



GHD Electrical Engineering - Building

WATER | ENERGY & RESOURCES | ENVIRONMENT | PROPERTY & BUILDINGS | TRANSPORTATION

Our approach

We deliver solutions across the project lifecycle: from the generation and local distribution of electrical power associated with buildings and campuses, to building-related instrumentation and control technology.

GHD has a global network of professionals that can enable you to achieve your project goals across our ten key market sectors of education & science; commercial & workplace; transport facilities; Defence; retail & hospitality; health & wellness; community & justice; industrial; residential, retirement & aged care and transport facilities.

Your project will benefit from our carefully integrated design, highly efficient lighting, effective power distribution systems and the use of natural, renewable sources of light and energy.

We know that you value facilities that operate to briefed standards and levels, are secure, aesthetically pleasing and sustainable. You have told us that we need to consider the project life cycle to enable efficient products to be installed, used and recycled at end-of-life.

Our electrical teams are well placed to meet the challenges facing industry. Our engineers are constantly extending the envelope of possibility to improve the performance of buildings while tracking costs, buildability and program realities.

Services

We provide electrical services as an integral component of a total building package or as an individual service.

If it needs a cable, requires power, has voltage or even if it's wireless, then we've got it covered:

- LEED, Green Star, Estidama, BREEAM services
- Substations, cable reticulation, switchboards, UPS, generators
- Building energy, power generation & distribution
- Cogeneration, tri-generation and renewable energy
- Low energy, smart controls, LED for buildings, roads, tunnels, architectural & airfield lighting
- Analysis, including solar reflection, daylighting factors, glare ratings, & solar shading
- Communications: cable & fibre, ICT, cable management, active equipment, pits and pipes
- Videoconferencing, PA, sound & video
- Security: access control & monitoring, CCTV, intrusion, integration
- BMS, BAS, KNX, web based, IP based controls
- Medical: smart theatres, nurse call, patient monitoring
- Fire detection, alarms: fast response, AS/NZS, NFPA

For further information, contact:

www.ghd.com/electrical-engineer-building

