

LEICHHARDT COUNCIL

CLIMATE CHANGE TASKFORCE

COMMUNITY STRATEGY

Minutes of the Climate Change Taskforce – Community Strategy of Leichhardt Municipal Council held in the Supper Room on 4 November 2009, 7 – 8pm.

Present at the commencement of the meeting: Community: Richard Dudley-Smith, Lea Richards, Larry Delaney (Balmain/Rozelle Community Bank), Jenny Curtis (Climate Change Balmain/Rozelle), Georgette Chedra, Paul Geraghty.

Visitors: Nik Midlam (City of Sydney Council)

Guest Speaker: Ben Van Der Wijngaart, Deputy Mayor, Kiama Council

Councillors: Daniel Kogoy (Chair)

Staff Present: David Eckstein, David Marshall.

Meeting Commenced: 7:10pm

ACKNOWLEDGEMENT OF COUNTRY:

I acknowledge the Gadigal and Wangal people of the Eora nation on whose Country we are meeting today, and their elders past and present.

Cr Daniel Kogoy performed acknowledgement of country in the capacity as chair.

BUSINESS

ITEM 1

APOLOGIES

Recommendation

That apologies be accepted for the non attendance of Cr Rochelle Porteous, Cr Gordon Weiss, Lyn Gerathy, David Parsell, Peter Conroy and Gill Dawson.

ITEM 2

MINUTES FROM PREVIOUS MEETING: 2 SEPTEMBER 2009

Recommendation

That the minutes of the Climate Change Taskforce – Community Strategy meeting held on 2 September 2009 be accepted.

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ITEM 3 BUSINESS ARISING

Paul Geraghty expressed concern that the previous meeting's speaker, Andrew Randall from Jack Green Energy, expressed the view that individual small-scale photovoltaic systems on dwellings was not as effective way to address climate change as other mechanisms.

ITEM 4 SCHOOLS GREENHOUSE TRACKING AND ABATEMENT PROGRAM UPDATE

David Eckstein, Team Leader Environment Strategy, advised the committee that good progress was being made with the schools Greenhouse Gas Tracking and Abatement program. Energy and greenhouse gas emissions data has been obtained from several schools and entered into the CCAP website, with graphical displays of emissions over time now being available. PowerPoint slides were presented to demonstrate the web interface – see Attachment 1.

Additional schools are being recruited to the program and audits of school premises are scheduled to commence in November 2009.

ITEM 5 GUEST SPEAKER – CR BEN VAN DER WIJNGAART, KIAMA COUNCIL

Councillor Ben Van Der Wijngaart gave a comprehensive presentation covering Kiama Council and the South Coast Council's group's investigation of the potential for community-owned commercial scale wind turbines.

Content included the following points:

- Generation from a single turbine depends on the size of the turbine and the wind regime (e.g Hepburn community wind project will generate about 12,000 megawatt hours per year from two 2 megawatt wind turbines).
- Wind turbines have several return on investment outcomes including
 - Substantial income generated from sale of electricity generated – when community-owned this income could be reinvested in local community programs
 - Income to landowners for lease of site for turbines (estimate \$5000-\$10,000 p.a. to individual land owner)
 - Tourism – proven examples exist where wind farms attract visitors, which boosts the local economy
 - Local employment
- Cost per turbine ranges from typically \$2 million to \$6 million – where multiple turbines are installed at one location cost per turbine decreases
- Wind strengths of 7 metres per second required for effective operation of turbines – ideally; consistent winds of 8 m. per second or greater

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- Concept study for south coast proposal has been undertaken
- Funding now being sought (in part from State government) for pre-feasibility study (estimated cost: \$0.75 million to \$1 million)
- Quality wind-strength mapping is relatively costly – hence cost of pre-feasibility studies
- This would be followed by a full feasibility study focussing one or more specific sites (covers funding, planning needs, tower design, DA application ...)
- The objective: to get a 6 to 10 turbine facility up and running on the NSW south coast within 3-4 years
- Micro turbines for urban areas face some logistic challenges (noise, inconsistent wind-strengths in urban settings)
- A 10 kw turbine (i.e. a small turbine – not a ‘commercial scale’ product – but could produce enough electricity to power the farm property) has been established at Gerringong – (Rewind Energy) – height: 10 metres – but currently experiencing technical difficulties.
- Mosman Council and Bega Shire Council are developing an urban-rural collaboration around renewable energy – Clean Energy for Eternity (see: <http://www.mosman.nsw.gov.au/events/710/CEFE>)
- North Sydney Council together with the Nature Conservation Council (NCC) have worked on a group household climate change project - Community Climate Challenge
(see: http://nccnsw.org.au/index.php?option=com_content&task=view&id=2177&Itemid=956#2)

Recommendations

1. That Council consider the potential for Rural-Urban partnership actions to address climate change and follow the progress of the Southern Council Group's community owned wind farm project.
2. That the Climate Change Taskforce – Community Session be advised about the Mosman – Bega Valley Shire urban-regional partnership (Clean Energy for Eternity) at the March 2010 CCTF meeting.

ITEM 6 NEXT MEETING

The next meeting of the Climate Change Taskforce-Community Strategy will be held on Wednesday, 3 March 2010.

Meeting closed at 8.40 pm

Attachment 1 to Climate Change Taskforce
Meeting – Community Session 04 Nov 2009

Climate Change Taskforce



Community Session

November 4 2009

Leichhardt Schools Greenhouse Gas Tracking
and Abatement Program - Update





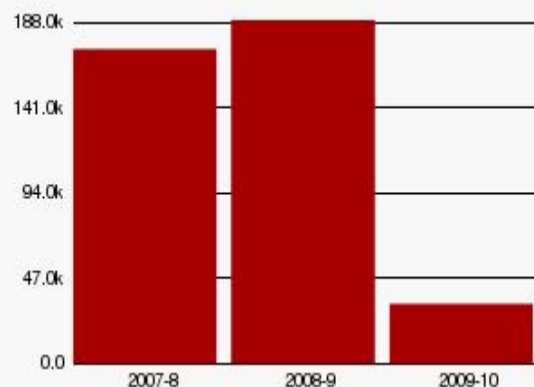
Rozelle Public School

Year on Year

Kilograms of CO₂

Greenhouse Gas Emissions for Rozelle Public School at 04 November 2009, 03:10PM

2009-10	33,090
2008-9	189,419
2007-8	173,387



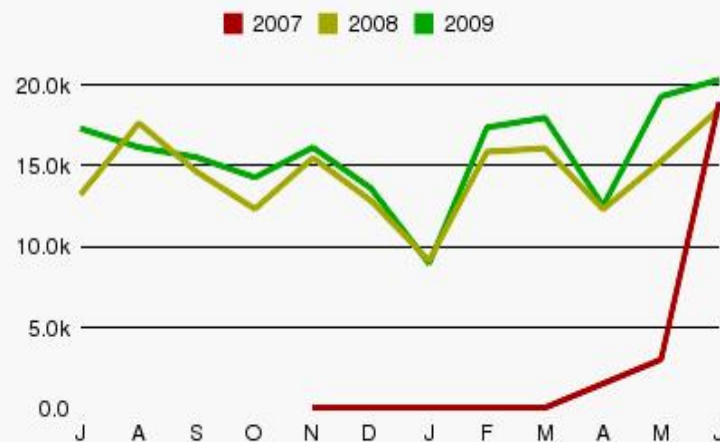
Total Intensity per m²

Kilograms of CO₂

Total Month on Month

Kilograms of CO₂

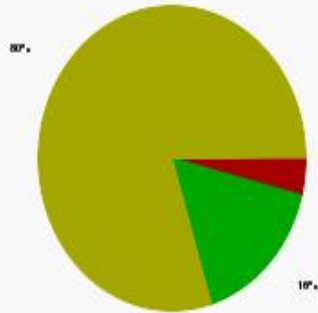
2004-08-26 to 2009-08-01





Greenhouse Gas Emissions by Scope

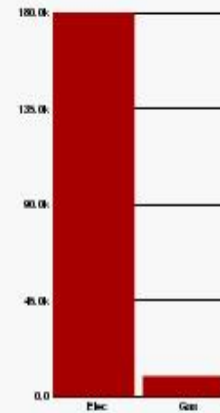
Kilograms of CO₂



Scope 1	7,308	3.9%
Scope 2	151,135	79.8%
Scope 3	30,975	16.4%

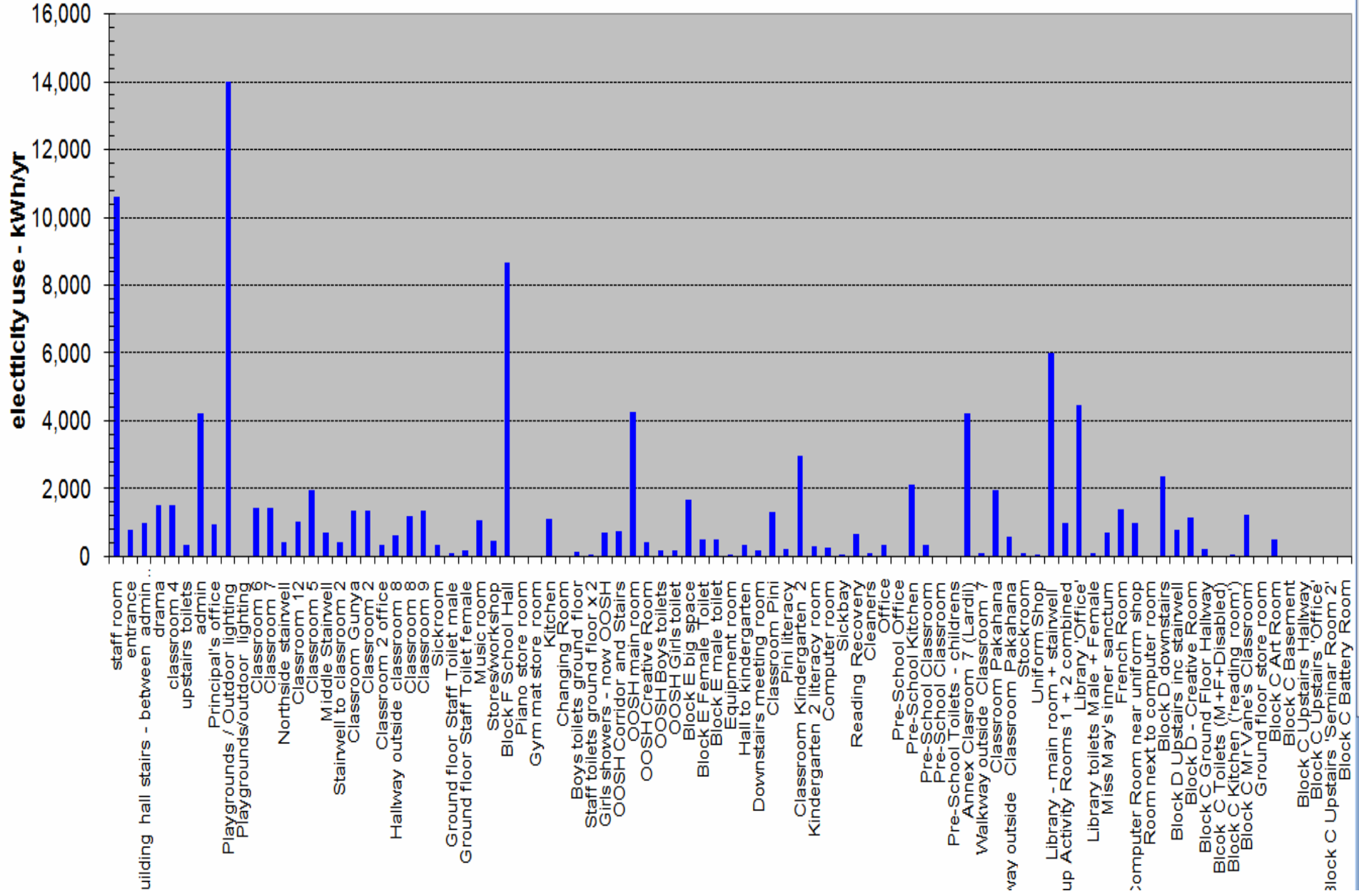
Greenhouse Gas Emissions by Utility

Kilograms of CO₂



Electricity	180,004
Gas	9,415

Annual Electricity Consumption



Annual Electricity Consumption

