



Empire State Realty Trust

New York, New York



Contract Type

Lighting

Contract Amount

\$300,000

Energy Firm

Green Arc Energy Advisors

Number of Fixtures Replaced

1,500

LIGHTING CASE STUDY

FSG was contracted to upgrade over 1,500 four-foot and eight-foot linear fluorescent lights to LED fixtures.

Challenge

The back-of-house areas in the Empire State Building were using 20-year-old fluorescent lights. All of the electrical rooms, mechanical spaces, elevator machine rooms, janitors' closets, and storage areas ran 24/7. There were also two floors that had lights removed and were entirely dark.

Solution

FSG upgraded all the fluorescent lights to LED fixtures, cutting lighting related energy use by 60% in these spaces. We also ran three new circuits to feed new lights installed on the two dark floors. FSG worked with building engineers and individual tenants ensuring limited disruption for workers in the building. This project started in December of 2021 and our techs adhered to rapidly changing Covid protocols every step of the way.

