

Examples of Pulp and Paper Energy Best Practices

Below are a few examples of the Best Practices described in the Guidebook. The descriptions include information on energy savings, paybacks, technology status, application issues, and other resource information.

Mill Area Prefix Code

Mill Area Prefix	Description
CPM	Chemical Pulp Mill
MW	Mill Wide
PM	Paper Machine
SFP	Secondary Fiber Plant
TMP	Thermal-mechanical (ground wood) Pulp Mill
UTL	Utility Plant
WY	Wood Yard

Mill Area	Best Practice Title
CPM	Lime Kiln Oxygen Enrichment
CPM	Carbon Dioxide Washing Aid
CPM	Digester Blow Heat Recovery System
MW	Stop Compressed Air, Water and Steam System Leaks
MW	Collect and Reuse Mill Hot Water
MW	Use Variable Frequency Drives on Motors with Variable Loads
PM	Use Dryer Bars and Stationary Siphons in "Rimming" Dryers
PM	Keep Dryer Section Exhaust Humidity at Optimal Levels
PM	Use a Dryer Management System
SFP	Secondary Fiber High Efficiency Pulper Rotors
SFP	Re-Pulping in a Continuous
SFP	Install Mid-Consistency Drum Pulper
TMP	Recover Heat from Latency Chest Vent
TMP	Use Load Management in Refining
TMP	Increase Rotational Speed of TMP Refiners
UTL	High Solids Firing of Black Liquor in Recovery Boilers
UTL	High Temperature Video Monitors
UTL	Incinerate VOCs in Existing Sources
WY	Automated Chip Handling and Thickness Screening