



# Short Circuit Study

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Did your most recent short circuit study determine that all equipment was sufficiently rated to withstand the calculated fault current?

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Have recent additions and modification to your facility been factored into short circuit protection?

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*If not, then a short circuit is a definite danger that could prove very costly - the average cost of any electrical injury is \$50,000! While breakers may limit the damage, they cannot prevent short circuits. A short circuit study can greatly reduce the risk of injuries and the potential for equipment damage.*

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## Why conduct a short circuit study?

- Improve safety and reduce the risk of injury
- Reduce the possibility of equipment failure and significant maintenance costs
- Reduce downtime from equipment failure

## How can Interstates help?

- Mathematically model the electrical system to determine the magnitude of the fault current
- Determine whether existing circuit breakers and uses are sufficiently rated
- Provide recommendations on equipment replacement and upgrades to minimize the potential for short circuit damage



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# INTERSTATES ENGINEERING

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