

**TYPICAL EXAMPLE
DIFFUSER COMPARISON
PRESENT WORTH ANALYSIS**

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Aeration System Operating Cost Evaluation
EDI FlexAir® Aeration - Mixing System

Project Location: NEW TOWN, USA NAME: EDI CUSTOMER

Date: January 1, 2017

- 1) Estimated horsepower requirement for competitive system_____ 100 HP
- 2) Estimated horsepower requirement with EDI FlexAir Aeration-Mixing System___ 55 HP
- 3) Estimated horsepower reduction with EDI FlexAir vs. competitive system_____ 45 HP
- 4) Electrical energy cost in cents per kwh_____ 10¢/kWh
- 5) Annual operating cost per horsepower_____ \$653/HP
- 6) Potential annual savings provided with EDI FlexAir Aeration-Mixing System___ \$29,407/year
- 7) Cost of financing (interest rate)_____ 6%/year
- 8) Term of life cycle cost evaluation_____ 20 year
- 9) Projected present worth power savings with EDI _____ \$337,300

Notes:

