

3 Phase 3 Wire & 3 Phase 4 Wire

Tune® In Commercial /Industrial Settings

To keep it simple, Tune® can be installed and significantly impact electrical systems with a neutral bus bar. This includes commercial or industrial applications with load panel volts of 480 or less.

While the statement above seems simple, it can be confusing in some industrial settings. Industrial buildings run on 3 phase electrical systems. There are two common types of 3 phase systems:

3 PHASE 3 WIRE



- Three hot wires
- No neutral & ground wire
- **Not compatible with Tune®**
- Recognized by:
 - Load panels of 240 volts and higher
 - Equipment is typically hard-wired

3 PHASE 4 WIRE



- Three hot wires
- One neutral & ground wire
- **Compatible with Tune®**
- Recognized by:
 - Load panels of 480 volts and lower

Tune® certainly has a place in 3 phase 4 wire facilities, and **we can have an impact in most 3 phase 3 wire buildings**. While hard-wired equipment on a production floor may be 3 phase 3 wire, other parts of a facility present an opportunity for Tune® to deliver savings. Offices, server rooms, call centers, and break rooms, to name a few.

Henkel Corporation

Some of the equipment is hard-wired 3 phase 3 wire on the production floor of a Henkel manufacturing facility. Opportunity for Tune® existed in other parts of their facility. By installing Tune® in only those areas of the building with neutral bars, Henkel found incredible energy savings as well as significant and measurable savings from maintenance. A complete Henkel case study is available on request.



Simple Energy Savings.



Simple Energy Savings.

15%

Henkel

kWh SAVINGS*

“Since installing Tune® devices, I have not experienced as many equipment alarms... vastly improved operations and my peace of mind.”

David Margulewicz
Plant Manager
Henkel Corporations



Contact Your Tune® Representative To Learn More

Save energy + Save electronics + Save resources = Save money
energybytune.com

*Source: David Margulewicz, Henkel Corporation [2019]
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