



Reduced Council's overall energy and water consumption

Provided cost operational cost analysis and predicted return on investment

Provided solutions to significantly reduce water consumption of top 10 users

Enabled Council to manage increasing population with efficient and cost effective water and energy systems

# The Hills Shire Council Energy and Water Management Plan

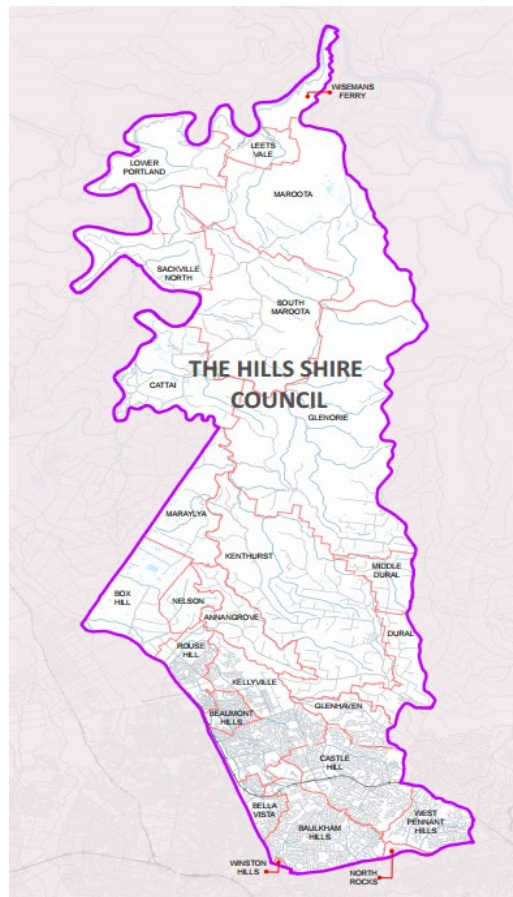
## BACKGROUND

The Hills Shire Council (THSC) NSW are responsible for providing services for over 180,000 residents, businesses and the community in North Western area of Sydney. As a requirement stipulated by the Office of Environment & Heritage, THSC was required to prepare a Water Efficiency Management Plan (WEMP) and Energy Management Plan (EMP) to identify and implement practical and cost effective measure to better manage water and energy usage.

## SSI'S ROLE

SSI conducted the following works:

- Conducted energy and water consumption audits on the top 10 consuming properties as nominated by THSC;
- Developed energy and water usage breakdown for each council property;
- Identified opportunities for energy and water savings for individual council properties;
- Prepared return on investment analysis and cost breakdown for energy and water usage against potential savings; and
- Prepared a comprehensive Energy Management Plan and Water Efficiency Management Plan outlining the opportunities for council to reduce environmental impact and operational demand.



## SSI SERVICES PROVIDED

Asset & Maintenance Management

Efficiency Audits & Cleaner Production

Environmental Compliance & Licensing

Sustainable Resource Management

Asset & Maintenance Management

Design, Construction Management & Commissioning

Efficiency Audits & Cleaner Production

Environmental Compliance & Licensing

Master Planning

Plant Assessment & Optimisation

Sustainable Resource Management

Risk Assessments (HACCP & HAZOP)



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