



27 June 2019

MEMORANDUM No. 2019-034

TO : ALL ELECTRIC COOPERATIVES


SUBJECT : **RSEC-WR Implementation: Impact on ECs' Operating Revenues for Residential Customers**

In the effort to assist and guide Electric Cooperatives (ECs) in enhancing their operational efficiency, the National Electrification Administration (NEA) made a study/simulation of the implementation of RSEC-WR tool to determine its impact on ECs particularly on the Operating Revenues from Residential Customers.

In view thereof, we are furnishing all ECs with the detailed matrices of "Residential Customers' Comparison of Unbundled Rates with ERC RSEC-WR Provisional/Approved Rate" and "RSEC-WR Implementation Impact on EC's Operating Revenue (Residential Customers)" for information, reference and guidance.

For any query, please coordinate with or contact the Regulatory Affairs Office (RAO) through Telephone Number 929-1909 local 180 and/or email concerns to rates.rao@gmail.com or raonea.gov.ph@gmail.com

All ECs are encouraged to consider this type of studies in order to facilitate the efficient delivery of electricity service to the Member-Consumer-Owners (MCOs).


EDGARDO R. MASONGSONG
Administrator

NATIONAL ELECTRIFICATION
ADMINISTRATION
Office of the Administrator



NEA-GA.251431

7-179

RSEC-WR Implementation Impact on ECs' Operating Revenue (Residential Customers)

Nos.	Electric Cooperatives	kWh Sold 31 December 2018	Operating Revenue (Unbundled Rate) 2010		Variance		Operating Revenue on RSEC-WR December 2018		Variance	
			Operating Revenue on Provisionally-Approved Residential Revised Rate Schedule P/kWh, Effective January 2012		Inc./Dec.)				Inc./Dec.)	
			x= dXkWh sold	y=iXkWh sold	a=y-x		z=sXkWh sold	b=z-x		
A			Php	Php	PhP	%	Php	PhP	%	
1	QUEZELCO II	38,509,447	79,849,339.04	109,486,209.70	29,636,870.67	27.07	102,554,509.18	22,705,170.15	22.14	
2	GUIMELCO	35,144,736	99,410,399.40	99,919,998.07	509,598.67	0.51	93,593,945.64	(5,816,453.76)	-6.21	
3	BILECO	36,381,226	100,055,647.75	103,435,463.64	3,379,815.90	3.27	96,886,842.96	(3,168,804.78)	-3.27	
4	AURELCO	51,377,996	147,537,053.31	146,072,780.43	(1,464,272.89)	-1.00	136,824,741.15	(10,712,312.17)	-7.83	
5	CAMELCO	21,359,388	65,782,643.75	60,726,876.56	(5,055,767.19)	-8.33	56,882,186.69	(8,900,457.06)	-15.65	
6	LEYECO III	42,064,747	116,485,697.39	119,594,282.20	3,108,584.80	2.60	112,022,627.74	(4,463,069.66)	-3.98	
7	MOPRECO	20,435,528	69,705,586.01	58,100,249.66	(11,605,336.35)	-19.97	54,421,854.62	(15,283,731.39)	-28.08	
8	IFELCO	23,575,182	88,294,185.93	67,026,599.94	(21,177,585.99)	-31.60	62,783,067.18	(25,421,118.75)	-40.49	
9	SIARELCO	38,492,923	143,624,795.98	109,439,230.66	(34,185,565.31)	-31.24	102,587,490.28	(41,037,305.69)	-40.00	
10	QUIRELCO	39,689,008	119,646,482.04	112,839,817.25	(6,806,664.79)	-6.03	105,695,795.90	(13,950,686.14)	-13.20	
11	KAELCO	36,220,135	139,476,494.47	102,977,464.80	(36,499,029.68)	-35.44	96,457,840.56	(43,018,653.91)	-44.60	
			1,169,778,325.08	1,089,618,972.91			1,020,710,901.91			

RSEC-WR Implementation Impact on ECs' Operating Revenue (Residential Customers)

Nos.	Electric Cooperatives	kWh Sold 31 December 2018	Operating Revenue (Unbundled Rate) 2010	Operating Revenue on Provisionally-Approved Residential Revised Rate Schedule P/kWh, Effective January 2012	Variance		Operating Revenue on RSEC-WR December 2018	Variance	
					Inc./ (Dec.)			Inc./ (Dec.)	
			$x = dXkWh \text{ sold}$	$y = iXkWh \text{ sold}$	$a = y - x$		$z = sXkWh \text{ sold}$	$b = z - x$	
B									
12	SOLECO	95,523,461	192,193,202.93	198,211,180.95	6,017,978.02	3.04	198,211,180.95	6,017,978.02	3.04
13	SAMELCO I	70,823,219	213,291,205.20	146,958,178.64	(66,333,026.56)	(45.14)	146,958,178.64	(66,333,026.56)	-45.14
14	SORECO I	53,251,040	107,838,680.25	110,495,907.13	2,657,226.88	2.40	110,495,907.13	2,657,226.88	2.40
15	SURSECO II	80,038,445	202,009,029.63	166,079,771.97	(35,929,257.66)	(21.63)	166,079,771.97	(35,929,257.66)	-21.63
16	SURSECO I	60,651,696	130,455,732.93	125,852,269.20	(4,603,463.73)	(3.66)	125,852,269.20	(4,603,463.73)	-3.66
17	SAMELCO II	73,317,596	188,022,975.92	152,134,012.49	(35,888,963.43)	(23.59)	152,134,012.49	(35,888,963.43)	-23.59
18	LEYECO IV	68,712,821	153,360,145.19	142,579,103.58	(10,781,041.61)	(7.56)	142,579,103.58	(10,781,041.61)	-7.56
19	ESAMELCO	84,198,604	197,344,687.77	174,742,103.05	(22,632,584.72)	(12.95)	174,742,103.05	(22,632,584.72)	-12.95
20	LANECO	88,328,042	195,876,266.83	183,280,687.98	(12,595,578.85)	(6.87)	183,280,687.98	(12,595,578.85)	-6.87
21	ANTECO	128,072,434	277,750,686.53	265,750,300.34	(12,000,386.19)	(4.52)	265,750,300.34	(12,000,386.19)	-4.52
22	MOELCI I	56,741,616	139,260,948.15	117,738,853.20	(21,522,094.95)	(18.28)	117,738,853.20	(21,522,094.95)	-18.28
23	DORELCO	71,046,443	167,200,699.59	147,421,369.79	(19,779,329.81)	(13.42)	147,421,369.79	(19,779,329.81)	-13.42
24	NORSAMELCO	93,860,643	191,729,135.46	194,760,834.23	3,031,698.77	1.56	194,760,834.23	3,031,698.77	1.56
25	CASURECO I	76,675,813	205,368,498.10	159,102,312.41	(46,266,185.69)	(29.08)	159,102,312.41	(46,266,185.69)	-29.08
26	ABRECO	52,734,269	155,798,124.33	109,423,608.18	(46,374,516.16)	(42.38)	109,423,608.18	(46,374,516.16)	-42.38
27	CASURECO IV	57,644,312	190,353,047.48	119,611,947.65	(70,741,099.83)	(59.14)	119,611,947.65	(70,741,099.83)	-59.14
			2,907,853,066.29	2,514,112,440.31			2,514,112,440.77		

RSEC-WR Implementation Impact on ECs' Operating Revenue (Residential Customers)

Nos.	Electric Cooperatives	kWh Sold 31 December 2018	Operating Revenue (Unbundled Rate) 2010	Operating Revenue on Provisionally-Approved Residential Revised Rate Schedule P/kWh, Effective January 2012	Variance		Operating Revenue on RSEC-WR December 2018	Variance	
					Inc./Dec.)			Inc./Dec.)	
					x= dXkWh sold	y=iXkWh sold		a=y-x	b=z-x
C									
28	ISELCO II	210,287,448	427,409,238.06	407,873,534.14	(19,535,703.92)	(4.79)	407,873,534.14	(19,535,703.92)	-4.79
29	BOHECO II	115,130,663	248,935,519.56	223,307,433.97	(25,628,085.59)	(11.48)	223,307,433.97	(25,628,085.59)	-11.48
30	CAGELCO II	139,798,232	320,892,860.81	271,152,650.01	(49,740,210.80)	(18.34)	271,152,650.01	(49,740,210.80)	-18.34
31	CASURECO III	101,937,924	324,723,259.36	197,718,798.89	(127,004,460.47)	(64.23)	197,718,798.89	(127,004,460.47)	-64.23
32	SORECO II	113,931,889	406,748,237.06	220,982,291.98	(185,765,945.08)	(84.06)	220,982,291.98	(185,765,945.08)	-84.06
			1,728,709,114.86	1,321,034,708.99			1,321,034,708.99		
D									
33	MORESCO II	117,671,992	184,144,901.47	172,271,797.40	(11,873,104.07)	(6.89)	172,271,797.40	(11,873,104.07)	-6.89
34	CEBECO III	148,222,971	277,755,025.84	216,998,429.92	(60,756,595.92)	(28.00)	216,998,429.92	(60,756,595.92)	-28.00
35	SUKELCO	189,684,208	313,946,332.33	277,697,680.22	(36,248,652.11)	(13.05)	277,697,680.22	(36,248,652.11)	-13.05
36	ZAMECO II	147,715,011	215,265,084.85	216,254,775.42	989,690.57	0.46	216,254,775.42	989,690.57	0.46
37	ZAMECO I	118,187,423	190,269,932.48	173,026,387.45	(17,243,545.03)	(9.97)	173,026,387.45	(17,243,545.03)	-9.97
38	BUSECO	174,030,908	377,299,009.61	254,781,250.03	(122,517,759.58)	(48.09)	254,781,250.03	(122,517,759.58)	-48.09
39	NORECO I	69,267,925	139,872,720.55	101,408,241.91	(38,464,478.64)	(37.93)	101,408,241.91	(38,464,478.64)	-37.93
40	SURNECO	149,158,632	259,774,672.79	218,368,236.66	(41,406,436.13)	(18.96)	218,368,236.66	(41,406,436.13)	-18.96
41	MOELCI II	140,843,551	227,251,068.73	206,194,957.93	(21,056,110.80)	(10.21)	206,194,957.93	(21,056,110.80)	-10.21
42	DORECO	123,359,038	243,412,053.78	180,597,631.63	(62,814,422.15)	(34.78)	180,597,631.63	(62,814,422.15)	-34.78
43	FLECO	104,184,830	198,545,030.53	152,526,591.12	(46,018,439.41)	(30.17)	152,526,591.12	(46,018,439.41)	-30.17
44	PRESCO	53,179,479	81,263,561.86	77,854,757.26	(3,408,804.60)	(4.38)	77,854,757.26	(3,408,804.60)	-4.38
45	PANELCO I	121,777,629	202,784,107.79	178,282,448.84	(24,501,658.95)	(13.74)	178,282,448.84	(24,501,658.95)	-13.74
46	ASELCO	209,739,230	409,683,637.96	307,058,232.72	(102,625,405.24)	(33.42)	307,058,232.72	(102,625,405.24)	-33.42

RSEC-WR Implementation Impact on ECs' Operating Revenue (Residential Customers)

Nos.	Electric Cooperatives	kWh Sold 31 December 2018	Operating Revenue (Unbundled Rate) 2010	Operating Revenue on Provisionally-Approved Residential Revised Rate Schedule P/kWh, Effective January 2012	Variance		Operating Revenue on RSEC-WR December 2018	Variance	
					Inc./ (Dec.)		Inc./ (Dec.)		
			$x = dXkWh \text{ sold}$	$y = iXkWh \text{ sold}$	$a = y - x$	$z = sXkWh \text{ sold}$	$b = z - x$		
47	MAGELCO	23,945,203	45,091,211.77	-	(45,091,211.77)	-	35,055,777.19	(10,035,434.58)	-28.63
48	NUVELCO	266,310,754	493,047,731.22	389,878,944.56	(103,168,786.66)	(26.46)	389,878,944.56	(103,168,786.66)	-26.46
49	ILECO III	101,994,828	243,063,873.89	149,320,427.75	(93,743,446.14)	(62.78)	149,320,427.75	(93,743,446.14)	-62.78
			4,102,469,957.45	3,272,520,790.81			3,307,576,568.01		
E									
50	PELCO I	263,531,966	316,765,423.13	424,523,644.03	107,758,220.90	25.38	424,523,644.03	107,758,220.90	25.38
51	ZANECO	209,580,841	249,443,116.79	337,613,776.54	88,170,659.75	26.12	337,613,776.54	88,170,659.75	26.12
52	CEBECO I	219,114,186	269,072,220.85	352,971,042.81	83,898,821.96	23.77	352,971,042.81	83,898,821.96	23.77
53	CAGELCO I	250,634,267	354,547,233.45	403,746,739.97	49,199,506.52	12.19	403,746,739.97	49,199,506.52	12.19
54	CEBECO II	399,629,119	573,467,785.62	643,762,547.64	70,294,762.01	10.92	643,762,547.64	70,294,762.01	10.92
55	DASURECO	349,027,083	504,099,815.98	562,247,728.00	58,147,912.03	10.34	562,247,728.00	58,147,912.03	10.34
56	LEYECO V	203,786,958	371,299,837.08	328,280,410.29	(43,019,426.79)	(13.10)	328,280,410.29	(43,019,426.79)	-13.10
57	NONECO/VRESKO	208,991,667	424,378,480.12	336,664,677.25	(87,713,802.87)	(26.05)	336,664,677.25	(87,713,802.87)	-26.05
58	PANELCO III	384,691,304	574,921,154.07	619,699,221.87	44,778,067.80	7.23	619,699,221.87	44,778,067.80	7.23
59	NORECO II	304,467,212	478,531,117.49	490,466,232.21	11,935,114.72	2.43	490,466,232.21	11,935,114.72	2.43
60	FIBECO	177,857,457	329,747,726.06	286,510,578.16	(43,237,147.90)	(15.09)	286,510,578.16	(43,237,147.90)	-15.09
61	TARELCO II	309,308,449	468,200,199.25	498,264,980.49	30,064,781.24	6.03	498,264,980.49	30,064,781.24	6.03
62	CAPELCO	221,843,435	456,975,292.02	357,367,589.65	(99,607,702.37)	(27.87)	357,367,589.65	(99,607,702.37)	-27.87
63	ZASURECO II	47,738,139	84,759,065.68	76,901,368.02	(7,857,697.66)	(10.22)	76,901,368.02	(7,857,697.66)	-10.22
64	NEECO I	185,860,923	357,689,346.31	299,403,360.86	(58,285,985.45)	(19.47)	299,403,360.86	(58,285,985.45)	-19.47
65	TARELCO I	286,057,856	520,138,999.56	460,810,600.23	(59,328,399.33)	(12.87)	460,810,600.23	(59,328,399.33)	-12.87
66	NOCECO	254,541,856	495,643,902.00	410,041,475.83	(85,602,426.17)	(20.88)	410,041,475.83	(85,602,426.17)	-20.88

RSEC-WR Implementation Impact on ECs' Operating Revenue (Residential Customers)

Nos.	Electric Cooperatives	kWh Sold 31 December 2018	Operating Revenue (Unbundled Rate) 2010	Operating Revenue on Provisionally-Approved Residential Revised Rate Schedule P/kWh, Effective January 2012	Variance		Operating Revenue on RSEC-WR December 2018	Variance	
					Inc./Dec.		Inc./Dec.		
			$x = dX$ kWh sold	$y = iX$ kWh sold	$a = y - x$	$z = sX$ kWh sold	$b = z - x$		
67	COTELCO	205,760,640	413,969,830.13	331,459,813.78	(82,510,016.35)	(24.89)	331,459,813.78	(82,510,016.35)	-24.89
68	ILECO I	277,026,236	521,363,376.81	446,261,564.14	(75,101,812.67)	(16.83)	446,261,564.14	(75,101,812.67)	-16.83
69	QUEZELCO I	165,848,420	306,802,992.32	267,165,219.92	(39,637,772.40)	(14.84)	267,165,219.92	(39,637,772.40)	-14.84
70	ZAMSURECO I	221,899,095	420,454,406.10	357,457,252.89	(62,997,153.21)	(17.62)	357,457,252.89	(62,997,153.21)	-17.62
71	LUJELCO	210,896,134	394,903,011.10	339,732,582.42	(55,170,428.68)	(16.24)	339,732,582.42	(55,170,428.68)	-16.24
72	NEECO II-AREA 1	210,401,088	524,235,349.86	338,935,112.01	(185,300,237.85)	(54.67)	338,935,112.01	(185,300,237.85)	-54.67
73	AKELCO	291,857,283	680,727,926.87	470,152,897.18	(210,575,029.68)	(44.79)	470,152,897.18	(210,575,029.68)	-44.79
74	ILECO II	174,040,940	386,214,250.33	280,362,550.52	(105,851,699.81)	(37.76)	280,362,550.52	(105,851,699.81)	-37.76
75	CANORECO	168,078,553	372,226,762.94	270,757,740.64	(101,469,022.30)	(37.48)	270,757,740.64	(101,469,022.30)	-37.48
76	NEECO II-AREA 2	217,874,770	424,790,439.07	350,974,466.99	(73,815,972.08)	(21.03)	350,974,466.99	(73,815,972.08)	-21.03
77	BOHECO I	209,735,522	463,872,054.33	337,862,952.63	(126,009,101.70)	(37.30)	337,862,952.63	(126,009,101.70)	-37.30
			11,739,241,115.34	10,680,398,127.19			10,680,398,127.00		

RSEC-WR Implementation Impact on ECs' Operating Revenue (Residential Customers)

Nos.	Electric Cooperatives	kWh Sold 31 December 2018	Operating Revenue (Unbundled Rate) 2010	Operating Revenue on Provisionally-Approved Residential Revised Rate Schedule P/kWh, Effective January 2012	Variance Inc./(Dec.)		Operating Revenue on RSEC-WR December 2018	Variance Inc./(Dec.)	
			x= dXkWh sold	y=iXkWh sold	a=y-x		z=sXkWh sold	b=z-x	
F									
78	PELCO II	509,762,741	759,087,697.52	672,580,960.38	(86,506,737.14)	(12.86)	672,580,960.38	(86,506,737.14)	-12.86
79	SOCOTECO I	251,121,008	322,640,271.05	331,329,057.93	8,688,786.88	2.62	331,329,057.93	8,688,786.88	2.62
80	ALECO	394,462,084	631,454,904.40	520,453,273.91	(111,001,630.49)	(21.33)	520,453,273.91	(111,001,630.49)	-21.33
81	DANECO	450,726,060	565,075,260.87	594,687,962.98	29,612,702.11	4.98	594,687,962.98	29,612,702.11	4.98
82	ISELCO I	406,351,494	626,025,111.95	536,140,161.43	(89,884,950.51)	(16.77)	536,140,161.43	(89,884,950.51)	-16.77
83	BENECO	417,629,421	567,391,331.59	551,020,258.29	(16,371,073.30)	(2.97)	551,020,258.29	(16,371,073.30)	-2.97
84	ISECO	286,291,150	375,728,505.18	377,732,543.23	2,004,038.05	0.53	377,732,543.23	2,004,038.05	0.53
85	BATELEC I	396,468,742	566,514,185.44	523,100,858.19	(43,413,327.25)	(8.30)	523,100,858.19	(43,413,327.25)	-8.30
86	CENPELCO	382,993,239	627,649,320.07	505,321,279.54	(122,328,040.54)	(24.21)	505,321,279.54	(122,328,040.54)	-24.21
87	SAJELCO	98,497,641	128,657,618.67	129,957,787.54	1,300,168.86	1.00	129,957,787.54	1,300,168.86	1.00
88	PENELCO	608,190,501	832,004,605.94	802,446,547.57	(29,558,058.37)	(3.68)	802,446,547.57	(29,558,058.37)	-3.68
89	CASURECO II	330,267,972	645,574,803.75	435,755,561.51	(209,819,242.25)	(48.15)	435,755,561.51	(209,819,242.25)	-48.15
90	ANECO	352,811,930	558,289,598.51	465,500,060.61	(92,789,537.90)	(19.93)	465,500,060.61	(92,789,537.90)	-19.93
91	INEC	295,848,631	526,817,657.22	390,342,683.74	(136,474,973.48)	(34.96)	390,342,683.74	(136,474,973.48)	-34.96
92	MORESCO I	401,873,293	942,312,497.91	530,231,623.06	(412,080,874.86)	(77.72)	530,231,623.06	(412,080,874.81)	-77.72
			8,675,223,370.10	7,366,600,619.92			7,366,600,619.97		

RSEC-WR Implementation Impact on ECs' Operating Revenue (Residential Customers)

Nos.	Electric Cooperatives	kWh Sold 31 December 2018	Operating Revenue (Unbundled Rate) 2010	Operating Revenue on Provisionally-Approved Residential Revised Rate Schedule P/kWh, Effective January 2012	Variance		Operating Revenue on RSEC-WR December 2018	Variance	
			x= dXkWh sold	y=iXkWh sold	a=y-x		z=sXkWh sold	b=z-x	
G									
93	SOCOTECO II	903,615,118	774,307,794.61	935,060,924.11	160,753,129.49	17.19	935,060,924.11	160,753,129.49	17.19
94	ZAMCELCO	538,250,817	599,234,634.23	556,981,945.13	(42,252,689.10)	(7.59)	556,981,945.13	(42,252,689.10)	-7.59
95	CENECO	781,541,154	865,556,828.06	808,738,786.16	(56,818,041.90)	(7.03)	808,738,786.16	(56,818,041.90)	-7.03
96	BATELEC II	787,316,569	1,765,006,285.26	814,715,186.00	(950,291,099.25)	(116.64)	814,715,186.00	(950,291,099.25)	-116.64
97	LEYECO II	243,614,281	300,766,191.26	252,092,057.93	(48,674,133.33)	(19.31)	252,092,057.93	(48,674,133.33)	-19.31
98	PELCO-III	194,312,146	245,552,258.90	201,074,208.68	(44,478,050.22)	(22.12)	201,074,208.68	(44,478,050.22)	-22.12
			4,550,423,992.32	3,568,663,108.00			3,568,663,108.00		
	Grand Total		34,873,698,941.43						

* - WITH RATE ADJUSTMENT

National Average P/kWh

539,011,869.51

538,360,863.86