



## Request for Information

### *Jackson Smart Energy District*

#### **Consumers Energy**

Consumers Energy, the principal subsidiary of CMS Energy, is Michigan’s largest electric and natural gas provider, serving 6.7 million of the state’s 10 million residents in all 68 Lower Peninsula counties. The company was founded in 1886 and is headquartered in Jackson, Michigan.

#### **Jackson Smart Energy District**

The City of Jackson, real-estate developers, investors, and economic development experts are revitalizing an area of downtown Jackson, Michigan. Consumers Energy’s role in this redevelopment area is to establish the [Jackson Smart Energy District](#), an efficient, and affordable, clean energy hub. Consumers Energy plans to integrate and test the latest smart energy solutions, supporting technologies, and business models in this District to identify scalable and repeatable solutions for other urban developments in our service territory.

Upon completion, the Jackson redevelopment area is expected to include:

- 4 new construction buildings: 2 residential/retail mixed-use, 1 office, and 1 parking garage
- 1 historic building renovation: hotel space, offices, and retail
- 3 historic buildings: public library, office building, and church
- Up to 380,000 sq. ft. of interior living and working space
- Peak load of 1 MW (status quo estimate)
- Approximately 500 workers, 200 residents, 150 daily visitors (hotel and office guests)

#### **Goals**

By 2040, Consumers Energy plans to reduce carbon emissions by 90% and increase renewable energy to 40%. The Jackson Smart Energy District, within its own boundaries, aims to meet those same levels and provide an overall grid benefit within the next few years.

Specifically, the goals for the Jackson Smart Energy District are:

- Provide an overall grid benefit,
- Satisfy 40% of the District’s electricity demand with on-site renewables,
- Reduce the District’s carbon emissions by 90%.

Potential solutions to achieve the District’s goals could include but are not limited to: energy efficiency in buildings, on-site solar, battery storage, electric vehicle charging, building/energy management systems, innovative business models, and public-private partnerships.



**Purpose of this Request**

The purpose of this Request for Information (RFI) is to identify potential vendors with which to work, technologies to leverage, and business models to deploy in order to meet the District’s goals defined above. We welcome responses from a wide range of companies including startups, large technology companies, service providers, and consulting firms. This RFI will inform an upcoming Request for Proposal (RFP) that will ultimately determine the vendors and solutions we choose.

**Information Requested**

Please structure your response to this RFI by answering each of the questions below:

<p><b>#1</b> Your organization’s role in the smart city landscape</p>	<p><b>#2</b> Your organization’s approach to smart cities</p>	<p><b>#3</b> Your organization’s project history related to smart cities</p>	<p><b>#4</b> Your ideas for the <i>Jackson Smart Energy District</i></p>
<ul style="list-style-type: none"> <li>▪ An overview, from your perspective, of the smart city landscape</li> <li>▪ How does your organization fit into this landscape?</li> </ul>	<ul style="list-style-type: none"> <li>▪ What is your smart city approach/ business model?</li> <li>▪ What energy-related customer problem(s) do you solve?</li> </ul>	<ul style="list-style-type: none"> <li>▪ Provide a brief history of your energy-related projects</li> <li>▪ What were the goals and outcomes?</li> </ul>	<ul style="list-style-type: none"> <li>▪ How would your solution(s) assist Consumers Energy to achieve one or more of its goals for the <i>Jackson Smart Energy District</i>?</li> </ul>

**Communication Instructions**

- We invite you to register your interest in responding to this RFI and begin a conversation with us by emailing [JacksonEnergyDistrict@cmsenergy.com](mailto:JacksonEnergyDistrict@cmsenergy.com).
- Responses to this RFI should be no more than 5 pages.
- Responses should be submitted to the above email by 5:00 pm EST on March 13, 2019.