



# Genesis Energy Hackathon

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Getting more out of our Generation Assets

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# Background/Purpose

## — What is a Hackathon

A Hackathon (Hack-marathon) is an event where teams get together to solve a business problem and deliver a working prototype or MVP (minimum viable product).

- Common in the Tech world
- Often run over weekends or after hours
- Brings together people from across the business
- A really effective way of engaging your people and solving a problem
- Foreign to most power station people



# Why would you?

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For Genesis, it was about engagement, culture change and unleashing the smart minds of power station people

- Prompt a culture change from saving every penny to having a crack at new ideas
- Bringing together diverse people from across the organisation
- Need for a Digital Strategy but unsure what it would entail
- Involving our key contractors
- Giving our people permission to have fun.



# How to make it fit an Asset company?

Make the event work for you, a Hackathon or similar styled event doesn't have to be prescriptive and it doesn't have to be called a Hackathon.

- Pick a meaningful problem to solve
- Educate leading up to the event
- Modify the style to suit your audience and outcome
- Diversity and inclusion, a 20 person event in a 200 strong workforce doesn't drive cultural change, aim high.

## The Challenge

**“Re-imagine how Genesis creates value from its Generation and Fuel Assets”**

Possibly using:

- Data
- Mobility
- Digitisation
- Process Re-Design
- Basically any great idea!



**Hackathon**  
Generation & Wholesale

# Two days of intensity and fun

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- 13 teams
- Extremely tight timelines
- Everyone together in one room
- Diverse Teams made up of Maintenance, Operations, IT, Engineering, contractors etc
- Diversity of ideas
- Very developed prototypes – ROI's, working apps, working models





# Summary of key team ideas

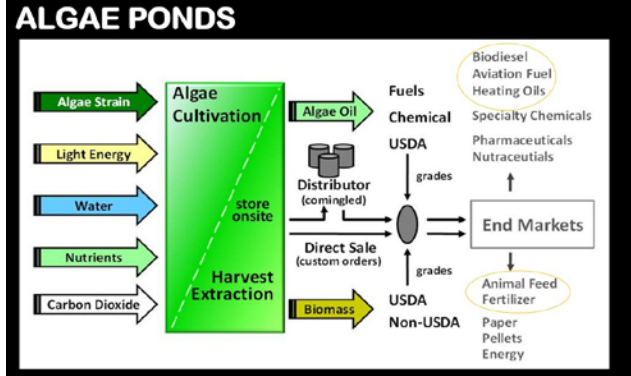
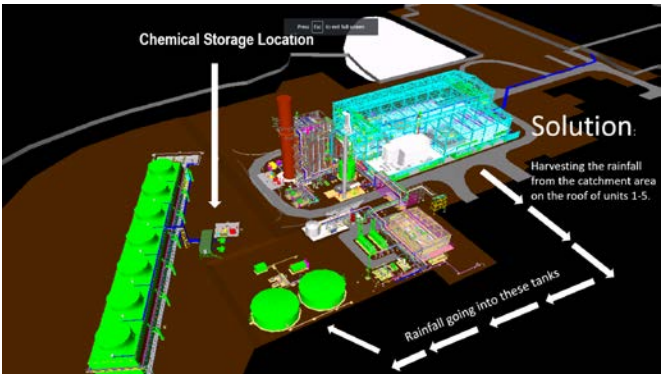
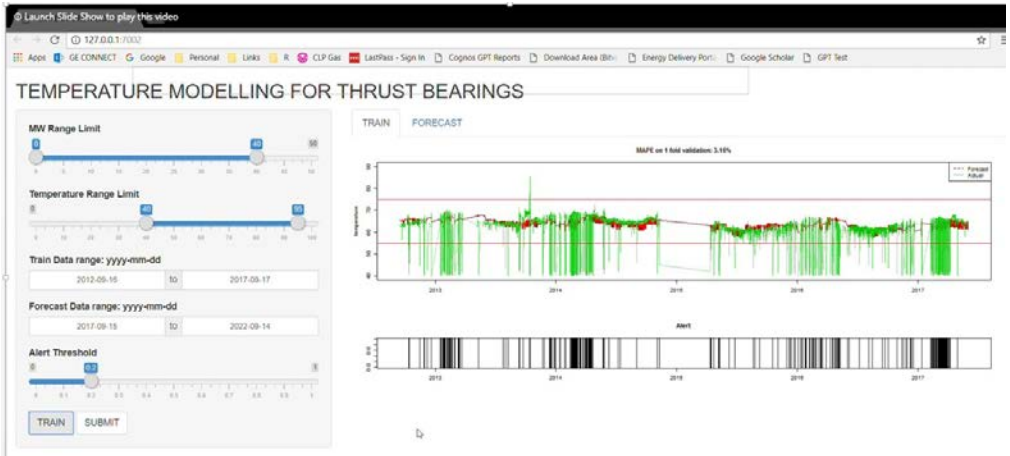


**genesis generation asset search**

Equipment: GENERATOR GAS COOLING SYSTEM  
 KKS code: 05MKG01  
 Updated: 18/03/2012 11:18:29 a.m.

We've found 17 related documents

Drawing Management System	InfoHub	Maximo	Eclipse
<ul style="list-style-type: none"> <li>Mechanical Drawings</li> <li>Electrical Drawings</li> <li>Control Drawings</li> </ul>	<ul style="list-style-type: none"> <li>CMS</li> <li>Shutdown Procedure</li> <li>Restart Procedure</li> <li>Operational Procedure</li> </ul>	<ul style="list-style-type: none"> <li>Work Orders</li> <li>Failure Reports</li> <li>Job Plan</li> <li>Job Safety Analysis</li> <li>Spares</li> <li>Defect/Maintenance</li> <li>Labour Cost</li> </ul>	<ul style="list-style-type: none"> <li>Access Permit</li> <li>Operating Orders</li> <li>Isolation Instructions</li> </ul>



# Outputs from the Event

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- It's a great way to engage people.
- It can generate a cultural shift
- And it actually generates tangible, great ideas, better than expected
- Formed a core part of our Digital Strategy
- Piloting the top 5 ideas based on benefits and ease of implementation (1 was also implemented on the day) out of the total 13 ideas.

# Final thoughts

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- Embrace the wisdom of crowds
- Is this crowd wise?

