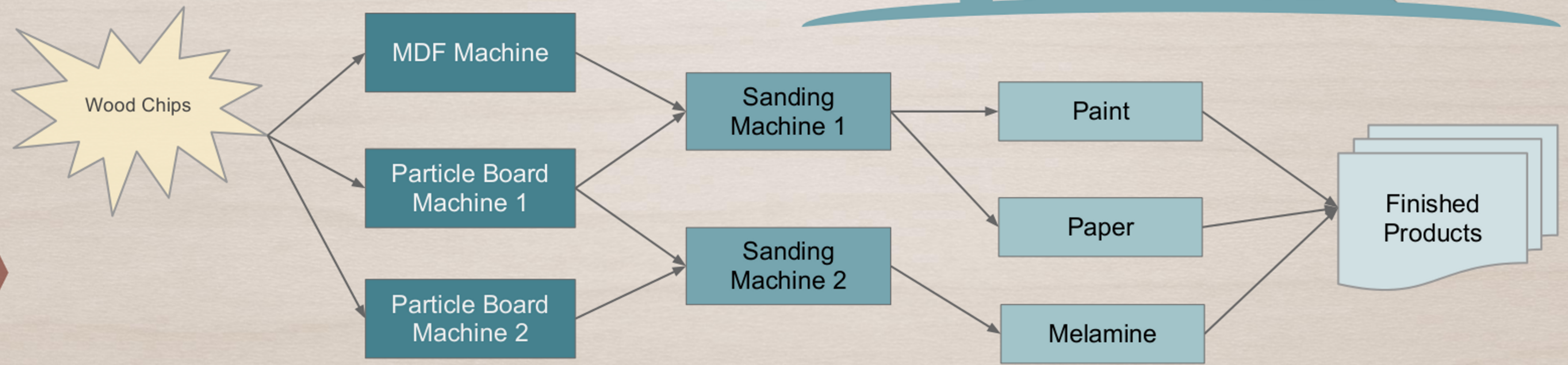


A model and software solution for scheduling in wood processing with peak power demand in wood processing

Wood Processing Plant:



Solution:

A mathematical model of scheduling problem
 +
 A software solution providing user interface
 +
 Existing solvers for integer linear programming problems
 =
 Reductions in monthly demands of 800 kW or more

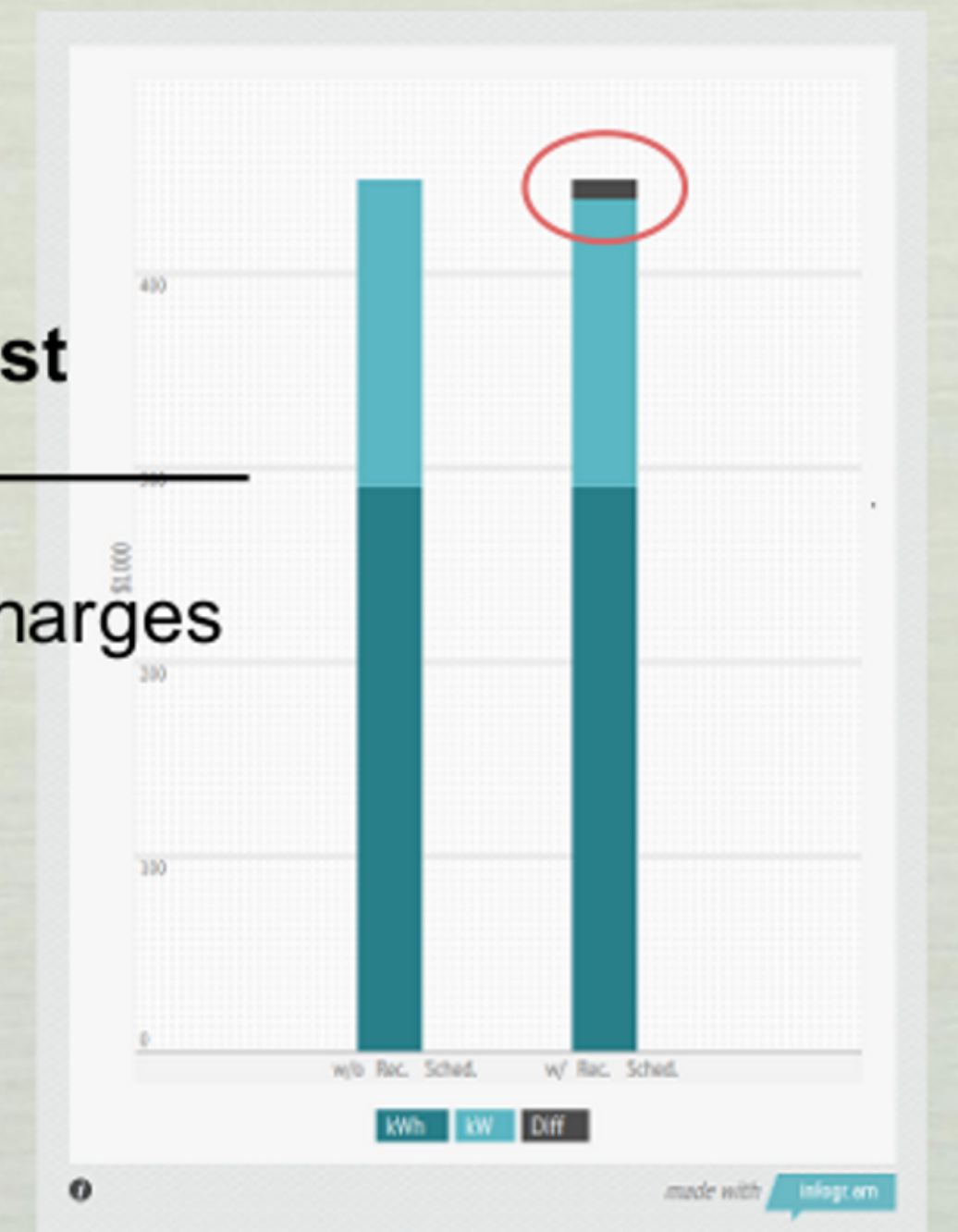
Monthly Power Bill:



5,800,000 kWh x \$0.05 =
 \$290,000.00 Energy cost

12,200 kW x \$13.00 =
 \$158,600.00 Demand cost

\$448,600 Total monthly charges



Result:

Potential for

😊 **\$10,000** 😊

or more in monthly savings!



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