Dark by 2050

Electrical workers build and maintain our grid. But as we move toward more and more electrically powered vehicles, there won’t be enough of them to build or maintain the grid.

By 2050 we’ll need 41,185 more electricians.

The Electrical Workforce is Declining

As a national training initiative, the National Electrical Contractors Association is partnering with universities, technical schools, and community colleges to boost the availability of skilled electrical professionals.

What Could Happen Without More Electricians?

Between 2030 and 2040

Blockouts that last weeks or months

Permanent outages

Millions of households without power

3 Months

The Costly Toll of Rolling Blackouts

Barbecues, business meetings, and public safety of the future will suffer if we cannot provide reliable electricity. Those events will not benefit from the new energy we are trying to provide.

Dark by 2256: The Grid is Gone

The 2040s could resemble the 1840s.

The time to address the skills gap is now.

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