



Service/Product Provider

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Optimira Energy’s energy assessment of Subaru’s facilities identifies opportunities resulting in nearly \$90,000 annual savings.

• **Project Scope**

Optimira Energy reduced the plant’s on-line compressed air horsepower by stabilizing the plant air at a lower pressure, configuring efficient compressed air arrangement, and reducing demand-side usage via process retrofits to point of use.

• **Project Summary**

Optimira Energy initially completed an energy assessment to discover savings opportunities for the Subaru facility. After determining which projects interested Subaru, Optimira Energy completed the engineering that included final scope, equipment, installation pricing, and project savings. Optimira Energy then delivered a total turnkey project to Subaru guaranteeing the project scope and energy savings.

- **Energy Savings** \$88,965 or 2,120,625 kWh / year, which equaled an 11.6% reduction in the compressed air system
- **Investment** \$237,194
- **Financial Return** 2.7-year payback
- **Other Benefits** Reduced maintenance due to decreased run time, increased compressor life, and improved reliability.

• **Monitoring & Verifying Energy Savings**

During the detailed engineering process, pressure trending and amp draws were taken to determine the baseline for the retrofit. Comparisons after project implementation confirmed savings.

• **Distinguishing Value**

“The supplier displayed a high degree of professionalism, showed a real interest in the functions of the process, and maintained a presence on our site until we were satisfied with the finished product.”
Subaru

