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ATTORNEYS AT LAW

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December 1, 2014

***VIA ELECTRONIC MAIL  
ORIGINAL BY HAND DELIVERY***

Secretary Mark D. Marini  
Department of Public Utilities  
One South Station, 5<sup>th</sup> Floor  
Boston, MA 02110

*RE: Cape Light Compact Municipal Aggregation Annual Report*

Dear Secretary Marini:

The Cape Light Compact hereby submits its Municipal Aggregation Annual Report in accordance with the Hearing Officer Memorandum dated November 19, 2014.

Thank you for your attention to this matter.

Sincerely,

A handwritten signature in black ink, appearing to read "Audrey A. Eidelman", with a long horizontal flourish extending to the right.

Audrey A. Eidelman

AAE/drb  
Enclosure

cc: Jonathan Goldberg, Hearing Officer, DPU (w/enc.) (via email and hand delivery)  
Benjamin Davis, Director, Electric Power Division, DPU (w/enc.) (via email and hand delivery)  
Margaret T. Downey, Cape Light Compact (w/enc.) (via email and first class mail)

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# **CAPE LIGHT COMPACT ANNUAL REPORT TO THE MASSACHUSETTS DEPARTMENT OF PUBLIC UTILITIES**

**December 1, 2014**

**(Reporting Period: Fiscal Year 2014)**

## **I. BACKGROUND**

The Cape Light Compact (Compact) is a public entity formed under an Inter-Governmental Agreement in 1997 to advance the interests of consumers in the then newly restructured Massachusetts electric industry and to work collaboratively as a municipal aggregator. The Compact consists of the twenty-one towns and two counties of Cape Cod and Martha's Vineyard. The 1997 Massachusetts Restructuring Act enabled towns and cities to become municipal aggregators like the Compact that could, among other things:

- Purchase power on behalf of all customers in the municipality and provide the power to all customers on an opt-out basis; and
- Implement energy efficiency programs instead of the local electric utility, ensuring that funds collected from Cape and Vineyard residents and businesses are spent to reduce the energy costs of Cape and Vineyard residents and businesses.

On May 10, 2000 the Compact filed its Aggregation Plan developed in accordance with G.L. c. 164, §134 (Section 134) for review and approval by the Massachusetts Department of Telecommunications and Energy (DTE), now the Massachusetts Department of Public Utilities (DPU). DTE docketed the proceeding as D.T.E. 00-47. On August 10, 2000, the DTE issued an Order approving the Compact's Aggregation Plan and model electric supply agreement, concluding that the Compact's Aggregation Plan and contract was consistent with all requirements of Section 134 and DTE regulations.

## **II. COMPETITIVE SUPPLIER FOR FISCAL YEAR 2014**

This annual report provides information requested by the DPU for the Compact's Fiscal Year 2014 (July 1, 2013 through June 30, 2014). The Compact's competitive supplier for Fiscal Year 2014 was ConEdison Solutions.

## **III. TERM OF POWER SUPPLY CONTRACT**

The term of the contract in effect for Fiscal Year 2014 ran from January, 2011 consumer meter read dates through December, 2014 consumer meter read dates.

#### **IV. MONTHLY ENROLLMENT AND USAGE STATISTICS**

Please see Exhibit A for monthly enrollment and usage statistics during Fiscal Year 2014.

#### **V. RENEWABLE ENERGY SUPPLY OPTIONS**

The Compact offers Cape Light Compact Green<sup>sm</sup>, a voluntary program which allows consumers to join a community of individuals and organizations committed to using renewable electricity generating resources. When a consumer chooses Cape Light Compact Green<sup>sm</sup>, the Compact matches 50% or 100% of the electricity a consumer uses each month with renewable energy sources from solar, wind, and small hydro – all of which can dramatically reduce air pollution and environmental damage. Specifically, of the resources included (whether matching 100% or 50% of a consumer's usage), at least 25% is from a resource that qualifies for the Class I Massachusetts Renewable Portfolio Standard (generating Class I renewable energy certificates (RECs)) and the remainder is from Low Impact Hydropower Institute (LIHI)-certified hydro resources. All resources are located within New England. The vast majority of the Class I RECs are from resources on Cape Cod. The Compact has a total of about 1,000 participants in this program.

#### **VI. ALTERNATIVE INFORMATION DISCLOSURE STRATEGY**

The Compact's alternative information disclosure strategy was approved by the DTE in D.T.E. 00-47. For Fiscal Year 2014, in accordance with the alternative methods of disclosure approved by the DTE, the Compact maintained a link to its supplier's current disclosure label at <http://www.capelightcompact.org/power-supply/>. The Compact also publishes a quarterly advertisement containing its supplier's disclosure label information in all Cape and Vineyard daily and weekly print newspapers, an example of which is included as Exhibit B. The Compact also provided a "consumer friendly" version of its disclosure label and the full disclosure label to area municipalities, libraries and senior centers in April 2014. An example of the "consumer friendly" version of the information disclosure label is included as Exhibit C.

In addition, the Compact brings copies of its advertisement containing its supplier's disclosure label information to events the Compact attends. The Compact also periodically includes links to its disclosure label in its electronic newsletter, most recently in the July, 2014 issue, available at <http://www.capelightcompact.org/news/newsletter/>.

# EXHIBIT A

**Cape Light Compact Annual DPU Report - Exhibit A - Customer and load information - July '13 - June '14**

**Usage by rate class, kWh**

Rate Class	Segment	Jul 2013	Aug 2013	Sep 2013	Oct 2013	Nov 2013	Dec 2013	Jan 2014	Feb 2014	Mar 2014	Apr 2014	May 2014	Jun 2014	Total
G1 - General Commercial Use	Commercial	25,575,458	23,595,297	19,033,246	16,752,756	15,928,570	17,479,833	17,811,112	16,097,010	17,059,059	15,273,343	16,594,354	19,403,475	220,603,513
G2 - TOD Medium Commercial Use	Industrial	2,794,359	2,808,834	2,642,102	2,482,619	2,262,081	2,294,787	2,474,014	2,218,824	2,306,522	2,133,274	2,284,159	2,385,440	29,087,015
G3 - TOD Large Commercial Use	Industrial	807,778	884,335	835,171	808,258	808,111	843,390	764,438	588,930	652,510	572,108	528,170	490,195	8,583,395
G5 - Commercial Space Heating	Commercial	431,850	365,280	264,091	236,948	316,017	448,204	481,930	470,470	476,803	321,893	241,026	268,996	4,323,508
G7 - TOD General Use	Commercial	181,968	148,957	115,026	84,615	59,154	57,947	66,532	82,388	103,490	156,319	262,779	317,762	1,636,937
R1 - Residential General Use	Residential	94,038,675	78,705,087	56,050,269	46,664,833	46,126,224	52,543,643	52,233,333	45,052,145	46,207,568	40,700,997	44,240,765	57,432,069	659,995,607
R2 - Residential General Use	Residential	1,168,184	1,009,055	832,977	796,262	848,859	977,078	976,699	839,097	876,023	775,254	738,918	776,240	10,614,646
R3 - Residential Electric Heat	Residential	10,553,693	9,238,286	6,775,027	6,732,423	9,318,153	12,689,813	13,891,448	12,529,169	12,003,819	8,086,819	6,391,215	6,847,236	115,057,100
R4 - Residential General Use	Residential	243,112	220,490	201,224	222,178	317,485	430,038	474,255	436,460	447,941	311,574	221,680	192,771	3,719,208
R5 - Residential General Use	Residential	471,760	423,890	315,548	308,820	383,689	522,434	575,585	514,523	504,471	363,081	317,317	358,182	5,059,300
S1 - Municipal & Commercial Non Metered Lighting	Commercial	303,887	335,087	373,007	430,317	453,279	487,829	536,867	384,363	394,420	335,543	302,304	280,648	4,617,551
S2 - Municipal & Commercial Non Metered Lighting	Commercial	5,377	5,606	5,139	5,798	5,837	6,325	5,513	4,638	4,829	3,923	3,710	3,627	60,322
<b>Total</b>		<b>136,576,100</b>	<b>117,740,203</b>	<b>87,442,827</b>	<b>75,525,829</b>	<b>76,827,457</b>	<b>88,781,320</b>	<b>90,291,725</b>	<b>79,218,016</b>	<b>81,037,455</b>	<b>69,034,130</b>	<b>72,126,396</b>	<b>88,756,642</b>	<b>1,063,358,101</b>

Residential	106,475,424	89,596,808	64,175,045	54,724,517	56,994,409	67,163,006	68,151,319	59,371,393	60,039,822	50,237,726	51,909,894	65,606,498	794,445,861
Commercial	26,498,540	24,450,227	19,790,509	17,510,434	16,762,856	18,480,137	18,901,954	17,038,869	18,038,601	16,091,022	17,404,173	20,274,509	231,241,830
Industrial	3,602,137	3,693,169	3,477,273	3,290,878	3,070,192	3,138,177	3,238,452	2,807,754	2,959,032	2,705,383	2,812,329	2,875,635	37,670,410
<b>Total</b>	<b>136,576,100</b>	<b>117,740,203</b>	<b>87,442,827</b>	<b>75,525,829</b>	<b>76,827,457</b>	<b>88,781,320</b>	<b>90,291,725</b>	<b>79,218,016</b>	<b>81,037,455</b>	<b>69,034,130</b>	<b>72,126,396</b>	<b>88,756,642</b>	<b>1,063,358,101</b>

**Rates, \$/kWh**

	Segment	Jul 2013	Aug 2013	Sep 2013	Oct 2013	Nov 2013	Dec 2013	Jan 2014	Feb 2014	Mar 2014	Apr 2014	May 2014	Jun 2014
<b>Cape Light Compact</b>	Residential	\$ 0.08129	\$ 0.08129	\$ 0.08129	\$ 0.08129	\$ 0.08129	\$ 0.08129	\$ 0.09090	\$ 0.09090	\$ 0.09090	\$ 0.09090	\$ 0.09090	\$ 0.09090
	Commercial	\$ 0.08044	\$ 0.08044	\$ 0.08044	\$ 0.08044	\$ 0.08044	\$ 0.08044	\$ 0.09090	\$ 0.09090	\$ 0.09090	\$ 0.09090	\$ 0.09090	\$ 0.09090
	Industrial	\$ 0.08044	\$ 0.08044	\$ 0.08044	\$ 0.08044	\$ 0.08044	\$ 0.08044	\$ 0.11270	\$ 0.11270	\$ 0.11270	\$ 0.11270	\$ 0.11270	\$ 0.11270
<b>NSTAR Basic Service</b>	Residential	\$ 0.07506	\$ 0.07506	\$ 0.07506	\$ 0.07506	\$ 0.07506	\$ 0.07506	\$ 0.09334	\$ 0.09334	\$ 0.09334	\$ 0.09334	\$ 0.09334	\$ 0.09334
	Commercial	\$ 0.07426	\$ 0.07426	\$ 0.07426	\$ 0.07426	\$ 0.07426	\$ 0.07426	\$ 0.09007	\$ 0.09007	\$ 0.09007	\$ 0.09007	\$ 0.09007	\$ 0.09007
	Industrial	\$ 0.07042	\$ 0.07042	\$ 0.07042	\$ 0.06955	\$ 0.06955	\$ 0.06955	\$ 0.11130	\$ 0.11130	\$ 0.11130	\$ 0.07945	\$ 0.07945	\$ 0.07945
<b>Compared</b>	Residential	\$ (0.0062)	\$ (0.0062)	\$ (0.0062)	\$ (0.0062)	\$ (0.0062)	\$ (0.0062)	\$ 0.0024	\$ 0.0024	\$ 0.0024	\$ 0.0024	\$ 0.0024	\$ 0.0024
	Commercial	\$ (0.0062)	\$ (0.0062)	\$ (0.0062)	\$ (0.0062)	\$ (0.0062)	\$ (0.0062)	\$ (0.0008)	\$ (0.0008)	\$ (0.0008)	\$ (0.0008)	\$ (0.0008)	\$ (0.0008)
	Industrial	\$ (0.0100)	\$ (0.0100)	\$ (0.0100)	\$ (0.0109)	\$ (0.0109)	\$ (0.0109)	\$ (0.0014)	\$ (0.0014)	\$ (0.0014)	\$ (0.0333)	\$ (0.0333)	\$ (0.0333)
<b>Total cost comparison, \$</b>	Residential	\$ (663,342)	\$ (558,188)	\$ (399,811)	\$ (340,934)	\$ (355,075)	\$ (418,426)	\$ 166,289	\$ 144,866	\$ 146,497	\$ 122,580	\$ 126,660	\$ 160,080
	Commercial	\$ (163,761)	\$ (151,102)	\$ (122,305)	\$ (108,214)	\$ (103,594)	\$ (114,207)	\$ (15,689)	\$ (14,142)	\$ (14,972)	\$ (13,356)	\$ (14,445)	\$ (16,828)
	Industrial	\$ (36,093)	\$ (37,006)	\$ (34,842)	\$ (35,838)	\$ (33,434)	\$ (34,175)	\$ (4,534)	\$ (3,931)	\$ (4,143)	\$ (89,954)	\$ (93,510)	\$ (95,615)
<b>Total</b>		<b>\$ (863,196)</b>	<b>\$ (746,296)</b>	<b>\$ (556,958)</b>	<b>\$ (484,986)</b>	<b>\$ (492,104)</b>	<b>\$ (566,808)</b>	<b>\$ 146,067</b>	<b>\$ 126,793</b>	<b>\$ 127,382</b>	<b>\$ 19,271</b>	<b>\$ 18,705</b>	<b>\$ 47,637</b>

Terminations*														
Rate Class	Segment	Jul 2013	Aug 2013	Sep 2013	Oct 2013	Nov 2013	Dec 2013	Jan 2014	Feb 2014	Mar 2014	Apr 2014	May 2014	Jun 2014	Total
G1 - General Commercial Use	Commercial	189	173	118	194	195	172	249	145	147	168	225	1,326	3,301
G2 - TOD Medium Commercial Use	Industrial	-	1			1		1	2	1		1	23	30
G3 - TOD Large Commercial Use	Industrial	-					1						3	4
G5 - Commercial Space Heating	Commercial	2	4	6	1	3	4	3	5	1	8	3	6	46
G7 - TOD General Use	Commercial	-											6	6
R1 - Residential General Use	Residential	1,422	1,329	1,608	1,753	1,417	1,219	1,233	1,086	838	910	1,414	1,324	15,553
R2 - Residential General Use	Residential	122	82	87	128	84	69	97	55	38	35	151	76	1,024
R3 - Residential Electric Heat	Residential	235	166	247	320	232	175	196	143	127	124	230	205	2,400
R4 - Residential General Use	Residential	26	17	19	37	13	13	15	9	8	8	34	14	213
R5 - Residential General Use	Residential	26	15	16	25	18	10	18	13	9	13	22	22	207
S1 - Municipal & Commercial Non Metered Lighting	Commercial	11	8	5	9	7	5	6	2	2	5	11	109	180
S2 - Municipal & Commercial Non Metered Lighting	Commercial	-		1			1						1	3
<b>Total</b>		<b>2,033</b>	<b>1,795</b>	<b>2,107</b>	<b>2,467</b>	<b>1,970</b>	<b>1,669</b>	<b>1,818</b>	<b>1,460</b>	<b>1,171</b>	<b>1,271</b>	<b>2,091</b>	<b>3,115</b>	<b>22,967</b>
Residential		1,831	1,609	1,977	2,263	1,764	1,486	1,559	1,306	1,020	1,090	1,851	1,641	19,397
Commercial		202	185	130	204	205	182	258	152	150	181	239	1,448	3,536
Industrial		-	1	-	-	1	1	1	2	1	-	1	26	34
<b>Total</b>		<b>2,033</b>	<b>1,795</b>	<b>2,107</b>	<b>2,467</b>	<b>1,970</b>	<b>1,669</b>	<b>1,818</b>	<b>1,460</b>	<b>1,171</b>	<b>1,271</b>	<b>2,091</b>	<b>3,115</b>	<b>22,967</b>

Active Customer Count														
Rate Class	Segment	Jul 2013	Aug 2013	Sep 2013	Oct 2013	Nov 2013	Dec 2013	Jan 2014	Feb 2014	Mar 2014	Apr 2014	May 2014	Jun 2014	Total
G1 - General Commercial Use	Commercial	14,326	14,272	14,276	14,258	14,239	14,283	14,291	14,149	14,204	14,239	14,264	14,184	
G2 - TOD Medium Commercial Use	Industrial	50	49	48	48	48	48	48	49	47	47	47	46	
G3 - TOD Large Commercial Use	Industrial	5	5	5	5	5	5	5	4	4	4	4	4	
G5 - Commercial Space Heating	Commercial	287	286	281	280	282	283	284	280	282	286	281	283	
G7 - TOD General Use	Commercial	28	28	28	29	29	29	40	48	48	49	49	49	
R1 - Residential General Use	Residential	112,664	112,703	112,911	112,669	112,083	111,850	111,697	111,210	111,314	111,555	112,019	111,851	
R2 - Residential General Use	Residential	1,756	1,751	1,750	1,764	1,728	1,713	1,710	1,671	1,699	1,733	1,775	1,692	
R3 - Residential Electric Heat	Residential	13,225	13,196	13,209	13,126	13,006	12,963	12,913	12,878	12,876	12,908	12,966	12,934	
R4 - Residential General Use	Residential	350	350	345	340	327	324	329	332	336	339	350	330	
R5 - Residential General Use	Residential	632	639	661	676	687	701	703	702	710	738	745	754	
S1 - Municipal & Commercial Non Metered Lighting	Commercial	1,097	1,096	1,091	1,091	1,080	1,081	1,081	1,078	1,102	1,102	1,101	1,091	
S2 - Municipal & Commercial Non Metered Lighting	Commercial	33	33	32	32	32	32	31	31	31	31	31	31	
<b>Total</b>		<b>144,453</b>	<b>144,408</b>	<b>144,637</b>	<b>144,318</b>	<b>143,546</b>	<b>143,312</b>	<b>143,132</b>	<b>142,432</b>	<b>142,653</b>	<b>143,031</b>	<b>143,632</b>	<b>143,249</b>	
Residential		128,627	128,639	128,876	128,575	127,831	127,551	127,352	126,793	126,935	127,273	127,855	127,561	
Commercial		15,771	15,715	15,708	15,690	15,662	15,708	15,727	15,586	15,667	15,707	15,726	15,638	
Industrial		55	54	53	53	53	53	53	53	51	51	51	50	
<b>Total</b>		<b>144,453</b>	<b>144,408</b>	<b>144,637</b>	<b>144,318</b>	<b>143,546</b>	<b>143,312</b>	<b>143,132</b>	<b>142,432</b>	<b>142,653</b>	<b>143,031</b>	<b>143,632</b>	<b>143,249</b>	

\* Terminated customers include not only those customers who opted-out of our supply but also customers who were considered "drops" i.e. went back to basic service; went to another competitive supplier; or closed their account for various reasons such as moving out of the CLC service territory; or those who were sent back to NSTAR for non-payment.

# **EXHIBIT B**

## Cape Light Compact



# Working Together Toward A Smarter Energy Future

*This disclosure is required by the Massachusetts Department of Public Utilities*

## Content Label for Cape Light Compact Retail Access Electricity Supply Customers

Data for this label is provided by **ConEdison Solutions**, Cape Light Compact's current competitive supplier.

The electricity you consume comes from the New England power grid, which receives power from a variety of power plants and transmits the power throughout the region as needed to meet the requirements of all customers in New England. When you choose a power supplier, that supplier is responsible for generating and/or purchasing power that is added to the power grid in an amount equivalent to your electricity use. "Known Resources" include resources that are owned by, or under contract to, the supplier. "Residual Power" represents power purchased in the regional electricity market.

ConEdison Solutions will update fuel sources and emissions data to its customers quarterly, allowing customers to compare data among the companies providing electricity service on Cape Cod and Martha's Vineyard.

### Generation Prices

Prices for Residential and Small Commercial customers in effect for the period September 2014–December 2014 are as follows:

- Residential customers: 8.892 cents per kWh
- Small Commercial customers: 8.892 cents per kWh
- Medium and Large Commercial & Industrial customers: 7.752 cents per kWh

Prices do not include regulated charges for customer service and delivery. Those charges are billed by your local distribution company.

### Air Emissions

Emissions for each of the following pollutants are presented as a percent of the region's average emission rate based on the System Mix.

System average emission rates are based on data from the 1st quarter of 2014 and were prepared for New England Power Pool (NEPOOL) by ISO New England.

Emissions Data		
ConEdison Solutions Emission Type	Lbs. per MWh	% of NEPOOL System Average
Nitrogen Oxides (NO <sub>x</sub> )	0.592	73
Sulfur Dioxide (SO <sub>2</sub> )	1.255	126
Carbon Dioxide (CO <sub>2</sub> )	638.55	71

New unit emissions data for CO<sub>2</sub> is 760 lbs/MWh; for NO<sub>x</sub> is 0.06 lbs/MWh; for SO<sub>2</sub> is 0.08 lbs/MWh.

#### Notes

The NEPOOL system mix represents all resources used for electricity generation in the region. ConEdison Solutions purchases power from the NEPOOL residual mix, which represents all generation that is not specifically claimed by another supplier and from renewable energy sources to meet state mandated renewable portfolio supply requirements.

### ConEdison Solutions Disclosure Label Based on Data Available as of March 31, 2014

Power Source	% Known Resources	% Residual Power Total	% Total
Gas	0	26.74	26.74
Nuclear	0	35.12	35.12
Coal	0	12.61	12.61
Jet	0	.10	.10
Oil	0	6.90	6.90
Diesel	0	1.50	1.50
Hydro	0	6.25	6.25
Waste to Energy	0	2.96	2.96
Wood	0	1.73	1.73
Other Renewables	0	6.09	6.09
<b>Total</b>	<b>0%</b>	<b>100%</b>	<b>100%</b>

Actual total may vary slightly from 100% due to rounding.

**Nitrogen Oxide (NO<sub>x</sub>)** is formed when fossil fuels and biomass are burned at high temperatures. They contribute to acid rain and ground-level ozone (or smog), and may cause respiratory illness in children with frequent high level exposure. NO<sub>x</sub> also contributes to oxygen deprivation of lakes and coastal waters which is destructive to fish and other animal life.

**Sulfur Dioxide (SO<sub>2</sub>)** is formed when fuels containing sulfur are burned, primarily coal and oil. Major health effects associated with SO<sub>2</sub> include asthma, respiratory illness and aggravation of existing cardiovascular disease. SO<sub>2</sub> combines with water and oxygen in the atmosphere to form acid rain, which raised the acid level of lakes and streams, and accelerates the decay of buildings and monuments.

**Carbon Dioxide (CO<sub>2</sub>)** is released when fossil fuels (e.g., coal, oil and natural gas) are burned. Carbon dioxide, a greenhouse gas, is a major contributor to global warming.

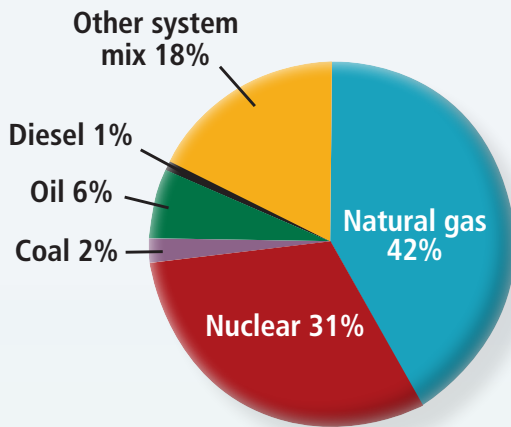


# EXHIBIT C



# Cape Light Compact gives you the ability to choose

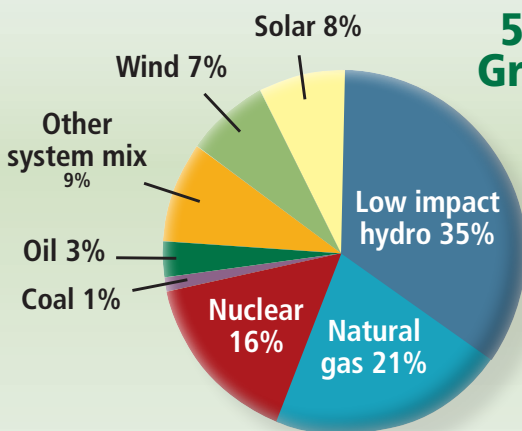
## Basic Electricity Mix from Regional System



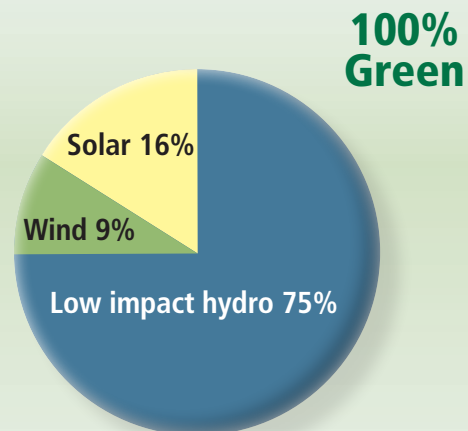
	Air Emissions		
	Pounds Per Megawatt-hour	% of Regional Average	% of New Unit
NO <sub>x</sub>	0.64	67	1067
SO <sub>2</sub>	0.46	120	575
CO <sub>2</sub>	774.16	71	102

- 1 megawatt-hour = 1,000 kilowatt-hours
- % of Regional Average — compares Basic Mix to the average of all of the generation sources in the region
- % of New Unit — compares emissions to those of a typical new natural gas generator

## CLC Green<sup>SM</sup> — for those who want cleaner energy



**50% Green**



**100% Green**

The above is 2013 data—the most recent available. For the full disclosure label and current pricing, please visit: [www.capelightcompact.org/powersupply](http://www.capelightcompact.org/powersupply)

**For more information on CLC Green, visit:  
[www.capelightcompact.org/clcgreen](http://www.capelightcompact.org/clcgreen) or call 800.381.9192**