

PUNAHOU SCHOOL'S PATH TO NET ZERO



PROGRAM HIGHLIGHTS

- Overall NZE Program Management
- Strategic Energy Master Plan
- Estimated annual energy-efficiency savings of over 20%
- 60% NZE by 2021 (compared to 13% NZE in 2017)
- Received over \$100,000 in lighting incentives and over \$30,000 in A/C incentives from the Hawaii Energy Program for qualifying energy efficient equipment implemented
- Over \$400,000 in estimated annual energy cost savings from energy efficiency measures implemented

CLIENT

Punahou School
Honolulu, HI

SUBMITTING FIRM

RHA Energy Partners LLC
Honolulu, HI

Punahou School's Path to Net Zero is the first large-scale, whole-campus educational project of its kind in Hawaii that incorporated a turnkey approach towards a 100% Net Zero Energy (NZE) goal through a top-down commitment to transformative occupant behavior and energy efficient facility operations. RHA Energy Partners served as the overall program manager and design-build contractor, completing the project eight months ahead of schedule and within budget. Punahou School has achieved energy-efficiency savings estimated at over 20% and has received over \$100,000 in lighting incentives, and \$30,000 in A/C incentives from the Hawaii Energy Program for qualifying energy efficient equipment installations. Having started with a 13% NZE footprint in 2017, to an estimated 60% NZE footprint in 2021, the NZE Program serves as a role model for other educational institutions, organizations, and businesses in Hawaii and throughout the United States as how it can significantly impact and improve sustainable and energy initiatives.