

Gas Turbine Inlet Filters

Value Considerations in Filter Selection

McIlvaine Hot Topic

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Value Principles in Filter Selection

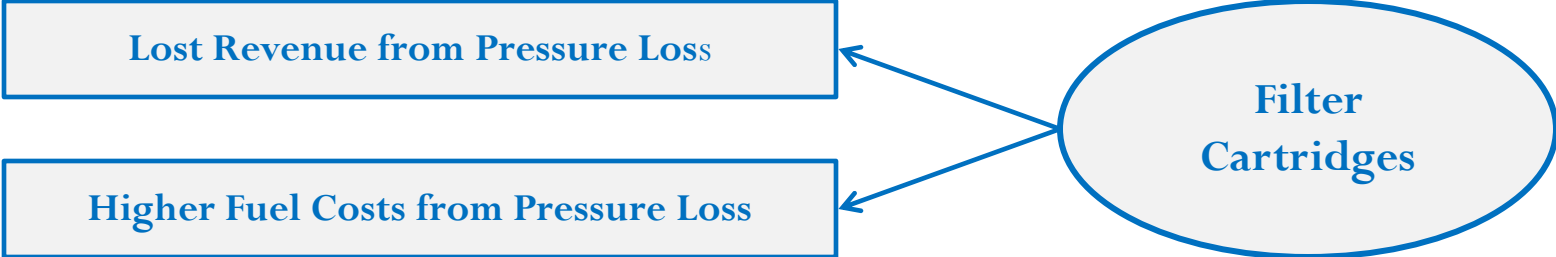
❖ Cost of filter replacement is small compared to potential impact on the machine they protect.

- Lost revenue
- On-going maintenance
- Long term corrosion

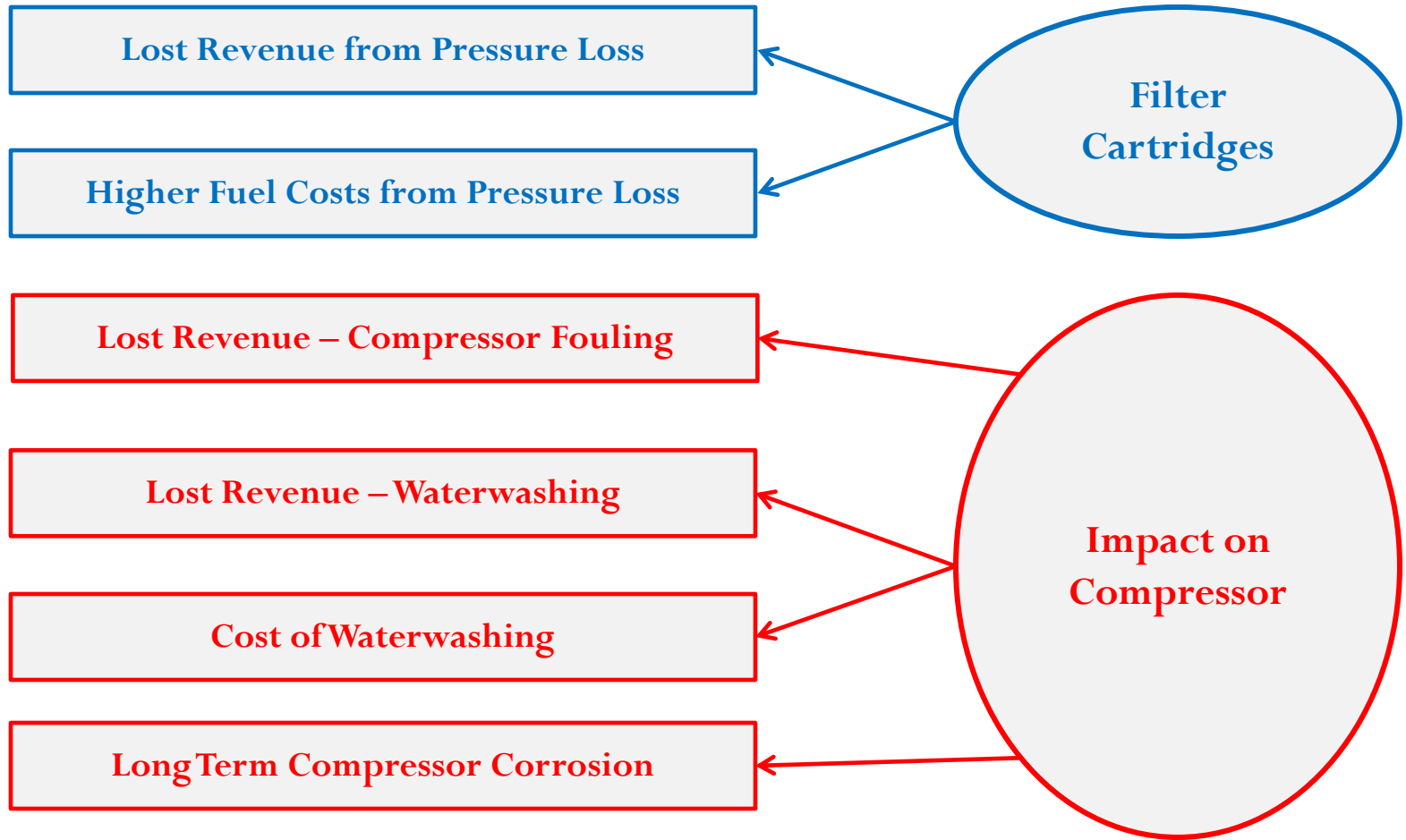
BUT

❖ Site and operating conditions will determine cost and **value**.

Inlet Filters -- Value Elements to Balance Cost



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Considerations in Filter Replacements

Clear

- Location (coastal/inland; rural/urban; industrial/isolated)
- Ambient (presence/concentration of salt, dust, hydrocarbons, temperature and weather events)
- Operational (simple/combined cycle; dispatch curve; transmission limitations, waterwash limitations)
- Filter House Design
- Standardization
- Warranties
- Budgetary Constraints are real
- Difference between today's \$\$ and tomorrow's \$\$ when determining Present Value
- Competing projects in other areas

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