

National Carbon Offset Standard for Events
Carbon Neutral Program
Pre-Event Public Disclosure Summary



An Australian Government Initiative

RESPONSIBLE ENTITY NAME: Georges River Council

EVENT NAME: Australia Day Festival


EVENT DATE: 26 January 2020

EVENT TYPE: Small event



Declaration

To the best of my knowledge, the information provided in this Public Disclosure Summary is true and correct and meets the requirements of the *National Carbon Offset Standard for Events*.

 Signature	19/12/19
Daniela Ramirez	
Senior Sustainability Officer	



Australian Government

Department of the Environment and Energy

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1. Carbon neutral information

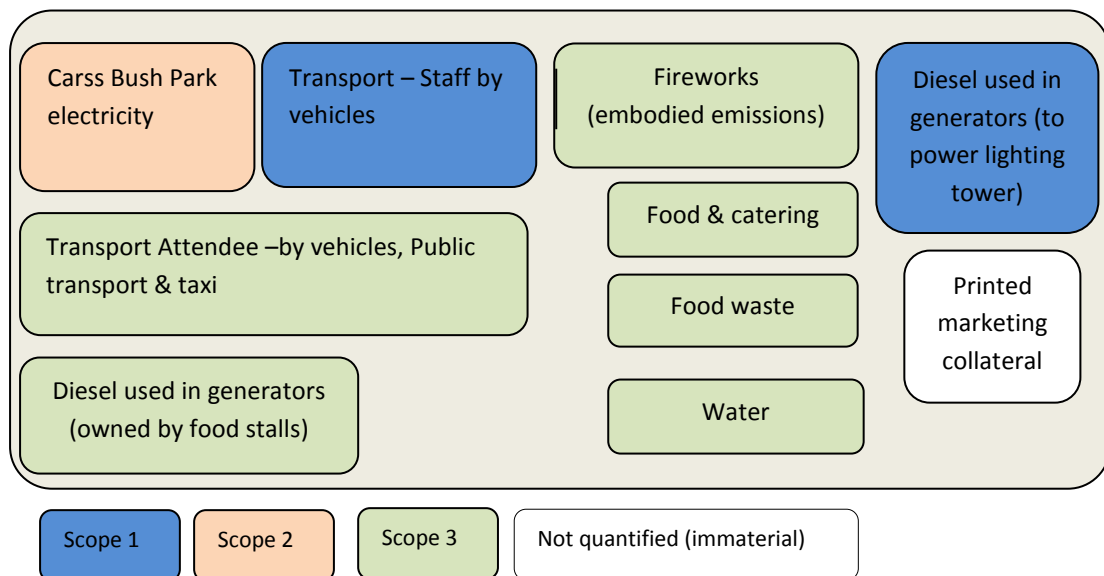
This carbon account has been prepared based on the *National Carbon Offset Standard for Events*. As a small event the carbon inventory has been prepared using the standard Event calculator prepared by the National Carbon Offset Standard.

1A. Introduction

The Georges River Council Australia Day Festival is widely regarded as one of the best Australia Day events in Sydney and has been a tradition for many local families and visitors to the Georges River area for over 25 years.

Activities identified as being relevant or the under the operational control of Georges River Council occurring as a consequence of the event have been included in the event emissions boundary. This cover electricity used for stage light and sound, air conditioning for the St Johns' tent, fireworks, transport of attendees, diesel used in generators, food waste and embodied emissions from Food stalls, (as described in the following Diagram).

1B. Diagram of the certification boundary



2. Emissions reduction measures

Georges River Council would like to promote Renewable energy used at our facilities. For this event, Council will be using the electricity generated by a solar panel located within the park facilities. Council expect to track the consumption of the event for better accuracy (kWh, access data from Sunny Portal) and identify if the generation is less than the consumption for that particular facility, as this could potentially be an option to assess batteries to store energy for future events held on this location.

Council has rented out 8 porta-loos with Solar panels included, in order to reduce electricity consumption. For future events, we will look to increase this number.

Council has also included in the Terms & Conditions of the food stalls a clause that suggests using bio-fuels in generators. Where possible, we will be looking to promote the use of bio-diesel in generators.

Terms & Conditions also include a clause to ban single use plastic bags, balloons and straws. Council has secured a water refill station that will decrease the number of single used plastic bottles generated in the event.

Events team has also increased the use of digital promotion and marketing for this event, avoiding the use of paper for promotion.

3. Emissions summary

Table 3: Emissions Summary	
Emission Category	tCO₂e
Local transport (attendees by vehicles, public transport, taxi)	11.05
Food (by expenditure)	21.02
Water	0.34
General waste	40.9
Electricity	0.12
Total tCO₂e	73.42
Uplift factor (as tCO ₂ e) Firework embodied emissions	3.35
Uplift factor (as tCO ₂ e) Diesel used in generators	0.03
Total tCO₂e + uplift factor	76.8
Please indicate what this uplift factor covers:	
<ul style="list-style-type: none"> • Firework embodied emissions • Diesel used in generators 	

4. Eligible offset units

4A. Offsets summary

Table 4. Offsets Summary						
Projects supported by offset purchase	Eligible offset units	Registry	Cancellation date	Serial numbers (including hyperlink to registry transaction record)	Vintage	Quantity
Natural Gas based grid connected power project at Peddapuram, A.P. by Gautami Power Limited	CERs	CDM Registry	18/12/2019	Start serial number: IN52521265272204828 End serial number: IN52521266032204828 https://offset.climateneutralnow.org/vchi/story/Details/12564	2013	77
Total offsets cancelled						77

4B. Offset projects (Co-benefits)

The project activity is a 469 MW Natural Gas fired, gas turbine based combined-cycle power plant. The project activity has been installed by GVK Gautami Power Ltd. (GPL) at Industrial Development Area, Peddapuram, near Samalkot in East Godavari district, Andhra Pradesh, India.

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The project activity is less emission intensive compared with the common coal-based power and average fuel mix in the grid. Thus, the project activity aims at reducing GHG emissions by use of a relatively lesser GHG intensive fuel, i.e. natural gas.

Social well-being:

- Industry – the proposed project is with an investment of 14.5 billion and will have a significant positive impact on the industrial growth in the region as well as in the country
- Infrastructure – the region around the proposed project site does not have very good infrastructural facilities. Near the project site, the facilities for public transport, water supply, telecommunication, education, public health etc. are inadequate. With the setting up of major industry like this, the region will naturally help directly and indirectly in the development of civil Infrastructure
- Employment – the proposed project activity has provided direct employment to about 525 persons during the construction and 140 during the normal operation. In addition, it is expected that up to 30 persons will be directly benefited through casual work, subcontracts, trading etc.
- The PP has also committed to utilize 2% of the CDM revenue towards socio-economic development (as per the plan given to NCDMA)

Environmental well-being:

- The electricity generated by project activity will be supplied to Southern grid, which otherwise would have been generated by fossil fuels. Hence, the project activity will help in reduction of the greenhouse gases emission and other air pollutants (especially NO_x and SO₂)
- The project activity helps in conservation of coal which at present are predominantly used for power generation.

Economic well being

- This project will demonstrate the use of new financial mechanism (CDM) in raising finance for power generation from relatively cleaner fuel in coal dominated economy.

Technological well being

- The project uses the best available technology in the form of combined cycle

- The space requirement per MW capacity is lower compared to the conventional coal fired power Plants.

5. Use of certification trade mark

Table 5. Trade mark register	
Where used	Logo type
https://www.georgesriver.nsw.gov.au/Community/Events/Council-Events/Australia-Day-Festival-Awards	Certified event
Social media promotion (Facebook, LinkedIn)	Certified event