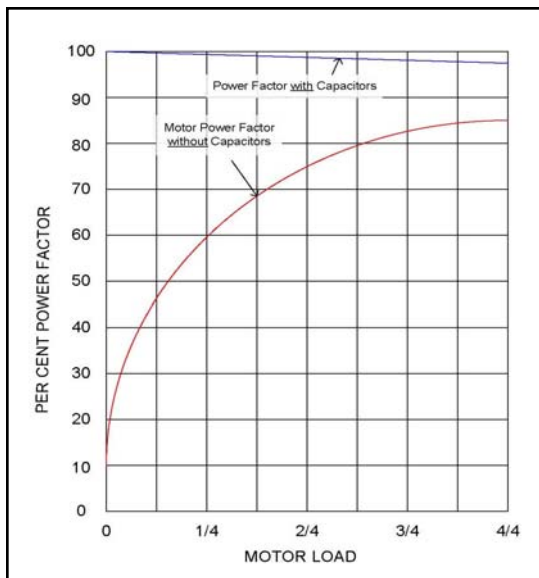




# Power Factor Correction

When you reviewed last month's utility bill, were there penalties or charges that concerned you?

Do motors make up a large percentage of your electric load?



Power factor correction reduces unwanted penalties and increases efficiency by lowering the drawn current, especially to motors. Motors consume over 60 percent of all electricity used in the United States. In effect, power factor correction improves the efficiency of converting electrical energy into useful work.

## How can Interstates help?

- Analyze your utility bills to see what penalties are being incurred
- Determine power factor through electrical measurements
- Calculate payback period of corrections to determine feasibility
- Design and implement the correction systems

## Options in correcting power factor

- Install capacitors on inductive loads
- Replace standard motors with high efficiency, high power factor motors

## What have we experienced?

*For a typical processing plant, power factor correction equipment and installation might cost between \$15,000 and \$100,000 with payback periods ranging from 1 to 2 years.*

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