



# Commitments to Sustainable Development

# Gladstone Power Station - History



- Queensland's largest power station with a generating capacity of 1,680 megawatts.
- Operated by NRG on behalf of the Joint Venture participants Rio Tinto Alcan (42.125%), NRG Energy Inc (37,5%), SLMA GPS Pty Ltd (8.5%), Ryowa 11 GPS Pty Ltd (7.125%) and YKK GPS (Queensland) Pty Ltd (4.75%).
- Construction began in March 1971 and finished in February 1982.
- NRG Energy Inc Owns and operates a variety of energy related operations worldwide.



- Committed to protecting the environment.
- Report Greenhouse gas emissions annually as part of the Federal Government initiatives for carbon reduction.
- Contributed to the establishment and ongoing costs of air monitoring stations.
- Created a 60 hectare buffer zone around the site to create a wind break from the stockpile area.
- Provide Environmental Awareness training to all employees. Employees encouraged to consider energy consumption and protection of the environment in all their day to day activities.



# Health & Safety



- Committed to an ultimate goal of zero injuries.
- Maintain systems which manage the occupational health of employees.
- Established a Wellness Program which promotes new wellness and healthy lifestyle initiatives.



# Community Engagement



- Established Community Assistance Program focussing on disadvantaged groups, youth at risk, education and environmental programs.
- Major supporter of community events such as Clean up Australia Day, Gladstone Harbour Festival and Relay for Life.
- Provide financial support to local charities through the Gladstone Community Charities Fund.
- Industry tours and established local website
- Actively support Gladstone Industry Leadership Group and Port Curtis Integrated Monitoring Program.



# Labour Force Recruitment & Retention

- Support an inclusive, non discriminatory employment policy.
- Maintain apprenticeship and traineeship programs.
- Fund Engineering Study Scholarships.
- Support local schools with comprehensive work experience program.
- Provide funding and resources to the Gladstone Engineering Skills Centre.



# Infrastructure Development

- Installed fabric filters to reduce particulate emissions.
- Modified induced draft fans to reduce noise emissions.
- Modified coal conveying system to reduce airborne coal dust.
- Installed a dry fly ash dust removal system to reduce the size of the ash disposal storage areas.
- Implemented an ash placement process which maximises storage volume, creates even settlement and allows earlier reuse of land.

