



Public Building Commission of Chicago

Board Meeting
September 9, 2014





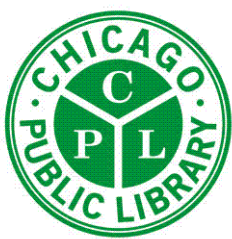
Albany Park Branch Library Opening

Board Meeting
September 9, 2014



Saturday, September 13, 2014
5150 North Kimball Avenue

Chicago
Public
Library





William Jones College Preparatory High School was awarded LEED Gold by the U.S. Green Building Council on August 27, 2014.



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This brings the total of PBC LEED-certified facilities to 66, plus 20 already achieved by other agencies for a citywide total of 86 green buildings.



Harvest Metrics for 69 LEED Buildings*

| BENEFIT | TOTAL IMPACT | MEASURED IN |
|--|---------------|---------------------|
| Stormwater Diverted from Sewers | 658,491 | gallons/year |
| Potable Water Saved | | |
| Landscape | 6,539,256 | gallons/year |
| Buildings | 15,751,321 | gallons/year |
| Total Potable Water Saved: | 22,290,577 | gallons/year |
| Daley Center Water Savings | 17,381,592 | gallons/year |
| Energy Savings | \$1,457,196 | dollars/year |
| Daley Center Energy Savings | \$1,124,797 | dollars/year |
| Total Roof Area | 1,849,894 | square feet to date |
| Green Roof Area (35% overall) | 638,892 | square feet to date |
| Shade Trees on New Construction Sites | 2,512 | trees to date |
| Recycled Materials (22.2% overall**) | \$66,594,921 | to date |
| Regional Materials (37.3% overall**) <i>(Extracted, Processed, Manufactured within 500 miles)</i> | \$112,033,823 | to date |
| Waste Diverted from Landfill (94.8% overall) | 189,771 | tons to date |
| Electric Vehicle Charging Stations | 41 | |
| kWh offset in the form of Green Power RECs | 5,628,427 | kWh |

* 66 LEED certified buildings plus 3 occupied, pending certification (Ping Tom Memorial Park Fieldhouse, Police District 12, Back of the Yards High School)

** Tracking \$300,324,452 worth of materials



Renewables Recap

- **Solar Thermal Systems:**
 - 4 firehouses
 - Westinghouse High School
 - Sarah E. Goode STEM Academy
- **Photovoltaics Systems:**
 - Ogden Elementary School – building-integrated photovoltaics
 - Powell Elementary School – PV ready
 - Sauganash Elementary School Addition – PV ready
 - Garvy Elementary School Addition – PV ready
 - Edgebrook Elementary School Addition – PV ready
- **Geothermal Systems:**
 - 5 fieldhouses
 - 31st Street Harbor
 - 2 firehouses (Engine Companies 16 and 109)
 - 12th District Police Station
 - 5 libraries
 - Sarah E. Goode STEM Academy
- **Renewable Energy Credits:** In addition to using renewables to help heat and cool our buildings, we have purchased REC's for 14 projects, which further the cause of renewable energy development in the region. This is in addition to Parks and CPS green power procurements.

