



“The Mission of the Key Largo Wastewater Treatment District is to preserve and protect the delicate ecosystem of the Florida Keys while providing exceptional customer service.”

Key Largo Wastewater Treatment District

Total Phase 1
panels = 347



Lifting supplies onto the roof.





East Roof
Array

West Roof
Array





Chlorine Contact Chamber Array





Shade
provided by
the CCC
array.

KLWTD Solar Project Phase 1 Cost

Total Panels	347
Annual Output (kwh)	189,508 kWh
Project Cost	\$386,600
DEP Funding	\$386,600
Total Cost to District	\$0

Projected Total Phase 1 Savings Arrays plus Chemical Savings

Timeframe	Total Electricity Savings	Sodium Hypochlorite Saving	Combined Savings
2019 Projection	\$23,577	\$17,973	\$41,549
20-Year Projection	\$576,748	\$439,656	\$1,016,404
40-Year Projection	\$1,445,265	\$1,101,728	\$2,546,993

KLWTD Solar Project Phase 2

Projected Cost

Total Panels	1350
Annual Output (kWh)	789,885 kWh
Project Cost	\$1,637,891
Grant Funding	\$1,637,891
Total Cost to District	\$0

Projected Total Phase 2 Savings

Timeframe	Total Electricity Savings
Average Annual Projection	\$133,156
20-Year Projection	\$2,125,488
40-Year Projection	\$5,326,231

Projected Total Phase 1 & 2 Savings

25% Electrical Savings Annually

Timeframe	Total Electricity Savings	Sodium Hypochlorite Saving	Combined Savings
Average Annual Projection	\$185,660	\$23,624	\$209,284
20-Year Projection	\$2,930,383	\$358,500	\$3,288,883
40-Year Projection	\$7,426,410	\$944,967	\$8,371,377

Total Project Cost \$2,024,491

Cost Savings Per Year (40 Years)



