“It All Adds Up to Zero”

Jamie J. Meyers, AIA
Manager of sustainability

March 19, 2014
20% IRR over 5 years

120,000 kWh in refrigeration

14,820 SF of roof space

15/7/365
Technology
Footprint
Precedence
Brand Reputation
<table>
<thead>
<tr>
<th>Technology</th>
<th>First Solar Project in 2008</th>
<th>Now have 150, with 200 more on the books</th>
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<tbody>
<tr>
<td>First LEED Project in 2009</td>
<td>Now in LEED Volume Program</td>
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<td>First all LED store in 2010</td>
<td>All new stores receive an LED lighting package</td>
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Footprint

8,116

120,000,000

28W to 25W

$765/year/store

$765 \times 8,116 = $6,208,740
Precedence

For the health and wellness of our planet.

People Using Resources Efficiently
Precedence

41,000,000 kWh

138,000,000 kWh

148,000,000 kWh
“Everyday I help people get, stay, and live well.”
Walgreens Evanston Store
ZNE-Emerging

Efficiency Measures:

- Building massing (geometry and orientation)
- Excellent insulation and windows
- Exterior shading, automated interior shades & operable windows
- Dedicated outside air ventilation system
- Demand ventilation controls
- All LED lighting
- Daylight harvesting controls
- Refrigerated case doors
- Heat recovery from refrigeration systems
- Ground source (geothermal) heat pump heating and cooling
- Natural (CO₂) refrigerant
- Solar PV & Wind turbine
Results

Modeling results influenced all LED in new stores

Technology and Footprint

Since January 1, we are 1% over modeled consumption
First zero net energy day was on March 15th

Precedence

One of the most highly publicized openings in the last two years

Brand Reputation
Gary Christensen, Principal

CHRISTENSEN DEVELOPMENT