



Industry

Materials Manufacturing

Established

1990

Headquarters

Sunnyvale, CA

Website

www.jsrmicro.com

Bloom Installation

1.1 MW Microgrid

Sunnyvale, CA

June 2019

Video Testimonial

[JSR Micro Case Study](#)

"It's critical that we have uninterrupted power so we can keep our production and quality equipment running on all times. Our customers rely on us, so we've implemented a microgrid strategy to ensure we can continuously produce materials, even in the light of the challenges we face today. Quality, technology, process excellence, and sustainability are our core values. We have partnered with Bloom Energy on our Microgrid strategy to ensure we can live up to these core values."

- Mark Slezak, President, JSR Micro

Why Bloom?

JSR Micro, Inc., the US-based subsidiary of JSR Corporation, is a market leader in the production of high quality semiconductor materials. Their robust portfolio supports the larger innovative ecosystem the semiconductor industry is involved in, helping drive innovations in AI, 5G, and autonomous driving.

When it comes to quality, JSR Micro is uncompromising. Its customers are running 24 x 7 operations and they expect to have materials available at any time. In order to meet that expectation, JSR must be able to provide product under any condition.

When an outage occurs and the production equipment goes down, it can lead to extensive periods of down time, which hurts JSR's ability to manufacture product for its customers. In the wake of a growing number of outages and continued risk to its operations, JSR Micro opted to take matters into its own hands and implement a microgrid to supply critical power to its facilities.

Implementation

Bloom enables the company's manufacturing, test, measurement, and other facilities to operate independently when disruption to the electric grid occurs. In addition to improving the resiliency of its business operations, Bloom also expects to significantly reduce JSR's electricity costs and its carbon footprint over the lifetime of the deployment.