#### REVENUE ESTIMATING CONFERENCE

Tax: Sales and Use Tax

Issue: Agricultural Exemptions – Liquefied or Compressed Oxygen

Bill Number(s): Proposed Language

Entire Bill

Sponsor(s): N/A

Month/Year Impact Begins: July 1, 2016 with one month lag to collections

Date of Analysis: November 6, 2015

**Section 1: Narrative** 

a. Current Law: 212.08 (5) (a) F.S., exempts certain items in agricultural use from sales tax.

b. Proposed Change: The proposed language adds: compressed or liquefied oxygen used in aquaculture production;

# **Section 2: Description of Data and Sources**

2014 Annual sales data for NAICS code 325120 - Industrial Gas Manufacturing

# Section 3: Methodology (Include Assumptions and Attach Details)

The primary use of oxygen in aquaculture is to provide adequate dissolved oxygen to crowded breeding and growing tanks for edible fish. The primary suppliers of oxygen are classified as industrial gas manufacturers in the annual sales files. These manufacturers supply a wide variety of other gases to many different industries. Flat growth was assumed due to the relatively small size and volatile nature of the number aquaculture operations. Overall the number of operations appears to be declining, but the total number of operations varies from year to year.

For the low it is assumed that 1% of the sales tax collected in NAICS code 325120 comes from sales of oxygen to aquaculture operations. The high assumes 10% of sales and the middle is an average of the high and the low.

There is a one month lag to collections, and the first year cash is equal to eleven months of the recurring.

# **Section 4: Proposed Fiscal Impact**

	High		Mic	ddle	Low		
	Cash	Recurring	Cash	Recurring	Cash	Recurring	
2015-16	\$(0.21 M)	\$(0.23 M)	\$(0.11 M)	\$(0.13 M)	\$(0.02 M)	\$(0.02 M)	
2016-17	\$(0.23 M)	\$(0.23 M)	\$(0.13 M)	\$(0.13 M)	\$(0.02 M)	\$(0.02 M)	
2017-18	\$(0.23 M)	\$(0.23 M)	\$(0.13 M)	\$(0.13 M)	\$(0.02 M)	\$(0.02 M)	
2018-19	\$(0.23 M)	\$(0.23 M)	\$(0.13 M)	\$(0.13 M)	\$(0.02 M)	\$(0.02 M)	
2019-20	\$(0.23 M)	\$(0.23 M)	\$(0.13 M)	\$(0.13 M)	\$(0.02 M)	\$(0.02 M)	

# **List of affected Trust Funds:**

Sales and Use Tax Group

Section 5: Consensus Estimate (Adopted: 11/06/2015): The Conference adopted the low estimate.

	GR		Trust		Local/Other		Total	
	Cash	Recurring	Cash	Recurring	Cash	Recurring	Cash	Recurring
2015-16	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)
2016-17	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)
2017-18	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)
2018-19	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)
2019-20	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)

	А	В	С		D	E	F	G
1								
2	NAICS code 325120 Indu	strial Gas Manufa	acturing					
3								
4		2014						
5	Sales tax Collections	\$ 2,276,576.86						
6								
7		Growth rate						
8	2015	0%						
9	2016	0%						
10	2017	0%						
11	2018	0%						
12	2019	0%						
13	2020	0%						
14	2021	0%						
15								
16	Percent of sales made to	Qualifying Aquac	ulture					
17		High	Middle	Low				
18		10.0%	5.5%		1.0%			
19	2015	\$ 227,658	\$ 125,212	\$	22,766			
20	2016	\$ 227,658	\$ 125,212	\$	22,766			
21	2017	\$ 227,658	\$ 125,212	\$	22,766			
22	2018	•	\$ 125,212	\$	22,766			
23	2019		\$ 125,212		22,766			
24	2020		\$ 125,212		22,766			
25	2021	\$ 227,658	\$ 125,212	\$	22,766			
26								
27		High			Mid	dle	Lo	)W
28		Cash	Recurring	(	Cash	Recurring	Cash	Recurring
29	2016-17	\$ (0.21 M)	\$ (0.23 M)	\$	(0.11 M)	\$ (0.13 M)	\$ (0.02 M)	\$ (0.02 M)
30	2017-18	\$ (0.23 M)		\$	(0.13 M)	\$ (0.13 M)	\$ (0.02 M)	\$ (0.02 M)
31	2018-19	\$ (0.23 M)		\$	(0.13 M)	\$ (0.13 M)	\$ (0.02 M)	\$ (0.02 M)
32	2019-20	\$ (0.23 M)	\$ (0.23 M)	\$	(0.13 M)	\$ (0.13 M)	\$ (0.02 M)	\$ (0.02 M)
33	2020-21	\$ (0.23 M)	\$ (0.23 M)	\$	(0.13 M)	\$ (0.13 M)	\$ (0.02 M)	\$ (0.02 M)

#### REVENUE ESTIMATING CONFERENCE

Tax: Ad Valorem

Issue: Renewable Energy Devices

Bill Number(s): HJR193

✓ Entire Bill✓ Partial Bill:

**Sponsor(s)**: Representative Rodrigues **Month/Year Impact Begins**: January 1, 2017

Date of Analysis: October 29, 2015

#### **Section 1: Narrative**

a. **Current Law**: Article VII, Section 3(e) of the Florida Constitution reads: By general law and subject to conditions specified therein, Twenty-five thousand dollars of the assessed value of property subject to tangible personal property tax shall be exempt from ad valorem taxation.

Article VII, Section 4(i) of the Florida Constitution reads: The legislature, by general law and subject to conditions specified therein, may prohibit the consideration of the following in the determination of the assessed value of real property used for residential purposes:

- (1) Any change or improvement made for the purpose of improving the property's resistance to wind damage.
- (2) The installation of a renewable energy source device.
- b. Proposed Change: HJR 193 revises Article VII, Section 3(e) to read: By general law and subject to conditions specified therein:
  - (1) Twenty-five thousand dollars of the assessed value of property subject to tangible personal property tax shall be exempt from ad valorem taxation.
  - (2) The assessed value of a renewable energy source device, or a component thereof, subject to tangible personal property tax shall be exempt from ad valorem taxation.

HJR 193 revises Article VII, Section 4 (i) to read: The legislature, by general law and subject to conditions specified therein, may prohibit the consideration of the following in the determination of the assessed value of real property used for residential purposes:

- (1) Any change or improvement <u>to residential real property</u> made <u>to improve for the purpose of improving</u> the property's resistance to wind damage.
  - (2) The installation of a renewable energy source device or a component thereof.

HJR 193 creates Article XII, Section 34 to provide for the start date for the assessment value limitations on tangible personal property.

## **Section 2: Description of Data and Sources**

http://www.psc.state.fl.us/utilities/electricgas/customerrenewable/2014/2014%20Net%20Metering%20Summary%20Spreadsheet/2014%20Net%20Metering%20Chart.pdf

## Section 3: Methodology (Include Assumptions and Attach Details)

As the proposed constitutional amendment requires 60% approval at a statewide referendum and must also be enacted by general law, the constitutional amendment is indeterminate

# **Section 4: Proposed Fiscal Impact**

	High		Mic	ldle	Lo	)W
	Cash	Recurring	Cash	Recurring	Cash	Recurring
2016-17			Indeterminate	Indeterminate		
2017-18			Indeterminate	Indeterminate		
2018-19			Indeterminate	Indeterminate		
2019-20			Indeterminate	Indeterminate		
2020-21			Indeterminate	Indeterminate		

# List of affected Trust Funds:

### **REVENUE ESTIMATING CONFERENCE**

Tax: Ad Valorem

Issue: Renewable Energy Devices

Bill Number(s): HJR193

Section 5: Consensus Estimate (Adopted: 11/06/2015): The REC agreed to an estimate of negative indeterminate or zero for HJR 193. If the proposed amendment does not pass, there is no impact; however, if it passes there will be an impact associated with the provisions related to tangible personal property which need no further implementing language. Assuming the legislature also passes HB 195 which includes real property, the combined school and non-school impact would reach a loss of \$21.2 million in 2020-21, the fifth year of implementation, holding the 2014 statewide average property tax rates constant.

	GR		Trust		Local/Other		Total	
	Cash	Recurring	Cash	Recurring	Cash	Recurring	Cash	Recurring
2016-17	0.0	0.0	0.0	0.0	0/(**)	0/(**)	0/(**)	0/(**)
2017-18	0.0	0.0	0.0	0.0	0/(**)	0/(**)	0/(**)	0/(**)
2018-19	0.0	0.0	0.0	0.0	0/(**)	0/(**)	0/(**)	0/(**)
2019-20	0.0	0.0	0.0	0.0	0/(**)	0/(**)	0/(**)	0/(**)
2020-21	0.0	0.0	0.0	0.0	0/(**)	0/(**)	0/(**)	0/(**)

	А	В	С	D	Е	F	G
1	Impact Summary						
2							
3	School Impact						
4		Н	igh	Mid	dle*	Low	
5	Year	Cash	Recurring	Cash	Recurring	Cash	Recurring
6	2016-17				\$ (6.2 M)		
7	2017-18			\$ (6.9 M)	\$ (6.9 M)		
8	2018-19			\$ (7.6 M)	\$ (7.6 M)		
9	2019-20			\$ (8.1 M)	\$ (8.1 M)		
10	2020-21			\$ (8.6 M)	\$ (8.6 M)		
11							
12	Non-School Impact						
13		Н	igh	Mid	dle*	Lo	ow
14	Year	Cash	Recurring	Cash	Recurring	Cash	Recurring
15	2016-17				\$ (9.2 M)		
16	2017-18			\$ (10.2 M)	\$ (10.2 M)		
17	2018-19			\$ (11.2 M)	\$ (11.2 M)		
18	2019-20			\$ (12.0 M)	\$ (12.0 M)		
19	2020-21			\$ (12.6 M)	\$ (12.6 M)		
20							
21	Total Impact						
22		Н	igh	Mid	dle*	Lo	ow
23	Year	Cash	Recurring	Cash	Recurring	Cash	Recurring
24	2016-17				\$ (15.4 M)		
25	2017-18			\$ (17.1 M)	\$ (17.1 M)		
26	2018-19			\$ (18.7 M)	\$ (18.7 M)		
27	2019-20			\$ (20.1 M)	\$ (20.1 M)		
28	2020-21			\$ (21.2 M)	\$ (21.2 M)		
29							
	*If a component can b	oe interpret	ed broadly t	o include ele	ectrical gene	ration and	delivery for

<sup>\*</sup>If a component can be interpreted broadly to include electrical generation and delivery for all connected up-stream and down-stream equipment, then the impact would be at least 10 times the Estimate.

134 11/06/2015

	Α	В	С	D	Е	F	G
1	Customer Owned Analysis						_
2		•					
6	Depreciable Life	e (years)			20		
7							
8		Photo Volta	aic Systems	kW Ca	pacity		
9		Installations	Growth	kW Rating	Growth		
10	2008	577		2,765			
11	2009	1,625	181.63%	12,986	369.66%		
12	2010	2,809	72.86%	19,208	47.91%		
13	2011	3,966	41.19%	27,705	44.24%		
14	2012	5,274	32.98%	41,521	49.87%		
15	2013	6,678	26.62%	60,528	45.78%		
16	2014	8,546	27.97%	74,052	22.3%		
17	2015	10,683	25.00%	90,598	22.3%		
18	2016	13,353	25%	110,529	22%		
19	2017	16,291	22%	132,635	20%		
20	2018	19,549	20%	156,509	18%		
21	2019	23,068	18%	181,551	16%		
22	2020	26,759	16%	206,968	14%		
23							
24	Price Per kW*						
			Price Factor				
25		<b>Customer Owned</b>	(1=no change)				
26	2013	\$ 3,290					
27	2014	\$ 3,126	0.95		_		
28	2015	\$ 2,969	0.95				
29	2016	\$ 2,821	0.95				
30	2017	\$ 2,680	0.95				
31	2018	\$ 2,546	0.95				
32	2019	\$ 2,418	0.95				
33	2020	\$ 2,298	0.95				
34							
35	*Installed price	per kW from DOE	Photovoltaic Prici	ng Trends (under	lying information	from FIEC).	

۲	iementing)						
	Α	В	С	D	Е	F	G
36							
37	Total Replacem	ent price by the y	ear of installation	using the Indica	ted Current price	e per kW	
38							
		2016	2017	2018	2019	2020	
		replacement	replacement	replacement	replacement	replacement	
		price by cohort	price by cohort	price by cohort	price by cohort	price by cohort	
39		year	year	year	year	year	
			Customer	Customer	Customer	Customer	
40		Customer Owned	Owned	Owned	Owned	Owned	
41	Prices	\$ 2,821	\$ 2,680	\$ 2,546	\$ 2,418	\$ 2,298	
42	2008	\$ 7,799,412	\$ 7,409,441	\$ 7,038,969	\$ 6,687,021	\$ 6,352,670	
43	2009	\$ 28,831,026	\$ 27,389,475	\$ 26,020,001	\$ 24,719,001	\$ 23,483,051	
44	2010	\$ 17,550,792	\$ 16,673,252	\$ 15,839,590	\$ 15,047,610	\$ 14,295,230	
45	2011	\$ 23,968,030	\$ 22,769,628	\$ 21,631,147	\$ 20,549,589	\$ 19,522,110	
46	2012	\$ 38,971,672	\$ 37,023,088	\$ 35,171,934	\$ 33,413,337	\$ 31,742,670	
47	2013	\$ 53,614,257	\$ 50,933,544	\$ 48,386,867	\$ 45,967,523	\$ 43,669,147	
48	2014	\$ 38,148,009	\$ 36,240,609	\$ 34,428,578	\$ 32,707,149	\$ 31,071,792	
49	2015	\$ 46,671,563	\$ 44,337,985	\$ 42,121,086	\$ 40,015,031	\$ 38,014,280	
50	2016	\$ 56,222,047	\$ 53,410,945	\$ 50,740,398	\$ 48,203,378	\$ 45,793,209	
51	2017		\$ 59,237,593	\$ 56,275,714	\$ 53,461,928	\$ 50,788,832	
52	2018			\$ 60,777,771	\$ 57,738,882	\$ 54,851,938	
53	2019				\$ 60,561,672	\$ 57,533,588	
54	2020					\$ 58,396,592	
55							
56							
57	Depreciated <sup>-</sup>	Γotal installed price	e for all systems				
58		Customer Owned					
59	2016-17	\$ 265,324,086					
60	2017-18	\$ 296,486,077					
61	2018-19	\$ 325,556,830					
62	2019-20	\$ 350,915,138					
63	2020-21	\$ 370,910,048					
64							
65	Customer owner	ed percentages	77%				
66			residential	commercial			
67	34%	owned	26.2%				
68	66%	leased	50.8%	15.2%			
69							
70	2016-17 Breako	lown					
71			residential	commercial			
72		owned	\$ 69,432,411	\$ 20,777,779			
73		leased	\$ 134,780,562	\$ 40,333,335			
74							

# HB195 Renewable Energy Devices (Implementing)

٠.	O/						
	Α	В	С	D	E	F	G
75							
76	% Customer ow	ned leased			66%		
77	% Customer ow	ned non-leased co	ommercial		23%		
78	2014 Millage Rate (School)				7.4334		
79	2014 Millage Rate (Non-School)				10.9369		
80							
81							
82	<b>Customer Own</b>	ed PV Lease Impa	ct				
83	Year	School	Non-School	Total			
84	2016-17	\$ 1,456,141	\$ 2,142,448	\$ 3,598,589			
85	2017-18	\$ 1,627,163	\$ 2,394,076	\$ 4,021,239			
86	2018-19	\$ 1,786,708	\$ 2,628,817	\$ 4,415,525			
87	2019-20	\$ 1,925,879	\$ 2,833,581	\$ 4,759,460			
88	2020-21	\$ 2,035,614	\$ 2,995,037	\$ 5,030,651			
89							
90							
91	Adjustment for	inclusion of Comp	onents and Other	renewable energ	gy devices		
			Other				
92		Components	Renewables	Middle			
93	2016-17	10%	1%	11%			
94	2017-18	10%	1%	11%			
95	2018-19	10%	1%	11%			
96	2019-20	10%					
97	2020-21	10%	1%	11%			
98							
99							

# HB195 Renewable Energy Devices (Implementing)

I	Α	В	С		D		E	F	G
100	School Impact	J						'	
101		ŀ	ligh		Middle			Low	
102	Year	Cash	Recurring	Cash		R	ecurring	Cash	Recurring
103	2016-17					\$	(1.6 M)		
104	2017-18			\$	(1.8 M)	\$	(1.8 M)		
105	2018-19			\$	(2.0 M)	\$	(2.0 M)		
106	2019-20			\$	(2.1 M)	\$	(2.1 M)		
107	2020-21			\$	(2.3 M)	\$	(2.3 M)		
108									
109	Non-School Imp	oact							
110		ŀ	ligh		Mic	ddle			Low
111	Year	Cash	Recurring	Cash		R	ecurring	Cash	Recurring
112	2016-17					\$	(2.4 M)		
113	2017-18			\$	(2.7 M)	\$	(2.7 M)		
114	2018-19			\$	(2.9 M)	\$	(2.9 M)		
115	2019-20			\$	(3.1 M)	\$	(3.1 M)		
116	2020-21			\$	(3.3 M)	\$	(3.3 M)		
117									
118	<b>Total Customer</b>	Owned Impact							
119		ŀ	ligh		Mic	ddle			Low
120	Year	Cash	Recurring	Cash		R	ecurring	Cash	Recurring
121	2016-17					\$	(4.0 M)		
122	2017-18			\$	(4.5 M)	\$	(4.5 M)		
123	2018-19			\$	(4.9 M)	\$	(4.9 M)		
124	2019-20			\$	(5.3 M)	\$	(5.3 M)		
125	2020-21			\$	(5.6 M)	\$	(5.6 M)		

		Р				F	
	A	B	C	D	Е	F	G
1	Utility or Relate	ed Ownership Analy	SIS				
2							
6	Depreciable Life	e (years)			20		
7							
8		kW Cap	acity				
9		kW Rating	Growth				
15	2013	157,070					
16	2014	192,165	22%				
17	2015	235,101	22%				
18	2016	286,823	22%				
19	2017	344,188	20%				
20	2018	406,141	18%				
21	2019	471,124	16%				
22	2020	537,081	14%				
23		·					
24	Price Per kW*						
			Price Factor				
25		Utility	(1=no change)				
26	2013	\$ 2,540	, ,				
27	2014	\$ 2,413	0.95				
28	2015	\$ 2,292	0.95				
29	2016	\$ 2,178	0.95				
30	2017	\$ 2,069	0.95				
31	2018	\$ 1,965	0.95				
32	2019	\$ 1,867	0.95				
33	2020	\$ 1,774	0.95				
34		<del>-</del>					
35	*Installed price	per kW from DOE Pl	notovoltaic Pricing	Trends (underlyi	ing information f	rom FIFC).	
36	otanea poc	po:					
37	Total Renlacem	ent price by the yea	r of installation us	ing the Indicate	d Current nrice r	er kW	
38	Total Replacem	ent price by the yea	ii oi iiistaliation a	ing the maleate		CI KVV	
30			2017	2018	2019	2020	
		2016 replacement				replacement	
		price by cohort	price by cohort		price by cohort		
39		•	· ·	*	· ·	· ·	
40		year Utility	year Utility	year Utility	year Utility	year Utility	
	Prices	\$ 2,178	\$ 2,069	\$ 1,965	\$ 1,867	\$ 1,774	
$\vdash$							
42	2013	\$ 342,056,444	\$ 324,953,622	\$ 308,705,941	\$ 293,270,643	\$ 278,607,111	
43	2014	\$ 76,426,965	\$ 72,605,617	\$ 68,975,336	\$ 65,526,569	\$ 62,250,241	
44	2015	\$ 93,503,331 \$ 112,637,083	\$ 88,828,165	\$ 84,386,756	\$ 80,167,418	\$ 76,159,048	
45	2016	\$ 112,637,083	\$ 107,005,229	\$ 101,654,967	\$ 96,572,219	\$ 91,743,608	
46	2017		\$ 118,678,526	\$ 112,744,600	\$ 107,107,370	\$ 101,752,002	
47	2018			\$ 121,764,168	\$ 115,675,960	\$ 109,892,162	
48	2019				\$ 121,331,229	\$ 115,264,667	
49	2020					\$ 116,993,637	
50							

	А	В	С	D	E	F	G
51							
52	Depreciated	Total installed price	for all systems				
53		Utility					
54	2016-17	\$ 560,997,493					
55	2017-18	\$ 621,956,513					
56	2018-19	\$ 678,799,476					
57	2019-20	\$ 728,274,722					
58	2020-21	\$ 767,071,181					
59							
60							
61	% Utility TPP				100%		
62	2014 Millage Ra	ate (School)			7.4334		
63	2014 Millage Ra	ate (Non-School)			10.9369		
64							
65							
66	Utility Impact						
67	Year	School	Non-School	Total			
68	2016-17	\$ 4,170,119	\$ 6,135,573	\$ 10,305,692			
69	2017-18	\$ 4,623,252	\$ 6,802,276	\$ 11,425,528			
70	2018-19	\$ 5,045,788	\$ 7,423,962	\$ 12,469,750			
71	2019-20	\$ 5,413,557	\$ 7,965,068	\$ 13,378,625			
72	2020-21	\$ 5,701,947	\$ 8,389,381	\$ 14,091,328			
73							
74							
75	Adjustment for	inclusion of Compon	ents and Other re	newable energy	devices		
			Other				
76		Components	Renewables	Middle			
77	2016-17	10%	1%	11%			
78	2017-18	10%	1%	11%			
79	2018-19	10%	1%	11%			
80	2019-20	10%	1%	11%			
81	2020-21	10%	1%	11%			
82							

	А	В	С		D	E	F	G	
83									
84	School Impact								
85		High			Mic	ddle	Low		
86	Year	Cash	Recurring	Cash		Recurring	Cash	Recurring	
87	2016-17					\$ (4.6 M)			
88	2017-18			\$	(5.1 M)	\$ (5.1 M)			
89	2018-19			\$	(5.6 M)	\$ (5.6 M)			
90	2019-20			\$	(6.0 M)				
91	2020-21			\$	(6.3 M)	\$ (6.3 M)			
92									
93	Non-School Im	pact							
94		High			Mic	ddle	Low		
95	Year	Cash	Recurring	Cash		Recurring	Cash	Recurring	
96	2016-17					\$ (6.8 M)			
97	2017-18			\$	(7.6 M)	\$ (7.6 M)			
98	2018-19			\$	(8.2 M)	\$ (8.2 M)			
99	2019-20			\$	(8.8 M)	\$ (8.8 M)			
100	2020-21			\$	(9.3 M)	\$ (9.3 M)			
101									
102	Total Utility Impact								
103		High			Mic	ldle	Low		
104	Year	Cash	Recurring	Cash		Recurring	Cash	Recurring	
105	2016-17					\$ (11.4 M)			
106	2017-18			\$	(12.7 M)	\$ (12.7 M)			
107	2018-19			\$	(13.8 M)	\$ (13.8 M)			
108	2019-20			\$	(14.9 M)				
109	2020-21			\$	(15.6 M)	\$ (15.6 M)			

	А	В	С	D	E	F	G	Н	I	J
1										
2	# of Customer-Owned Solar Systems						kW Gross Power Rating			
3		IOU	Municipal	Rural Electric Cooperative	Total		IOU	Municipal	Rural Electric Cooperative	Total
4	2008	383	137	57	577		1,696	797	272	2,765
5	2009	1,045	313	267	1,625		7,653	3,378	1,955	12,986
6	2010	1,855	493	461	2,809		12,442	4,099	2,667	19,208
7	2011	2,803	614	549	3,966		19,441	5,002	3,262	27,705
8	2012	3,799	791	684	5,274		30,401	7,021	4,099	41,521
9	2013	4,818	1,007	853	6,678		43,876	11,787	4,865	60,528
10										
	% Change									
12		# o	f Customer-Ov	vned Solar Syste	ms		kW Gross Power Rating			
10		IOU	Municipal	Rural Electric	Total		IOU	Municipal	Rural Electric	Total
13	2000			Cooperative				·	Cooperative	
14	2008	4720/	4200/	2500/	4020/		2540/	22.40/	6400/	2700/
15	2009	173%	128%	368%	182%		351%	324%	619%	370%
16	2010	78%	58%	73%	73%		63%	21%	36%	48%
17	2011	51%		19%	41%		56%	22%	22%	44%
18 19	2012 2013	36% 27%	29% 27%	25% 25%	33% 27%		56% 44%	40% 68%	26% 19%	50% 46%
20	2013	21%	27%	25%	21%		44%	08%	19%	40%
21										
	Residential commercial split information for IOU									
23				Total						
24	2012	733	330	1063						
25	2013	802	240	1042						
26	Grand Total	1535	570	2105						
27					1					
28	Percent of total									
29		Residential	Commercial							
30	2012	69%	31%							
31	2013	77%	23%							
32	Grand Total	73%	27%							

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