

Newport Lexus

3901 MacArthur Blvd, Newport, CA

In November 2019, Newport Lexus in Orange County, CA chose to replace its aging air conditioners with 9 new Ice Bear 40s and 72 tons of brand-new high-efficiency rooftop ACs. The savings were immediate: the new Ice Bear system delivered **over \$34,000 in savings** and a **14% reduction** in the dealership's electric bills.

Situation

As summertime temperatures increase, commercial air conditioners work harder and less effectively; this strains the grid while making everyone indoors a bit less comfortable. In July of 2018, the 50,000 sq ft Newport Lexus dealership, which had 15-year-old HVAC equipment nearing the end of its useful life, spent \$39,066 on its electricity bill.

Solution

Newport Lexus's new Ice Bear installation was packaged with new high-efficiency ACs as part of the SoCal Thermal Storage Program. The Ice Bears take over cooling from the powerhungry HVAC equipment every day from 2-6pm, when electricity prices are at their highest. At all other times of the day, the new AC units operate as usual.

Despite extreme summer heat, which drove temperatures above 100°F, the new Ice Bears worked flawlessly. With the new Ice Bear AC system in place, Newport Lexus saw its utility bills drop dramatically: the dealership saw savings of \$34,514. As a result of its Ice Bear system, **the dealership is cutting roughly 31,500 lbs. of CO2 annually** – the equivalent of planting 426 trees each year.

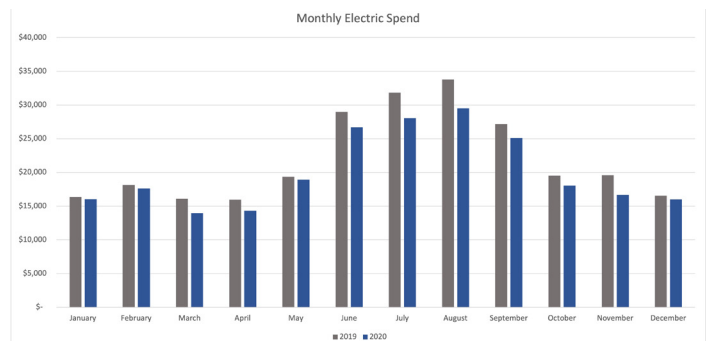
The Ice Bear units are covered by a bumper-to-bumper 20-year service contract, while the new HVAC equipment lowers the dealership's on-going maintenance expenses and dramatically reduces the operating costs of running the business.



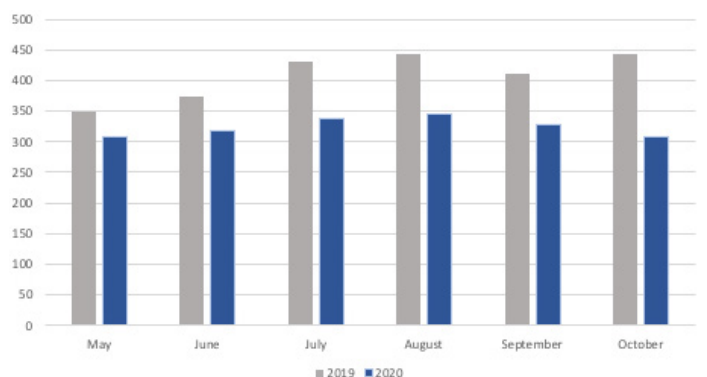
Size 50,000 ft² Commercial Space

Installing Contractor Sanfer Electric

Comparison of 2019-2020 electric bills



Summer peak demand (kW)



Ready to learn more? Contact us today to find out how Ice Bear thermal storage can help your business reduce your yearly energy costs.

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