# Home Energy Rating Certificate

**Property**
- Ana Garcia Doyle
- Oak Park, IL 60302

**HERS**
- Rating Type: Confirmed
- Rating Date: 2018-06-15
- Certified Energy Rater: Lindsey Elton
- Rating Number:  
- Registry ID:  

**HERS Index: 10**

## General Information
- Conditioned Area: 3613 sq. ft.
- House Type: Single-family detached
- Conditioned Volume: 38272 cubic ft.
- Foundation: More than one type
- Bedrooms: 5

## Mechanical Systems Features
- Ground-source heat pump: Electric, Htg: 4.0 COP, Clg: 17.0 EER, w/DSH.
- Water Heating: Conventional, Electric, 0.86 EF, 80.0 Gal.
- Duct Leakage to Outside: 202.00 CFM25.
- Ventilation System: Balanced: HRV, 93 cfm, 94.0 watts.
- Programmable Thermostat: Heat=Yes; Cool=Yes

## Building Shell Features
- Ceiling Flat: R-49.1
- Sealed Attic: NA
- Vaulted Ceiling: R-30.0
- Above Grade Walls: R-21.0
- Foundation Walls: R-0.0
- Slab: R-0.0 Edge, R-0.0 Under
- Exposed Floor: R-30.0
- Window Type: U-Value: 0.300, SHGC: 0.300
- Infiltration Rate: Htg: 2191 Clg: 2191 CFM50
- Method: Blower door

## Lights and Appliance Features
- Percent Interior Lighting: 0.00
- Percent Garage Lighting: 0.00
- Refrigerator (kWh/yr): 477
- Dishwasher (kWh/yr): 259
- Range/Oven Fuel: Electric
- Clothes Dryer Fuel: Electric
- Clothes Dryer CEF: 2.62
- Ceiling Fan (cfm/CEF): 176.00

## Estimated Annual Energy Cost

<table>
<thead>
<tr>
<th>Use</th>
<th>MMBtu</th>
<th>Cost</th>
<th>Percent</th>
</tr>
</thead>
<tbody>
<tr>
<td>Heating</td>
<td>30.6</td>
<td>$657</td>
<td>151%</td>
</tr>
<tr>
<td>Cooling</td>
<td>5.2</td>
<td>$111</td>
<td>26%</td>
</tr>
<tr>
<td>Hot Water</td>
<td>11.8</td>
<td>$255</td>
<td>59%</td>
</tr>
<tr>
<td>Lights/Appliances</td>
<td>28.9</td>
<td>$622</td>
<td>143%</td>
</tr>
<tr>
<td>Photovoltaics</td>
<td>-64.8</td>
<td>-$1396</td>
<td>-321%</td>
</tr>
<tr>
<td>Service Charges</td>
<td></td>
<td>$186</td>
<td>43%</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td>11.6</td>
<td>$435</td>
<td>100%</td>
</tr>
</tbody>
</table>

## Criteria
This home meets or exceeds the minimum criteria for the following: