

TO: **Zoning, Neighborhoods & Development Committee
of the City of Milwaukee**

FROM: **Lawrence M. Hoffman
1225 E. Wright St., Apt. 1
Milwaukee, WI 53212
Representing 350.org Milwaukee**

DATE: **September 13, 2016**

RE: **Testimony – Apartments by Get Jackson LLC at 1623-39 N. Jackson St.**

Please include this memo as testimony for agenda item #10 in file #160117.

This testimony is on behalf of the Milwaukee members of the worldwide environmental organization, 350.org.

It is our understanding that in response to the concerns of neighbors, the developer and architect of this project have proposed certain concessions, one being that the development will be “solar ready.” Below is a description of “solar ready” quoted from the U.S. Dept. of Energy’s website www.energy.gov. **We suggest that you ask the developer (1)** if their concept of “solar ready” comports with this description and **(2)** under what circumstances they would expect to actually install a photovoltaic (PV) system. If you are satisfied that their intention to implement a PV system is genuine, and you find no major faults in their project, we ask that you support it.

DESIGNING AND BUILDING HOUSES THAT ARE SOLAR READY

Builders considering adding photovoltaic (PV) systems to new houses after initial construction is completed can save time and money by following new house Solar Ready design guidelines. Solar Ready houses are designed and built with integrated electrical and mechanical features that streamline the integration of PV systems. Solar Ready design guidelines are straightforward and impact house design in the following general areas:

- Roof pitch and orientation
- Layout of roof vents, chimneys, etc., to prevent shading
- Roof load bearing specification
- Designated roof mounting points for PV array
- Installation of electrical conduit from main electrical panel location to roof
- Specification of main service panel and circuit breakers
- Space near the main electrical panel for PV inverters and other equipment

Early consideration of these few requirements will ensure the seamless integration of future photovoltaic systems.