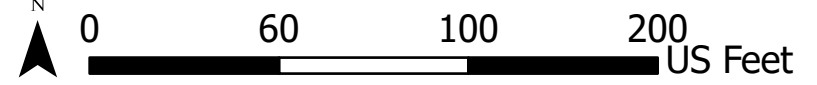


| SITE NAME | Delaware County Gas Station |
|---|---|
| Address | 1605 E Main Street, Muncie, IN 47305 |
| Brownfield Program | EPA Brownfields |
| Area | 0.25 acres |
| Zoning | Limited Business |
| Municipality | East Neighborhood, City of Muncie, Delaware County, IN |
| Distance to Substation | 203 US feet (northeast) |
| Distance to Transmission Line | 427 US feet (south) |
| Distance to Major Road | 0 miles |
| Ownership | City of Muncie Department of Redevelopment |
| Summary of Existing Land Use, Condition, and Restrictions | Flat topography; electrical, gas, sewer, and water utilities available; paved, static area quality |
| Property Progress and Financial Assistance | N/A |
| Estimated Annual Solar Energy Production | 224,219 kWh |
| Estimated Annual Energy Value | \$19,060 |
| Estimated Solar Power Capacity | 25.596 kW or 25,596 W |
| Suggested PV System Specifications | DC System Size: 172.0 kW Module Type: Standard Array Type: Fixed (open rack) Array Tilt: 30 degrees Average Retail Electricity Rate: \$0.085/kWh |
| Greenhouse Gas Equivalencies | 34.2 passenger vehicles driven for one year 18.3 homes' energy use for one year 26.8 homes' electricity use for one year 207 acres of U.S. forests in one year |
| Remarks and Suggestions | Offgrid: \$19,060 Annual Energy Value Within a few steps from a substation, transmission line, and major road |

Legend

- Boundary
- Residential
- Agriculture
- Railroad
- Commercial
- Institutional
- Contours
- Industrial



Group 1: Adam Coleson, Michael Grossniklaus, Elise Jones, Kaylie Slate, Eric Snowden

Sources: US Census Bureau, Geography Division, Delaware County, Indiana, Beacon Website
Indiana Geographic Information Council, Ball State Library GIS Database