dry gas loss with .5% O_2 increase

≈ $160,000 per year per unit

with additional 2% leakage on air heaters due to increased flow

≈ $40,000 per year per unit

Plus For 5° increase Blr outlet gas temp ≈ $130,000 per yr per unit

10° " " " " " ≈ $261,000 per year per Unit

20° " " " " " ≈ $524,000 per year per Unit

2% Additional costs main Steam Sprays

Cycle makeup from sootblowing

~~Save~~

if run .5% UBC cost 4.5 BTU/kwh → $47,600 per unit per yr

if run 1.0% UBC cost 9 BTU/kwh → $95,200 per unit per yr

∴ Save $47,600 per unit per year on UBC

$1/ton ash

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