

How PMT Anticipates Surging Demands in the Renewable Energy Sector

RENEWABLE ENERGY

Solar Industry Components

Capability

Injection Molding

Customer Challenge

Finding a reliable molding supplier to keep up with demand for a critical plastic component

Solution

Uncover opportunities to increase output by up to 40% – without tying up the customer's capital or interrupting final assembly locations

Overview

A major renewable energy manufacturer was struggling to meet demands due to rapid growth. PMT developed processes to scale alongside its customer and achieved:

- ✓ 99.9% average On-Time Delivery — with zero defects
- ✓ 100% successful fulfillment for demand increases
- ✓ Nearly 40% increase in production
- ✓ Designation as sole supplier



PMT's Approach

- PMT saw the customer's business growing, and anticipated the need for much higher volumes of a critical component to deliver against demand surges.
- PMT's experts quickly initiated a thorough re-evaluation of the entire process to scale up without sacrificing quality or delivery.
- The team designed and built a new tool that generated nearly 40% greater productivity with the addition of robotics, automation and in-process verification.
- Precision molding, inspection and packaging were fully automated to guarantee faster production, denser shipments and more efficient asset utilization.



Solutions

- ✚ Supply Chain Management
- ✚ Custom Automation & Robotics
- ✚ Engineering Expertise



Results

- PMT took this issue off the customer's critical path and into its optimized, efficient process.
- The customer maintained smoothly operating manufacturing lines, even with enormous month-over-month increases in demand.
- "One supplier the customer doesn't worry about is PMT."

PMT is a trusted supplier for mission-critical parts.



Responsive



Flawless Execution



Reliable



PLASTIC MOLDING
TECHNOLOGY

LOCATIONS

📍 Centennial, CO 📍 El Paso, TX 📍 Longmont, CO

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