

Richmond Public Schools

2.87 MW (2020)

Secure Solar Futures installed **2.87 megawatts** of solar panels on ten campuses of public schools in the city of Richmond, VA. This is equivalent to the amount of CO₂ emitted by 496 homes' electricity use for one year.

This will save Richmond Public Schools **approximately \$2 million in energy costs over the next 20 years**. Secure Solar Futures will help the schools integrate the solar panels into classroom work through **teacher training** and **SOL-compliant curricula**. Involving both research and implementation, **Throwing Solar Shade®** builds on the work of Science Museum Chief Scientist Jeremy Hoffman, PhD, to study and mitigate the urban heat-island effect in the city of Richmond, called Throwing Shade RVA.

Secure Solar Futures sells **100% of the solar power** produced to the school division at a rate lower than what they are currently paying to their electric utility.

