

**Objectives and Targets Project Plan**

**Year:** 2014

**Project Plan Number:** 2014 - 03

**Narrative of Objective and Target:** *DSM Energy Savings – Complete installation of Lighting Upgrades and GEM Steam Traps – Projects started in late 2013 (See attached project analysis sheets)*

**Assigned To:** Shannon Storrud and Energy Team

**Due Date:** 2014

**Quarter 1 Results:** 25% Complete:  
Projects ongoing with installations of lighting upgrades and steam traps

**Quarter 2 Results:** 50% Complete:  
Completed lighting installations  
On-going steam trap installations

**Quarter 3 Results:** 75% Complete:  
Verification auditing of Lighting upgrades completed by Rocky Mountain Power – Incentive agreement signed and in final review by RMP. Met with ATK on pass-through of incentive credits on monthly ATK electrical invoices.  
Steam trap installations completed by Fibers and Matrix

**Quarter 4 Results:** 100% Complete:  
Lighting incentive DSM credits to monthly bills to start

**Assessment of Results:**  
Both projects completed and incentive agreements in place for DSM invoice credits from RMP and ATK.  
The projects included energy conservation savings on the new Prepreg building and equipment, Fiber Lines 13 and 14, and the plant's Wide Lighting Project. Steam savings were achieved with the installation of 125 GEM non-mechanical steam traps and the amount of natural gas was reduced by Fiber Line 2 and Tower 1 Oxidizer replacements.

**Comments:**  
Across all projects, total annual electrical savings of over three million KWH were seen and total steam savings were nearly 6,000 tons per year. These reductions equated to cost savings of \$359,415 per year. In addition to the annual cost savings, the plant has received incentive checks or will receive incentive cost reductions on the monthly utility bills of over \$542,422 under the State of Utah DSM Program.

**Environmental Engineer Signature** *Byr White*

**Date:** 3/3/15