



CDEM Resilience Fund project application form

This form provides the minimum of information for the application; a detailed project plan should be developed to inform this application and may be attached.

Project title		Tairawhiti Lifelines Regional Fuel and Generator Plan
Date of application		20 February 2017
Details on application		
Applicant		Tairawhiti CDEM Group
CDEM Group/s affected		Tairawhiti (Gisborne and East Coast)
Other local authorities, Groups or organisations supporting this proposal		Gisborne District Council. GDC Lifeline Group
Project description		
Executive Summary		
<p>Last year the Lifeline Vulnerability Study was published and the understanding around fuel and generators was limited.</p> <p>There is no regional fuel plan addressing critical fuel customers and what (private) bulk supplies may be available in an emergency or even what happens when access roads were closed for extended periods.</p> <p>Fuel for the Gisborne/East Coast region is delivered via road tankers <u>every three days</u> from Napier and Bay of Plenty- it is believed that there are approximately 34 truck deliveries per week.</p> <p>There is no public bulk storage in the Gisborne District apart from aviation fuel.</p> <p>These road links, SH 2 - Waioeka Gorge and Napier to Gisborne and the Tiniroto Road (Wairoa to Gisborne) have been known to be closed by slips caused by heavy rain and earthquakes and even from snow on the higher parts of the roads.</p> <p>Closure can be days or even months (Waioeka Gorge closed for 6 weeks in 2012). There have been some instances where both access routes were closed with SH35 - a 6-7 hour drive from Opotiki being the only access route and this route is also vulnerable to closure.</p> <p>One of the public outcomes from this Plan would be developing key messages required during a response.</p>		
Challenge/Opportunity		
<p>It is recognised that all the area's fuel comes via vulnerable access roads and there is no (public) bulk storage in the Gisborne region. At any one time there is only a maximum of three days' supply.</p> <p>We are also aware that there are some private supplies that we may be able to use but do not know how much and where these bulk supplies are located and what quantities.</p> <p>The interdependency of fuel on the other lifeline groups and the emergency services has a huge impact but is not fully understood e.g Eastland Network has generators in most of the smaller townships but no bulk supplies to operate these. Fuel comes from Gisborne and if this supply is not able to get through what other options are there.</p> <p>Having a relationship with and understanding of our fuel suppliers, their customers and what private supplies are available means that we can draw up plans for prioritising the use of fuel, looking at rationing and educating the public</p> <p>A fuel and generator plan would provide a transparent methodology for prioritising fuel users during emergency events.</p> <p>We know which outlets are able to supply fuel in a power outage – both are wired for generators but do not have generators on site.</p> <p>Exercise Tangaroa 2016 highlighted the need for an updated fuel plan for the region.</p> <p>In December 2016 power was lost for around 36 hours. Fortunately all state highways were open and generators were sourced from out of town and fuel trucks were able to keep generators and fuel stations supplied</p>		

Alignment with identified goals and objectives and actions identified in the CDEM sector

The application aligns with National CDEM Strategy Goal 3 – Enhancing New Zealand’s capability to manage civil defence emergencies

- 3A Enhancing the ability of emergencies services to prepare for and manager civil defence emergencies
- 3B Enhancing the ability of CDEM Groups to prepare for and manage civil defence emergencies
- 3D Enhancing the ability if lifeline utilities to prepare for and manage civil defence emergencies

The Objectives in the Tairawhiti CDEM group Plan 2016-2021

- 2C Increase awareness of the hazards that affect the district and their impacts.
- 2D Increase social media
- 3A To ensure response planning and procedures are implemented appropriately to provide an effective and co-ordinated response to an emergency or adverse event
- 3C Agencies working together while working within their legislative requirements

The actions in the Lifeline Utilities Vulnerability Study October 2017

- Create a fuel and mobile portable generator plan
- Create response plans and or mitigations plans for the top five vulnerable hot spots
- Investigate the effects of power outages and interdependencies – generators and fuel.

National CDEM Fuel Plan S4 35-47, S5 50,

Dissemination of benefits to sector

A fuel and generator plan will ensure that we have up to date information as recommended by the National CDEM Fuel Plan and the GDC Lifeline Utilities Vulnerability Study.

This Plan would be available to all the stakeholders who were involved in putting together this plan and we would encourage them to put this information into their business continuity plans.

Identification of priority users and agreeing with a coordinated response would be one of the benefits of these plans.

Coastal townships have Health Centres and vulnerable people that rely on power for survival (kidney dialysis) however while Eastland Network has generators in the smaller townships – the supply of fuel is a concern and identifying what fuel is available in the area would be a great help for these smaller communities and also for the CDEM Group during a response.

We would look at having MOUs or MOUAs with the outlets and private storage companies and agree on the priority use of the fuel e.g one outlet for emergency services and priority users.


We would also look at developing key messages for the public around the use of fuel during a response e.g limiting use and rationing. These messages would be developed with input from the key stakeholders. While they would be used during an event we might use these in the Readiness phase as well so rationing does not come as a surprise to the Public.

Project design

Project manager	W Louise Bennett – CDEM Group Manager
Other project members	Neville West – Lifelines Coordinator Sheridan Gundry – PIM Manager (private contractor)
External providers/contractors	Richard Mowll (Lifelines Vulnerability Study Author)

Deliverables

Milestones	Date for completion	Cost
Engage a contractor to complete the Plan	5 August 2018	\$25,000 (remuneration, travel and accommodation) and developing public messages
Engage with key stakeholders and CDEM team (incl PIM)	August-November 2018	
Complete the Plan	November 2018 - February 2019	
Present to Lifelines Group and CEG	April 2019	
Write the key public messages	May and June 2019	

Identified risks	
Risks	Suggested management
Cost over runs occur	Tairawhiti CDEM will cover the extra costs
Time taken exceeds time allowed	CDEM will finish the project the following year and cover the costs
Fuel sector does not want to participate in the process	CDEM have good relationships with most of the suppliers
Funding request and use	
CDEM resilience fund contribution	\$25,000
Local authority/organisation contribution	Tairawhiti CDEM to provide staff support for contacting local and outside stakeholders, printing and publishing, administrative and project management.
Other sources of funding or support	
Indicative Budget for Project	
Contractor	\$20,000.00
Travel- 5 flights to Gisborne \$500 return	\$ 2,500.00
Accommodation 5 nights at \$200 per night	\$ 1,000.00
PIM (GDC Contractor)	\$ 1,500.00
Applies if application exceeds \$100,000 over the life of the project	Do you wish to attend a hearing in support of this application? Yes <input type="checkbox"/> No <input type="checkbox"/>
Application confirmation	
Approval of Chief Executive	
CDEM Group comment	
Comment	
I endorse this application by the Tairawhiti Group and Lifelines.	

