E)	
	PURCHASED POWER FROM IMPA						
1	KW DEMAND	123,810	121,028	139,380	384,218	128,073	1
2	KWH ENERGY	70,098,744	70,103,855	78,950,238	219,152,837	73,050,946	2
	INCREMENTAL PURCHASED POWER COSTS						
	DEMAND RELATED						
3	ECA FACTOR PER KW	(0.939)	(0.939)	(0.939)		(0.939)	3
4	CHARGE (a)	(\$116,257.59)	(\$113,645.29)	(\$130,877.82)	(\$360,780.70)	(\$120,260.23)	4
	ENERGY RELATED						
5	ECA FACTOR PER KWH	(0.004650)	(0.004650)	(0.004650)		(0.004650)	5
6	CHARGE (b)	(\$325,959.16)	(\$325,982.93)	(\$367,118.61)	(\$1,019,060.69)	(\$339,686.90)	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-18

Nov-18

Dec-18

LINE NO.	DESCRIPTION	DEMAND RELATED	ENERGY RELATED	LINE NO.
		(A)	(B)	
1	INCREMENTAL CHANGE IN BASE RATE (a)	\$13.032	\$0.015323	1
2	ESTIMATED SAVINGS (LOSS) FROM DEDICATED CAPACITY PAYMENTS (b)	\$0.611308	--	2
3	ESTIMATED PURCHASED POWER ENERGY COST ADJUSTMENT (c)	(\$0.938998)	-\$0.004650	3
4	ESTIMATED TOTAL CHANGE IN PURCHASED POWER RATE	\$12.704310	\$0.010673	4
5	EST CHANGE IN PURCHASED POWER RATE ADJ FOR LOSSES & GR INCOME TAX (d)	\$13.325551	\$0.011195	5
6	PLUS TRACKING FACTOR EFFECTIVE PRIOR TO JANUARY 27, 1983 (e)	\$0.000	\$0.000000	6
7	ESTIMATED TOTAL RATE ADJUSTMENT	\$13.325551	\$0.011195	7
8	ESTIMATED AVERAGE BILLING UNITS (f)	128,073	73,050,946	8
9	ESTIMATED INCREMENTAL CHANGE IN PURCHASED POWER COST (g)	\$1,706,643.29	\$817,805.34	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)

= 0.953379759

(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-18	Nov-18	Dec-18			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	22.201%	19.279%	28,434.0	14,083,363	\$378,899.12	\$157,663.25	\$536,562.37	1
2	CL	7.943%	3.702%	10,172.7	2,704,695	\$135,557.17	\$30,279.07	\$165,836.24	2
3	GP, GEH & EHS	17.534%	15.386%	22,456.9	11,239,460	\$299,251.00	\$125,825.76	\$425,076.76	3
4	LPS, IS & TS	52.321%	60.476%	67,009.3	44,178,298	\$892,935.99	\$494,576.04	\$1,387,512.03	4
5	FLAT RATES	0.000%	1.157%	0.0	845,129	\$0.00	\$9,461.22	\$9,461.22	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%	128,072.9	73,050,945	\$1,706,643.29	\$817,805.34	\$2,524,448.63	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-18 Nov-18 Dec-18

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	\$55,738.97	(\$937.02)	\$434,638.09	\$156,726.23	\$591,364.32	0.030862	0.011128	0.041990	1
2	CL	\$19,964.35	(\$157.07)	\$155,521.52	\$30,122.00	\$185,643.52	0.057501	0.011137	0.068638	2
3	GP, GEH & EHS	\$43,965.86	(\$836.28)	\$343,216.86	\$124,989.48	\$468,206.34	0.030537	0.011121	0.041657	3
4	LPS, IS & TS	\$128,236.95	(\$4,954.86)	\$1,021,172.94	\$489,621.18	\$1,510,794.12	0.023115	0.011083	0.034198	(f) 4
5	FLAT RATES	(\$0.02)	(\$41.58)	(\$0.02)	\$9,419.64	\$9,419.62	0.000000	0.011146	0.011146	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	\$247,906.11	(\$6,926.79)	\$1,954,549.40	\$810,878.55	\$2,765,427.94	0.026756	0.011100	0.037856	10

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

0.953379759

(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-18	May-18	Jun-18	LINE NO.
			DEMAND RELATED	ENERGY RELATED	
			(A)	(B)	
1	INCREMENTAL CHANGE IN BASE RATE (a)		\$13.032	\$0.0153230	1
2	ACTUAL SAVINGS FROM DEDICATED CAPACITY PAYMENTS (b)		\$0.560	--	2
3	ACTUAL PURCHASED POWER ENERGY COST ADJUSTMENT (c)		(\$0.939)	(\$0.0046500)	3
4	PLUS TRACKING FACTOR EFFECTIVE PRIOR TO JANUARY 27, 1983 (d)		\$0.000	\$0.0000000	4
5	TOTAL RATE ADJUSTMENT (e)		\$12.653	\$0.0106730	5
6	ACTUAL AVERAGE BILLING UNITS (f)		139,908	75,818,900	6
7	ACTUAL INCREMENTAL CHANGE IN PURCHASED POWER COST (g)		\$1,770,199.40	\$809,215.12	7

(a) Attachment 1, Page 1 of 3, Line 1 of Tracker filing for the three months of:
Apr-18 May-18 Jun-18

(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:

LINE NO.	RATE SCHEDULE	KW DEMAND ALLOCATOR (%) (a)	KWH ENERGY ALLOCATOR (%) (a)	Apr-18	May-18	Jun-18	INCREMENTAL CHANGE IN PURCHASED POWER COST			LINE NO.
				ALLOCATED ACTUAL KW PURCHASED (b)	ALLOCATED ACTUAL KWH PURCHASED (c)		DEMAND (d)	ENERGY (e)	TOTAL	
				(C)	(D)	(E)	(F)	(G)		
1	R	22.201%	19.279%	31,061.6	14,616,992	\$393,009.49	\$156,007.16	\$549,016.65		1
2	CL	7.943%	3.702%	11,112.8	2,807,178	\$140,605.38	\$29,961.01	\$170,566.39		2
3	GP, GEH & EHS	17.534%	15.386%	24,532.1	11,665,332	\$310,395.23	\$124,504.08	\$434,899.31		3
4	LPS, IS & TS	52.321%	60.476%	73,201.5	45,852,246	\$926,189.30	\$489,381.02	\$1,415,570.32		4
5	FLAT RATES	0.000%	1.157%	0.0	877,152	\$0.00	\$9,361.84	\$9,361.84		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%	139,908.0	75,818,900	\$1,770,199.40	\$809,215.12	\$2,579,414.52		10

- (a) Page 2 of 3, Columns A and B of tracker filed for the months of Apr-18
 (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-18 Jun-18

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-18	May-18	Jun-18	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	14,211,184		0.024497	0.011647	\$343,257.54	\$163,200.41	\$3,388.45	\$6,299.92	1
2	CL	2,729,243		0.045659	0.011645	\$122,869.90	\$31,337.09	\$1,298.13	\$1,226.33	2
3	GP, GEH & EHS	11,341,470		0.024280	0.011638	\$271,515.70	\$130,144.14	\$3,036.63	\$4,842.77	3
4	LPS, IS & TS	44,579,261	73,202	13.223026	0.011622	\$954,394.41	\$510,846.77	\$150,463.62	\$16,741.89	4
5	FLAT RATES	852,800		0.000000	0.011638	\$0.00	\$9,785.94	(\$0.02)	\$384.46	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	73,713,958				\$1,692,037.54	\$845,314.35	\$158,186.81	\$29,495.37	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-18

May-18

Jun-18

Apr-18

May-18

Jun-18

0.986

0.986

Apr-18

May-18

Jun-18

Apr-18

May-18

Jun-18

CITY OF RICHMOND, INDIANA

RECONCILIATION OF VARIANCES FOR THE
THREE MONTHS OF:

		Apr-18			May-18			Jun-18				
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	\$339,869.09	\$156,900.49	\$496,769.58	\$53,140.40	(\$893.33)	\$52,247.07	1				
2	CL	\$121,571.77	\$30,110.76	\$151,682.53	\$19,033.61	(\$149.75)	\$18,883.86	2				
3	GP, GEH & EHS	\$268,479.07	\$125,301.37	\$393,780.44	\$41,916.16	(\$797.29)	\$41,118.87	3				
4	LPS, IS & TS	\$803,930.79	\$494,104.88	\$1,298,035.67	\$122,258.51	(\$4,723.86)	\$117,534.65	4				
5	FLAT RATES	\$0.02	\$9,401.48	\$9,401.50	(\$0.02)	(\$39.64)	(\$39.66)	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	\$1,533,850.73	\$815,818.98	\$2,349,669.71	\$236,348.67	(\$6,603.87)	\$229,744.80	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-18	May-18	Jun-18	TOTAL	AVERAGE	LINE NO.
		April	May	June			
		(A)	(B)	(C)	(D)	(E)	
1	ACTUAL MEMBER GENERATING COSTS	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	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)	(\$554,246.00)	(\$554,246.00)	(\$554,246.00)	(\$1,662,738.00)	(\$554,246.00)	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)	\$78,292.00	\$78,292.00	\$78,292.00	\$234,876.00	\$78,292.00	7
8	ACTUAL MONTHLY KW BILLED (d)	126,363	139,539	153,821	419,723	139,908	8
9	ACTUAL CAPACITY PAYMENT SAVINGS PER KW (e)	\$0.620	\$0.561	\$0.509		\$0.560	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-18	May-18	Jun-18	TOTAL	ACTUAL 3 MONTH AVERAGE	LINE NO.
		(A)	(B)	(C)	(D)	(E)	
	PURCHASED POWER FROM IMPA						
1	KW DEMAND (a)	126,363	139,539	153,821	419,723	139,908	1
2	KWH ENERGY (a)	72,537,051	76,002,504	78,917,145	227,456,700	75,818,900	2
	INCREMENTAL PURCHASED POWER COSTS						
	DEMAND RELATED						
3	ECA FACTOR PER KW (a)	(0.939)	(0.939)	(0.939)		(0.939)	3
4	CHARGE (b)	(\$118,654.86)	(\$131,027.12)	(\$144,437.92)	(\$394,119.90)	(\$131,373.30)	4
	ENERGY RELATED						
5	ECA FACTOR PER KWH (a)	(0.004650)	(0.004650)	(0.004650)		(0.004650)	5
6	CHARGE (c)	(\$337,297.29)	(\$353,411.64)	(\$366,964.72)	(\$1,057,673.66)	(\$352,557.89)	6

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

Apr-18

May-18

Jun-18

CITY OF RICHMOND, INDIANA

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

LINE NO.	RATE SCHEDULE	Apr-18	May-18	Jun-18	TOTAL	AVERAGE	LINE NO.
-		(A)	(B)	(C)	(D)	(E)	-
1	R	16,023,705	11,848,328	14,761,520	42,633,553	14,211,184	1
2	CL	3,023,554	2,380,991	2,783,185	8,187,730	2,729,243	2
3	GP, GEH & EHS	11,103,239	10,785,927	12,135,243	34,024,409	11,341,470	3
4	LPS, IS & TS	42,462,636	45,462,846	45,812,300	133,737,782	44,579,261	4
5	FLAT RATES	818,238	887,794	852,367	2,558,399	852,800	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	73,431,372	71,365,886	76,344,615	221,141,873	73,713,958	10

DETERMINATION OF ACTUAL AVERAGE KVA SALES

LPS & IS	67,691	74,633	77,280	219,605	73,202
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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	Adjusted	kW Demand
				Factors		Factors	Factors	Allocators
Code	Rate Schedule Name/Description	(A)	(B)	(C)	(D)	(E)	(F)	(G)
R	Residential Electric Service	14,211,184	19.279%	21.898%	-11.961%	22.955%	20.209%	22.201%
CL	Commercial Lighting Service	2,729,243	3.702%	4.005%	-7.554%	7.821%	7.230%	7.943%
GP, GEH & EHS	Gen Power, Gen Electric Heat & Electric Heat Schools	11,341,470	15.386%	8.904%	72.796%	9.237%	15.961%	17.534%
LPS, IS & TS	Large Power, Industrial Service & Transmission Service	44,579,261	60.476%	64.065%	-5.602%	59.987%	52.321%	52.321%
FLAT RATES	Outdoor Lighting, Street Lighting	852,800	1.157%	1.128%	1.157%	0.000%	0.000%	0.000%
0	0	0	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%
0	0	0	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%
0	0	0	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%
Sales		73,713,958	100.000%	100.000%		100.000%	95.722%	100.000%
Purchases		75,818,900						
Average Losses		2.8%						

(A) From utility billing records

4/1/2018

5/1/2018

6/1/2018

(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)

CITY OF RICHMOND, INDIANA

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

Oct-18

Nov-18

Dec-18

LINE
NO.

-

Rates LPS, IS & TS

Demand Related Adjustment Factor

1	From Page 3 of 3, Column C, Line 4	\$1,021,172.94
2	From Page 2 of 3, Column C, Line 4	67,009.30 kW
3	Line 1 divided by Line 2	15.239272 per KW
4	Line 3 multiplied by 84.937%	12.943780
5	Demand Related Rate Adjustment Factor	12.943780 per KVA

Rates LPS, IS & TS

Energy Related Adjustment Factor

6	From Page 3 of 3, Column D, Line 4	\$489,621.18
7	From Page 2 of 3, Column D, Line 4	44,178,298 KWH
8	Line 6 divided by Line 7	\$0.011083
9	Energy Related Adjustment Factor	\$0.011083 per KWH

Energy Cost Adjustment (Revenue Report) KWH

	Apr-18	May-18	Jun-18
R - 44010	16,023,705	11,848,328	14,761,520
CWH - 44020			
K - 44030			
ASH - 44040			
CL - 44210	2,960,609	2,329,644	2,731,055
GP - 44220	10,651,393	10,436,773	11,706,734
IS - 44270	5,747,250	6,662,150	7,074,450
LPS - 44280	35,853,336	38,046,796	38,029,100
GEH - 44290	167,796	133,800	151,910
EH - 44250			
EHS - 44500	58,012	22,216	25,488
OL - 44260	255,230	253,547	266,740
FLAT - 44410 N	67,781	70,171	72,779
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	62,945	51,347	52,130
ST LIT - CITY M	495,227	564,076	512,848
GP - 44	118,278	98,519	120,704
GEH - 46	107,760	94,619	130,407
IS - IS	862,050	753,900	708,750
LPS - CITY	0	0	0
CITY BILLS	0	0	0
	73,431,372	71,365,886	76,344,615
BY RATE CLASS			
R	16,023,705	11,848,328	14,761,520
CL	3,023,554	2,380,991	2,783,185
GP, GEH, & EHS	11,103,239	10,785,927	12,135,243
LPS & IS	42,462,636	45,462,846	45,812,300
OL, M, & N	818,238	887,794	852,367
TOTAL	73,431,372	71,365,886	76,344,615
	73,431,372	71,365,886	76,344,615
LPS & IS Coincident kW	67,691	74,633	77,280
	72,613,134	70,478,092	75,492,248

CAPACITY COST REPORT		April 2018	May 2018	June 2018
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	95,632.00	\$97,943.49	168,444.63
921	Office supplies and expense	24,231.21	34,616.12	20,354.13
923	Outside services employed	8,521.44	1,210.05	11,613.70
925	Injuries and damages	25,166.49	25,654.63	25,307.91
926	Employee pension and benefits	322,119.76	325,562.94	294,176.30
928	Regulatory commission expenses	0.00	0.00	0.00
930	Misc general expense	938.44	1,325.64	277.84
931	Rents	0.00	0.00	0.00
932	Maint of general plant	41,225.91	23,201.70	28,383.73
933	Transportation	8,347.91	3,682.47	5,630.90
	Payroll taxes	<u>9,485.97</u>	<u>9,365.84</u>	<u>15,144.40</u>
TOTAL ADMN AND GENERAL EXPENSES		535,669.13	522,562.88	569,333.54
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	0.00	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	0.00	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. -----
	WHOLESALE POWER COSTS TRACKER -----				
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		
	CAPACITY PAYMENT **		
14	\$4.29 KW - MONTH X 93,400 KW X 12 MONTHS	\$4,808,232.00	14
	FUEL PAYMENT		
15	\$.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)		

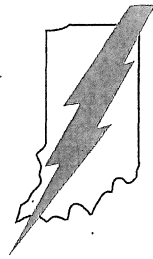
	(\$ 4,521,327.89 / 12 = \$376,777.32 EXHIBIT II LINE 2)		

(\$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 6, 2018

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 2018.

If you have any questions, please feel free to call Ginny McCammon at (317) 805-1656.

Sincerely,

INDIANA MUNICIPAL POWER AGENCY

Ginny McCammon
Manager, Rates & Billing

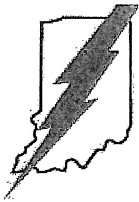
GM/cr

Enclosure

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

**INDIANA MUNICIPAL POWER AGENCY
ECA ESTIMATES FOR OCTOBER, NOVEMBER and DECEMBER
2018 - 4TH QUARTER**

	OCT	NOV	DEC	OCT	NOV	DEC
	<u>\$/kW-month</u>			<u>\$/kWh</u>		
IMPA's Energy Cost Adjustment	(0.939)	(0.939)	(0.939)	(0.004650)	(0.004650)	(0.004650)
To develop these Energy Cost Adjustment factors, IMPA used the following estimated loads for	<u>kW</u>			<u>kWh</u>		
RICHMOND	123,810	121,028	139,380	70,098,744	70,103,855	78,950,238



IMPA

INDIANA MUNICIPAL POWER AGENCY

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

Due Date:	Amount Due:
6/13/2018	\$ 4,839,602.23

Billing Period: April 1 to 30, 2018

Invoice No: INV0008479
Invoice Date: 5/14/2018

Summary of Charges

Demand Charges:	\$ 2,865,281.02
Energy Charges:	\$ 1,974,821.21
Subtotal - Purchased Power Charges*:	\$ 4,840,102.23
Other Charges and Credits:	\$ (500.00)
Net Amount Due:	\$ 4,839,602.23

*Average Purchased Power Cost: 6.67 cents per kWh

Due Date:	Amount Due:
6/13/2018	\$ 4,839,602.23

To avoid a late payment charge, as provided for in Schedule B, payment in full must be received by: 06/13/18
Questions, please call: 317-573-9955

Send ACH or Wire payments to:
PNC Bank
ABA# 071921891 (ACH) or ABA# 041000124 (Wire)
Bank Account 4803452201

- OR -

Send checks to:
Indiana Municipal Power Agency
P.O. Box 772880
Chicago, IL 60677-2880

Indiana Municipal Power Agency - Billing Detail
 Richmond Power & Light
 Billing Period: April 1 to 30, 2018

Due Date:	Amount Due:
6/13/2018	\$ 4,839,602.23

Demand						
Demand Information	kW	kvar	Power Factor	Date	Time (EST)	Load Factor
Maximum Demand:	127,275	(4,528)	99.94%	04/05/18	700	79.16%
CP Billing Demand:	126,363	(5,980)	99.89%	04/17/18	1200	79.73%
kvar at 97% PF:		31,670				
Reactive Demand:		-				
Demand Charges	Rate		Units	Charge		
Base Demand Charge:	\$	23.614 / kW x	126,363	\$	2,983,935.88	
ECA Demand Charge:	\$	(0.939) / kW x	126,363	\$	(118,654.86)	
Total Demand Charges:				\$	2,865,281.02	

Energy					
Energy Information			kWh		
Dist. Gen & WWVS Net Gen:			34		
Richmond 1:			9,035,488		
Richmond 2:			39,649,533		
Richmond Solar:			173,711		
Northwest:			14,939,388		
Treaty:			8,738,897		
Total Energy:			72,537,051		
Energy Charges			Rate		Charge
			Units		
Base Energy Charge:			\$	0.031875 / kWh x	72,537,051
ECA Energy Charge:			\$	(0.004650) / kWh x	72,537,051
Total Energy Charges:					\$ 1,974,821.21

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

History			
	Apr 2018	Apr 2017	2018 YTD
Max Demand (kW):	127,275	119,872	138,623
CP Demand (kW):	126,363	118,344	137,279
Energy (kWh):	72,537,051	67,629,473	306,398,513
CP Load Factor:	79.73%	79.37%	
HDD/CDD (Indianapolis):	544/7	190/30	

IMPA Delivery Point Details

Richmond Power & Light

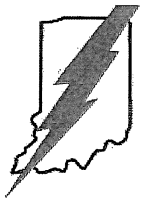
Billing Period: April 1, 2018 to April 30, 2018

Delivery Point	Energy kWh	Individual Substation Maximum Demand					Demand at RICHMOND's Maximum Peak on 04/05/18 at 0700 EST				Demand at IMPA's Coincident Peak on 04/17/18 at 1200 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	72,537,051						127,275	(4,528)	127,356	99.94%	126,363	(5,980)	126,504	99.89%
* Richmond 1	9,035,488	04/02/18 at 0800 EST	49,772	(17,113)	52,632	94.57%	27,138	2,850	27,287	99.45%	32,704	(12,384)	34,970	93.52%
* Richmond 2	39,649,533	04/18/18 at 1000 EST	91,705	5,895	91,894	99.79%	49,686	9,177	50,526	98.34%	72,400	11,393	73,291	98.78%
* Richmond Solar	173,711	04/05/18 at 1000 EST	1,045	(190)	1,062	98.39%	20	(27)	34	59.52%	239	(59)	246	97.09%
* Northwest	14,939,388	04/10/18 at 0800 EST	51,109	(8,595)	51,827	98.62%	27,577	(6,732)	28,387	97.15%	17,237	(1,017)	17,267	99.83%
* Treaty	8,738,897	04/10/18 at 0700 EST	56,747	(14,828)	58,652	96.75%	22,854	(9,796)	24,865	91.91%	3,783	(3,913)	5,443	69.51%
* WWVS Generation	-	-	-	-	-	-	-	-	-	-	-	-	-	-
* WWVS House Power	-	-	-	-	-	-	-	-	-	-	-	-	-	-
* Richmond Dist. Gen.	34	04/20/18 at 1000 EST	13	-	13	100.00%	-	-	-	-	-	-	-	-

3

Billing Period: April 1, 2018 to April 30, 2018

[illegible]



IMPA

INDIANA MUNICIPAL POWER AGENCY

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

Due Date:	Amount Due:
7/16/2018	\$ 5,262,493.39

Billing Period: May 1 to 31, 2018

Invoice No: INV0008560
Invoice Date: 6/14/2018

Summary of Charges

Demand Charges:	\$ 3,164,046.83
Energy Charges:	\$ 2,069,168.18
Subtotal - Purchased Power Charges*:	\$ 5,233,215.01
Other Charges and Credits:	\$ 29,278.38
Net Amount Due:	\$ 5,262,493.39

*Average Purchased Power Cost: 6.89 cents per kWh

Due Date:	Amount Due:
7/16/2018	\$ 5,262,493.39

To avoid a late payment charge, as provided for in Schedule B, payment in full must be received by: 07/16/18
Questions, please call: 317-573-9955

Send ACH or Wire payments to:

PNC Bank
ABA# 071921891 (ACH) or ABA# 041000124 (Wire)
Bank Account 4803452201

- OR -

Send checks to:

Indiana Municipal Power Agency
P.O. Box 772880
Chicago, IL 60677-2880

Indiana Municipal Power Agency - Billing Detail
 Richmond Power & Light
 Billing Period: May 1 to 31, 2018

Due Date:	Amount Due:
7/16/2018	\$ 5,262,493.39

Demand						
Demand Information	kW	kvar	Power Factor	Date	Time (EST)	Load Factor
Maximum Demand:	143,163	14,433	99.50%	05/31/18	1400	71.35%
CP Billing Demand:	139,539	10,607	99.71%	05/29/18	1600	73.21%
kvar at 97% PF:		34,972				
Reactive Demand:		-				
Demand Charges	Rate		Units	Charge		
Base Demand Charge:	\$	23.614 / kW x	139,539	\$	3,295,073.95	
ECA Demand Charge:	\$	(0.939) / kW x	139,539	\$	(131,027.12)	
Total Demand Charges:				\$	3,164,046.83	

Energy						
Energy Information	kWh					
Dist. Gen & WWVS Net Gen:	923,275					
Richmond 1:	14,529,269					
Richmond 2:	43,919,345					
Richmond Solar:	210,247					
Northwest:	12,171,244					
Treaty:	4,249,124					
Total Energy:	76,002,504					
Energy Charges	Rate		Units	Charge		
Base Energy Charge:	\$	0.031875 / kWh x	76,002,504	\$	2,422,579.82	
ECA Energy Charge:	\$	(0.004650) / kWh x	76,002,504	\$	(353,411.64)	
Total Energy Charges:				\$	2,069,168.18	

Other Charges and Credits						
Other Charges and Credits						
Adjustment - Lease payment for WWVS plant \$(500), Mar18 meter true-up \$47,463.55, & Solar meter multiplier credit \$(17,685.17) :				\$	29,278.38	
Total Other Charges and Credits:				\$	29,278.38	

History			
	May 2018	May 2017	2018 YTD
Max Demand (kW):	143,163	126,386	143,163
CP Demand (kW):	139,539	123,794	139,539
Energy (kWh):	76,002,504	71,713,070	382,401,017
CP Load Factor:	73.21%	77.86%	
HDD/CDD (Indianapolis):	4/240	147/74	

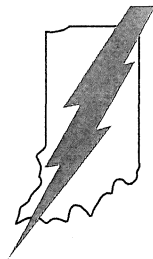
Richmond Power & Light
Billing Period: May 1, 2018 to May 31, 2018

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RICHMOND WWVS PLANT
Billing Period: May 1, 2018 to May 31, 2018

[illegible]

File 501.260



IMPA
INDIANA MUNICIPAL POWER AGENCY

June 14, 2018

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

Subject: IMPA Invoice Adjustment

Dear Randy,

An adjustment in the amount of \$29,778.38 has been issued to Richmond Power & Light on the IMPA invoice for the May 1-31, 2018 billing period. This adjustment is comprised of a \$47,463.55 charge due to a March 2018 metering true-up and a \$17,685.17 credit for a meter multiplier correction.

The \$47,463.55 charge resulted from a true-up of the March 2018 meter data for Richmond's Northwest and Treaty meters. The two meters were offline from March 6 - 12, and an estimate of the hourly load was utilized for billing. Subsequent to the March power bill, IMPA obtained Richmond's total hourly load through the PJM settlement process and determined that the hourly estimate was understated. This adjustment true-up the understated meter estimate.

The \$17,685.17 credit was due to an over-statement of the hourly solar meter readings from February 2016 through April 2018. The hourly meter reads were inadvertently increased by a meter multiplier of 1.05. The meter multiplier was corrected in May.

Calculations for both adjustments are included with the May 2018 power bill. Please let me know if you have any questions or concerns.

Sincerely,

INDIANA MUNICIPAL POWER AGENCY

A handwritten signature in cursive script that reads "Ginny McCammon".

Ginny McCammon
Assistant Manager of Rates & Billing

GM/cr

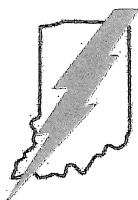
**Indiana Municipal Power Agency
Richmond Power & Light
March 2018 Meter Correction
May 2018**

	Billed	Revised	Variance
CP Demand kW	132,611	132,611	-
Energy kWh	77,453,424	79,196,805	1,743,381

	Billed	Revised	Charge/ (Credit) Due	Rates
Base Demand Charge	\$ 3,131,476.15	\$ 3,131,476.15	\$ -	\$ 23.614 / kW
ECA Demand Charge	(124,521.73)	(124,521.73)	-	\$ (0.939) / kW
Base Energy Charge	2,468,827.89	2,524,398.16	55,570.27	\$ 0.031875 / kWh
ECA Energy Charge	(360,158.42)	(368,265.14)	(8,106.72)	\$ (0.004650) / kWh
Total	\$ 5,115,623.89	\$ 5,163,087.44	<u>\$ 47,463.55</u>	

Indiana Municipal Power Agency
Richmond Power & Light
Feb16 - Apr18 Solar Meter Multiplier Correction
May 2018

											Rates			
											Base	ECA		
											Demand	Demand	Base Energy	ECA Energy
											Charge	Charge	Charge	Charge
											\$/kW	\$/kW	\$/kWh	\$/kWh
	Billed	Revised	Charge/ (Credit) Due	kWh Billed	kWh Revised	kWh Variance	% Variance	Solar CP kW Billed	Solar CP kW Revised	Solar CP kW Variance				
Feb-16	\$ 2,652.84	\$ 2,524.05	\$ (128.79)	85,526	81,476	4,050	5%	(3)	(3)	-	\$ 22.230	\$ 0.038	0.030525	\$ 0.001274
Mar-16	26,188.65	24,950.22	(1,238.43)	142,202	135,469	6,733	5%	973	927	46	22.230	0.038	0.030525	0.001274
Apr-16	9,062.22	8,637.55	(424.67)	192,548	183,395	9,153	5%	132	126	6	22.230	0.038	0.030525	0.001274
May-16	26,325.21	25,079.13	(1,246.08)	206,020	196,245	9,775	5%	888	846	42	22.230	0.038	0.030525	0.001274
Jun-16	27,475.70	26,165.72	(1,309.98)	247,802	236,018	11,784	5%	880	838	42	22.230	0.038	0.030525	0.001274
Jul-16	23,320.27	22,222.98	(1,097.29)	210,961	200,963	9,998	5%	746	711	35	22.230	0.038	0.030525	0.001274
Aug-16	22,084.55	21,026.36	(1,058.19)	199,411	189,943	9,468	5%	707	673	34	22.230	0.038	0.030525	0.001274
Sep-16	21,486.54	20,473.10	(1,013.44)	184,807	176,046	8,761	5%	701	668	33	22.230	0.038	0.030525	0.001274
Oct-16	19,261.28	18,353.04	(908.24)	144,940	138,086	6,854	5%	658	627	31	22.230	0.038	0.030525	0.001274
Nov-16	5,089.77	4,849.24	(240.53)	86,532	82,469	4,063	5%	105	100	5	22.230	0.038	0.030525	0.001274
Dec-16	1,133.52	1,077.11	(56.41)	37,747	35,973	1,774	5%	(3)	(3)	-	22.230	0.038	0.030525	0.001274
Jan-17	1,051.48	998.77	(52.71)	38,959	37,128	1,831	5%	(3)	(3)	-	22.965	0.416	0.030565	(0.001775)
Feb-17	3,447.74	3,281.33	(166.41)	88,082	83,926	4,156	5%	39	37	2	22.965	0.416	0.030565	(0.001775)
Mar-17	3,616.53	3,440.28	(176.25)	128,866	122,744	6,122	5%	(4)	(4)	-	22.965	0.416	0.030565	(0.001775)
Apr-17	12,161.33	11,584.16	(577.17)	182,839	174,161	8,678	5%	295	281	14	22.965	0.416	0.030565	(0.001775)
May-17	21,907.02	20,863.35	(1,043.67)	198,936	189,485	9,451	5%	692	659	33	22.965	0.416	0.030565	(0.001775)
Jun-17	27,400.56	26,098.58	(1,301.98)	250,877	238,951	11,926	5%	863	822	41	22.965	0.416	0.030565	(0.001775)
Jul-17	24,369.06	23,213.87	(1,155.19)	212,174	202,098	10,076	5%	781	744	37	22.965	0.416	0.030565	(0.001775)
Aug-17	25,971.05	24,737.40	(1,233.65)	218,279	207,914	10,365	5%	842	802	40	22.965	0.416	0.030565	(0.001775)
Sep-17	20,791.21	19,806.76	(984.45)	173,173	164,967	8,206	5%	676	644	32	22.965	0.416	0.030565	(0.001775)
Oct-17	20,574.75	19,592.91	(981.84)	103,121	98,254	4,867	5%	753	717	36	22.965	0.416	0.030565	(0.001775)
Nov-17	2,602.50	2,475.22	(127.28)	76,590	72,981	3,609	5%	17	16	1	22.965	0.416	0.030565	(0.001775)
Dec-17	1,288.77	1,224.62	(64.15)	47,201	44,973	2,228	5%	(3)	(3)	-	22.965	0.416	0.030565	(0.001775)
Jan-18	(128.79)	(125.84)	2.95	(2,232)	(2,124)	(108)	5%	(3)	(3)	-	23.614	(0.939)	0.031875	(0.004650)
Feb-18	728.39	691.39	(37.00)	29,253	27,894	1,359	5%	(3)	(3)	-	23.614	(0.939)	0.031875	(0.004650)
Mar-18	12,562.40	11,971.87	(590.53)	141,605	134,906	6,699	5%	384	366	18	23.614	(0.939)	0.031875	(0.004650)
Apr-18	10,148.61	9,674.82	(473.79)	173,711	165,470	8,241	5%	239	228	11	23.614	(0.939)	0.031875	(0.004650)
Total	\$ 372,573.16	\$ 354,887.99	\$ (17,685.17)											



IMPA
INDIANA MUNICIPAL POWER AGENCY

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

Due Date:	Amount Due:
8/15/2018	\$ 5,635,910.45

Billing Period: June 1 to 30, 2018

Invoice No: INV0008648
Invoice Date: 7/16/2018

Summary of Charges

Demand Charges:	\$ 3,487,891.17
Energy Charges:	\$ 2,148,519.28
Subtotal - Purchased Power Charges*:	\$ 5,636,410.45
Other Charges and Credits:	\$ (500.00)
Net Amount Due:	\$ 5,635,910.45

*Average Purchased Power Cost: 7.14 cents per kWh

Due Date:	Amount Due:
8/15/2018	\$ 5,635,910.45

Randa D. Baker

To avoid a late payment charge, as provided for in Schedule B, payment in full must be received by: 08/15/18
Questions, please call: 317-573-9955

Send ACH or Wire payments to:
PNC Bank
ABA# 071921891 (ACH) or ABA# 041000124 (Wire)
Bank Account 4803452201

- OR -

Send checks to:
Indiana Municipal Power Agency
P.O. Box 772880
Chicago, IL 60677-2880

Indiana Municipal Power Agency - Billing Detail
 Richmond Power & Light
 Billing Period: June 1 to 30, 2018

Due Date:	Amount Due:
8/15/2018	\$ 5,635,910.45

Demand						
Demand Information	kW	kvar	Power Factor	Date	Time (EST)	Load Factor
Maximum Demand:	154,790	28,130	98.39%	06/18/18	1500	70.81%
CP Billing Demand:	153,821	27,035	98.49%	06/18/18	1600	71.26%
kvar at 97% PF:		38,551				
Reactive Demand:		-				
Demand Charges	Rate		Units		Charge	
Base Demand Charge:	\$	23.614 / kW x		153,821	\$	3,632,329.09
ECA Demand Charge:	\$	(0.939) / kW x		153,821	\$	(144,437.92)
Total Demand Charges:					\$	3,487,891.17

Energy						
Energy Information	kWh					
Dist. Gen & WWVS Net Gen:	4,793,697					
Richmond 1:	22,172,712					
Richmond 2:	36,035,658					
Richmond Solar:	176,660					
Northwest:	10,983,296					
Treaty:	4,755,122					
Total Energy:	78,917,145					
Energy Charges	Rate		Units		Charge	
Base Energy Charge:	\$	0.031875 / kWh x		78,917,145	\$	2,515,484.00
ECA Energy Charge:	\$	(0.004650) / kWh x		78,917,145	\$	(366,964.72)
Total Energy Charges:					\$	2,148,519.28

Other Charges and Credits						
Other Charges and Credits						
Adjustment - Lease payment for WWVS plant \$(500):					\$	(500.00)
Total Other Charges and Credits:					\$	(500.00)

History			
	Jun 2018	Jun 2017	2018 YTD
Max Demand (kW):	154,790	143,522	154,790
CP Demand (kW):	153,821	142,959	153,821
Energy (kWh):	78,917,145	76,024,174	463,045,352
CP Load Factor:	71.26%	73.86%	
HDD/CDD (Indianapolis):	0/312	3/220	

IMPACT Delivery Point Details

Richmond Power & Light

Billing Period: June 1, 2018 to June 30, 2018

Delivery Point	Energy kWh	Individual Substation Maximum Demand					Demand at RICHMOND's Maximum Peak on 06/18/18 at 1500 EST				Demand at IMPA's Coincident Peak on 06/18/18 at 1600 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	78,917,145						154,790	28,130	157,325	98.39%	153,821	27,035	156,179	98.49%
* Richmond 1	22,172,712	06/20/18 at 1600 EST	52,609	22,883	57,370	91.70%	29,094	23,078	37,136	78.35%	28,918	22,895	36,884	78.40%
* Richmond 2	36,035,658	06/01/18 at 0800 EST	97,419	15,179	98,594	98.81%	33,268	4,223	33,535	99.20%	33,106	3,851	33,329	99.33%
* Richmond Solar	176,660	06/06/18 at 1000 EST	996	(182)	1,012	98.37%	750	(139)	763	98.33%	782	(144)	795	98.35%
* Northwest	10,983,296	06/01/18 at 1200 EST	25,097	611	25,104	99.97%	5,952	(290)	5,959	99.88%	5,629	(220)	5,633	99.92%
* Treaty	4,755,122	06/19/18 at 0800 EST	14,438	(3,005)	14,747	97.90%	(3,587)	(2,105)	4,159	86.25%	(3,841)	(1,881)	4,277	89.81%
* WWVS Generation	5,698,212	-	-	-	-	-	97,812	8,604	98,190	99.62%	97,774	7,774	98,083	99.69%
* WWVS House Power	(905,118)	-	-	-	-	-	(8,499)	(5,241)	9,985	85.12%	(8,547)	(5,240)	10,025	85.25%
* Richmond Dist. Gen.	603	06/28/18 at 1200 EST	20	-	20	100.00%	-	-	-	-	-	-	-	-

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REVENUE REPORT

April-18

	RATE CODE	HOURS	REVENUE DOLLARS	KVA
RESIDENTIAL				
		16,023,705	\$ 1,599,244.32	
	Total R 44010	16,023,705	\$ 1,599,244.32	
COMMERCIAL				
		2,960,609	\$ 420,614.62	0
	Total CL 44210	2,960,609	\$ 420,614.62	0
GENERAL POWER				
		10,651,393	\$ 1,023,698.45	15,368
	Total GP 44220	10,651,393	\$ 1,023,698.45	15,368
INDUSTRIAL POWER				
	IS -COIN	4,296,950	\$ 396,418.86	12,696
	IS	1,450,300	\$ 124,889.98	2,804
	Total IS 44270	5,747,250	\$ 521,308.84	15,500
LARGE POWER				
	LPS-COIN	30,532,540	\$ 2,313,903.46	61,918
	LPS	5,320,796	\$ 487,138.58	12,953
	Total LPS 44280	35,853,336	\$ 2,801,042.04	74,871
GENERAL ELECT HEAT				
		167,796	\$ 16,161.62	52
	Total GEH 44290	167,796	\$ 16,161.62	52
ELECTRIC HEAT SCHOOLS				
	43	58,012	\$ 5,186.74	195
	Total EHS 44500	58,012	\$ 5,186.74	195
RESIDENTIAL - OLS				
		255,230	\$ 21,253.44	
	Total OLS 44260	255,230	\$ 21,253.44	
FLAT RATE (237)				
	Rate 8 - N	27,153	\$ 5,971.97	
	Rate 39 - CATV	40,628	\$ 6,534.48	
	Total N 44410	67,781	\$ 12,506.45	
ACCOUNTS RECEIVABLE CONTROL				
	Total 14210	71,785,112	\$ 6,421,016.52	105,986

April-18

	RATE CODE	KILOWATT HOURS	REVENUE	KVA
TRAFFIC LIGHTS				
STREET DEPT	44430	6,637	\$ 1,936.59	
PUBLIC BLDGS - CITY	44230	56,308	\$ 7,541.95	
CITY STREET LIGHTS				
Rate 7	44420	<u>495,227</u>	<u>\$ 64,224.37</u>	
	CITY - GP 44	118,278	\$ 12,694.98	0
	CITY - GEH 46	107,760	\$ 10,810.06	82
	Sanitation - IS	862,050	\$ 64,144.16	1,566
	44240	<u>1,088,088</u>	<u>\$ 87,649.20</u>	<u>1,648</u>
	CITY -14610	<u>1,646,260</u>	<u>\$ 161,352.11</u>	<u>1,648</u>
TOTAL ALL REC'V [14210+14610]		<u><u>73,431,372</u></u>	<u><u>\$ 6,582,368.63</u></u>	<u><u>107,634</u></u>
	PENALTIES 45000		\$ 62,097.05	
	SALES TAX 24170		\$ 212,309.97	
	WRITE OFFS 14400		\$ 32,549.91	
TOTAL OF ALL CHARGES		<u><u>73,431,372</u></u>	<u><u>\$ 6,889,325.56</u></u>	

REVENUE REPORT

May-18

	RATE CODE	HOURS	REVENUE DOLLARS	KVA
RESIDENTIAL				
		<u>11,848,328</u>	<u>\$ 1,248,863.39</u>	
	Total R 44010	11,848,328	\$ 1,248,863.39	
COMMERCIAL				
		<u>2,329,644</u>	<u>\$ 345,390.50</u>	<u>0</u>
	Total CL 44210	2,329,644	\$ 345,390.50	0
GENERAL POWER				
		<u>10,436,773</u>	<u>\$ 1,007,526.65</u>	<u>15,150</u>
	Total GP 44220	10,436,773	\$ 1,007,526.65	15,150
INDUSTRIAL POWER				
	IS -COIN	4,599,000	\$ 407,781.66	13,124
	IS	<u>2,063,150</u>	<u>\$ 169,636.72</u>	<u>4,070</u>
	Total IS 44270	6,662,150	\$ 577,418.38	17,194
LARGE POWER				
	LPS-COIN	32,301,840	\$ 2,490,739.15	65,465
	LPS	<u>5,744,956</u>	<u>\$ 522,231.76</u>	<u>13,808</u>
	Total LPS 44280	38,046,796	\$ 3,012,970.91	79,273
GENERAL ELECT HEAT				
		<u>133,800</u>	<u>\$ 13,019.80</u>	<u>52</u>
	Total GEH 44290	133,800	\$ 13,019.80	52
ELECTRIC HEAT SCHOOLS				
	43	<u>22,216</u>	<u>\$ 1,986.29</u>	<u>78</u>
	Total EHS 44500	22,216	\$ 1,986.29	78
RESIDENTIAL - OLS				
		<u>253,547</u>	<u>\$ 20,969.51</u>	
	Total OLS 44260	253,547	\$ 20,969.51	
FLAT RATE (237)				
	Rate 8 - N	30,898	\$ 5,981.68	
	Rate 39 - CATV	<u>39,273</u>	<u>\$ 6,374.91</u>	
	Total N 44410	70,171	\$ 12,356.59	
ACCOUNTS RECEIVABLE CONTROL				
	Total 14210	<u>69,803,425</u>	<u>\$ 6,240,502.02</u>	<u>111,747</u>

May-18

	RATE CODE	KILOWATT HOURS	REVENUE	KVA
TRAFFIC LIGHTS				
STREET DEPT	44430	6,180	\$ 1,882.79	
PUBLIC BLDGS - CITY	44230	45,167	\$ 6,030.21	
CITY STREET LIGHTS				
Rate 7	44420	<u>564,076</u>	<u>\$ 64,506.10</u>	
	CITY - GP 44	98,519	\$ 10,626.72	0
	CITY - GEH 46	94,619	\$ 9,491.66	83
	Sanitation - IS	753,900	\$ 52,141.65	1,295
	44240	<u>947,038</u>	<u>\$ 72,260.03</u>	<u>1,378</u>
	CITY -14610	1,562,461	\$ 144,679.13	1,378
TOTAL ALL REC'V [14210+14610]		<u><u>71,365,886</u></u>	<u><u>\$ 6,385,181.15</u></u>	<u><u>113,125</u></u>
	PENALTIES 45000		\$ 44,383.02	
	SALES TAX 24170		\$ 186,530.86	
	WRITE OFFS 14400		\$ 37,114.80	
TOTAL OF ALL CHARGES		<u><u>71,365,886</u></u>	<u><u>\$ 6,653,209.83</u></u>	

REVENUE REPORT

June-18

	RATE CODE	HOURS	REVENUE DOLLARS	KVA
RESIDENTIAL				
		14,761,520	\$ 1,496,710.85	
	Total R 44010	14,761,520	\$ 1,496,710.85	
COMMERCIAL				
		2,731,055	\$ 392,298.54	0
	Total CL 44210	2,731,055	\$ 392,298.54	0
GENERAL POWER				
		11,706,734	\$ 1,118,031.09	15,318
	Total GP 44220	11,706,734	\$ 1,118,031.09	15,318
INDUSTRIAL POWER				
	IS -COIN	4,825,100	\$ 436,920.02	13,048
	IS	2,249,350	\$ 187,364.66	4,657
	Total IS 44270	7,074,450	\$ 624,284.68	17,705
LARGE POWER				
	LPS-COIN	32,324,910	\$ 2,513,994.05	64,856
	LPS	5,704,190	\$ 520,460.41	13,829
	Total LPS 44280	38,029,100	\$ 3,034,454.46	78,685
GENERAL ELECT HEAT				
		151,910	\$ 14,515.60	47
	Total GEH 44290	151,910	\$ 14,515.60	47
ELECTRIC HEAT SCHOOLS				
	43	25,488	\$ 2,278.84	122
	Total EHS 44500	25,488	\$ 2,278.84	122
RESIDENTIAL - OLS				
		266,740	\$ 20,792.49	
	Total OLS 44260	266,740	\$ 20,792.49	
FLAT RATE (237)				
	Rate 8 - N	28,089	\$ 5,908.39	
	Rate 39 - CATV	44,690	\$ 7,012.83	
	Total N 44410	72,779	\$ 12,921.22	
ACCOUNTS RECEIVABLE CONTROL				
	Total 14210	74,819,776	\$ 6,716,287.77	111,877

June-18

	RATE CODE	KILOWATT HOURS	REVENUE	KVA
TRAFFIC LIGHTS				
STREET DEPT	44430	7,041	\$ 1,984.14	
PUBLIC BLDGS - CITY	44230	45,089	\$ 6,130.28	
CITY STREET LIGHTS				
Rate 7	44420	<u>512,848</u>	<u>\$ 63,200.35</u>	
	CITY - GP 44	120,704	\$ 12,633.58	0
	CITY - GEH 46	130,407	\$ 12,590.01	84
	Sanitation - IS	708,750	\$ 49,538.51	1,262
	44240	<u>959,861</u>	<u>\$ 74,762.10</u>	<u>1,346</u>
	CITY -14610	1,524,839	\$ 146,076.87	1,346
TOTAL ALL REC'V		<u>76,344,615</u>	<u>\$ 6,862,364.64</u>	<u>113,223</u>
[14210+14610]				
	PENALTIES 45000		\$ 44,689.55	
	SALES TAX 24170		\$ 215,529.68	
	WRITE OFFS 14400		\$ 45,703.26	
TOTAL OF ALL CHARGES		<u>76,344,615</u>	<u>\$ 7,168,287.13</u>	