

Commitment To Sustainability

CTLGroup provides a comprehensive variety of architectural, engineering, consulting, research and testing services that support sustainability of the built environment:

- Efficient use of energy, materials and resources
- Solar Reflectance Index testing (SRI) for LEED compliance
- Environmental product declaration (EDP) for cement
- Low carbon cementitious materials and concrete mixture designs

CTLGroup has been making the world a greener place—project by project—for over 30 years in several ways:

- Contributing to the development of ASHRAE/USGBC/IES Standard 189.1 Standard for the Design of High Performance Green Buildings (since 2006)
- Contributing to the development ASHRAE 90.1 Energy Standard for Buildings Except Low-Rise Residential Buildings (since 1990)
- Testifying at the International Green Construction Code Hearings (IGCC) since August 2010 and the International Energy Conservation Code Hearings (IECC) since 2002 to evaluate the topic of renewable energy integration into buildings and on the renewable ready requirements of ASHRAE/USGBC/IES Standard 189.1 on High Performance Green Buildings
- Helping facility owners maintain energy efficient facilities

Sustainability Services

- Building envelope engineering, including insulation, thermal mass, air barriers, vapor retarders, and moisture mitigation
- Energy code compliance
- Environmental Product Declarations (EDP) for cement
- Service-life assessment
- Remaining service-life analysis
- Solar Reflectance Index Testing (SRI)
- Optimal concrete material proportioning using recycled content materials
- Blower door testing for air infiltration code compliance
- Thermal imaging
- Hygrothermal analysis
- Green and solar roof design

