



14D AGM

7th of November 2019

Capital Structure

Shares on issue: 172,459,923

Quoted shares: 140,444,058

	Shareholders
As of 30/10/19	3,269
At IPO	2,115

	Top 110 Holdings	% of shareholders
25/10/2019	110,275,815	64%
31/10/2018	111,968,824	65%

- The shareholding structures and numbers have had little change since IPO
- 32 million management shares escrowed until September 2020

Key achievements over the last 12 months

- ✓ Commissioned first electrically charged TESS
- ✓ Commissioned first GAS-TESS at SA Water's Glenelg Wastewater Treatment Plant
- ✓ ARUP Engineers report favourably on TESS solution for greenhouse farming
- ✓ Agreement with Nectar Farms to progress TESS for Protected Cropping greenhouses
- ✓ Agreement with Enova Energy to progress joint venture to roll out TESS on commercial and industrial (C&I) sites
- ✓ Feasibility study underway on first C&I site, Stone and Wood brewery to displace LPG for process heat

Key new appointments

- Large scale silicon storage team:
 - Dr Jordan Parham
 - Dr Mahesh Venkataraman
- Board:
 - Mr Ian Little
 - Ms Penelope Bettison
 - Mr Robert Shepherd retires as a director after 10 years of service
 - The Company thanks Robert for his many contributions as company secretary, director and accountant over many years



Key focus for the next 12 months

- Business case for the GAS-TESS
 - We anticipate this to lead to first significant revenues for your Company
 - The global market indicates tens of thousands of GAS-TESS would be needed to replace all existing engines in Wastewater Treatment Plants
- Progress installation of electrically charged TESS
- Energy trading revenues
 - Securing power purchase agreements (PPAs) to support industrial TESS placements



Energy Solutions

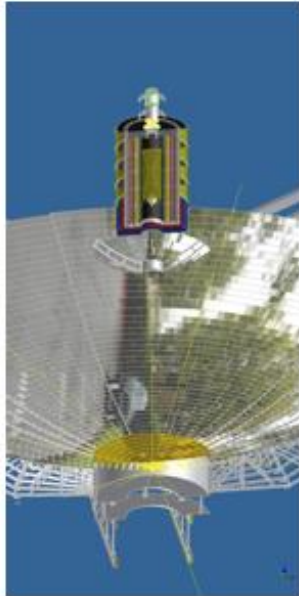
How we generate revenues from energy sales



Driving future value

Direct solar energy capture

Use highly efficient solar energy from Concentrated Solar Thermal (CST) to directly heat the silicon store as envisaged in 14D original patent.



14D original
patent concept



Concentrated Solar Power

Driving future value

Green hydrogen production

Hot clean air from TESS drives efficient hydrogen generation from water

Hydrogen could be the future fuel for transport and energy export

1414 Degrees Solution



Alternative Solutions





CLEAN
SCALABLE
ENERGY
STORAGE™

THANK YOU

ASX: 14D
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