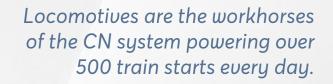
## DC to AC Locomotive Modernization

CN's modernization program is transforming 20+ year old assets and upgrading from Direct Current to Alternating Current, outfitting the upgraded locomotives with state-ofthe-art technology.

- More cost effective than new-locomotive purchases
- Extending locomotive useful life
- Reducing operating cost
- Improving efficiency with ~5% less fuel burn
- Improving reliability with ~30% less shop events
- Improving pulling power with ~55% more tractive effort





Transformed into a state-of-the-art 4,400HP AC unit.

