



Project Highlights

Standard Chartered Bank at DIFC, Dubai



Annual ΔT Highlights Performance

413,758 AED

Annual Penalties
Pre-Retrofit

5.2°C

Average ΔT at the building
side Pre-Retrofit

0 AED

Projected Annual
Penalties Post-Retrofit

8.9°C

Projected Average ΔT at the
building side Post-Retrofit



Project Results



Above 9°C

Achieved Delta T after controls



413,758 AED

Projected Annual Cost Reduction



1.23 Years

Projected Simple Payback



Challenges



Low Delta T (ΔT) Syndrome

Low difference between the temperature going inside the building and that returning, causing a penalty by the district cooling provider



Solution



Controlling chilled water flow at the Secondary side of the heat exchanger to maintain the desired ΔT



Financing



Cost Reduction
Contract



Guaranteed
Performance



ΔT Penalties

