SIMPLE SOLUTIONS TO SOLVING SYDNEY'S WATER PROBLEMS

Capture and Recycle – some ideas from Chris

- Subsidise rainwater tanks. If 50,000 households each installed a 10,000 litre rainwater tank we would collect 500 million litres of water. Multiply that by 5 times a year and we save 2.5 billion litres of water.
- Collect water off Sydney bridges and roads. In one year we would collect 60 million litres off the Anzac bridge alone – enough water to flush the toilets of Pyrmont for a year and have 30 million litres left over.
- Build water storage areas in apartment buildings and council carparks.
- Create roof gardens on council and government carparks and commercial and residential high rise buildings to collect water and grow food.
- Recycle grey water, storm water & sewerage.

Water falling on rooftop gardens goes to grow food for the community.

This is what the 60 million litres of untreated water that falls off the Anzac bridge into the harbour every year would look like if it fell in one day.

1 square metre of road, roof, bridge, park, tram line harvests 1100 litres of water a year. For example, the Anzac Bridge:

24,000m^2 x 1100litres = 26.4 million litres

+ freeway approaches = 40 million litres

Total 60 million litres of water saved in a year

BRING THE MAJOR PARTIES TO HEEL

VOTE 1 CHRIS HARRIS

PUT A STOP TO CORPORATE POLITICAL DONATIONS

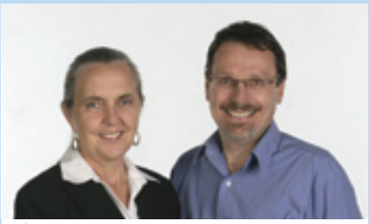
Corporate donations influence government decisions in a way that you can't. The Greens do not take political donations from corporations. That's why you're reading this brochure rather than watching an expensive television commercial.

For all the information what and how much corporations donate to the major parties go to **www.democracy4sale.org**

For a full listing of individuals who have donated to Chris Harris' campaign go to **www.chrisharris.org.au**

PUT GREEN WATCHDOGS IN THE UPPER HOUSE

Vote 1 the Greens in the NSW Upper House



Greens Upper House candidates Lee Rhiannon, MLC and John Kaye, climate change expert and activist.

For the past four years, three Greens MPs have used the NSW Upper House to hold the government to account, expose dodgy deals and protect the public interest.

Lee Rhiannon, Ian Cohen and Sylvia Hale worked with the community to uncover the Cross City Tunnel fiasco, keep Snowy Hydro publicly owned and control climate change with clean energy solutions and public transport.

Imagine what more Greens MPs could do with your help:

- a jobs rich, clean energy future to stop dangerous climate change
- defend rights at work
- quality public services
- wiser use of water and recycling
- protect native forests
- save neighbourhoods from overdevelopment
- protect rights of Aboriginal people
- stop further privatisation

www.nsw.greens.org.au

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WE CAN HAVE A SOLAR SYDNEY BY 2010

READ ON TO FIND OUT HOW

THE TRUTH THE GREEN WATCHDOG DUG UP

- We've had a mini solar power station producing solar thermalpower since 2003.
- California is about to use this Australian technology to build its own solar thermal power station that is 45 times bigger.
- This proven technology can be expanded to power Sydney now – and eventually the whole of Australia.
- Power from a solar thermal power station feeds straight into the electricity grid and into your home.
- Spain, Germany and the USA already have solar thermal power stations.

For all the details go to www.chrisharris.org.au

Chris Harris, B.Com, B.Laws UNSW Greens candidate for Sydney & Deputy Lord Mayor. Chippendale resident.

CHRIS HAS A PROVEN SOLUTION TO DRAMATICALLY REDUCE GREENHOUSE GAS EMISSIONS

Build a solar thermal power station in 3 years

Deputy Lord Mayor and Greens candidate for Sydney, Chris Harris is working with a team of experts to put together a project to build Sydney's first solar thermal power station.

"The technology used at the Liddell mini solar power station at Muswellbrook, NSW proves that solar power can be an important part of powering the whole of Sydney and Australia. Did our politicians tell you this? No they're all coal and nuclear talk. Meanwhile, because of a lack of government support, those with the expertise are taking their knowledge overseas while Sydney is left to suffer.

"We have the technology, the know-how, the land and the sun for Sydney to be a solar city. Elect me as the Member for Sydney and I will add the political will to have a Solar Sydney by 2010."

For all the details go to www.chrisharris.org.au

WHAT GREENS CHRIS HARRIS SEES FOR SYDNEY: POWER THAT PROTECTS NOT POLLUTES THE PLACE WHERE YOU LIVE

Foreground: Liddell solar power station. Background: Liddell coal-fired power station. Solar thermal power is created using mirrors to concentrate the sun on water in a pipe; steam is created within ten minutes to a temperature of 285 degrees, sufficient to run turbines to make electricity.

The Liddell mini solar power station has been producing solar thermal power for over three years. This proven technology can be expanded to provide solar energy for Sydney by 2010, creating an environmentally and economically healthy city.

"Today, atmospheric CO2 stands at 380 parts per million by volume (ppm), a higher level than at any time since the Eocene era (35 to 55 million years ago). According to the modellers, stabilising at 400ppm yields a three-to-one chance that global temperature increases would level off on this side of 2°C, saving us from calamitous rates of sea-level rise and a mass extinction that would otherwise wipe out more than half of life on earth.

But this 400ppm target means that only 80 billion tonnes more carbon can be emitted by humanity over the next few decades. This figure is non-negotiable: you can't bargain with the atmosphere."

NewStatesman Oct. 2006

WITH 100% RENEWABLE ENERGY

You can still use your kettle, your dishwasher, your washing machine, your television and your computer. It's not the appliances that are the problem. It's the energy source you use to power them.

Additionally, by introducing energy efficiencies into your home or business, energy use can be cut by over 20% quickly and economically.

For the full details go to www.chrisharris.org.au.

MORE JOBS, A HEALTHY CITY, STOP THE DAMAGE TO OUR ENVIRONMENT FROM COAL FIRED POWER

As the Member for Sydney, Chris Harris will:

- Pressure the state government to invest in solar and renewable technologies.
- Organise a consortium to build the country's first solar thermal power station utilising thermal storage that will supply 100% green power to Sydney's electricity grid to meet base load.
- Along with other Greens MPs introduce legislation to make clean power more profitable than dirty power.
- Promote priority employment and retraining to retrenched coal industry workers.

Chris will legislate to:

- Immediately introduce a carbon tax on electricity generated by fossil fuels – gas and coal.
- Ensure home owners and business owners who install clean power (eg solar panels) are paid more for the clean energy they sell back to the grid than they pay for the dirty coal power they use.
- Make dirty coal power the same price as the existing clean Green power options being offered by the energy retailers.
- Ensure that 20% of the state's power needs come from renewable technology by 2012. We must do this to have any chance of stabilising CO2 in the atmosphere at 400ppm and give us a chance to survive.

HOW SOLAR STACKS UP AGAINST THE CLIMATE KILLERS

(for a 240MW power station supplying base load)

Liddell solar thermal power station

	POWER STATION SET UP	ONGOING COSTS	GREENHOUSE EMISSIONS	RESERVES
SOLAR THERMAL	$750 million 3 years to build	sunlight is free	zero	As long as the sun lasts. Surplus energy made from the heat of the sun is stored over night and for overcast days.
NUCLEAR	$750 million and huge subsidies 15-25 years to build	digging, extracting, refining, transporting, health & safety risks, security & policing	yes	If the world went nuclear we'd have 4 years of high grade reserves. It's not renewable.
COAL	$ 750 million 6-8 years to build	digging, extracting, refining, transporting, health & safety risks, security & policing	huge	There's plenty, but it's killing the planet.

WHERE WE'D BUILD A SOLAR POWER STATION

Chris has already identified suitable land at Moree & Cobar.

Why there?

- 40% more sun than Sydney.
- Moree and Cobar have about 40,000 sq km of suitable land available.
- We would only need 27-30 sq km of land to build a solar thermal station to power the seat of Sydney.

How much will it cost?

- **Set up costs:** similar to a coal fired power station.
- **Running costs:** no more than coal fired power and we don't have extraction, refining, or transport costs – sunlight is free – so long-term cheaper than coal.
- **Green house emissions:** zero.
- **Jobs:** It's a new industry with great export potential therefore new jobs – the Greens will promote priority employment to retrenched coal industry workers.

near Moree

CHECK OUT WHERE OUR POLLIES REALLY STAND ON CLIMATE CHANGE

Clover Moore (MP for Bligh now Sydney)
Supports turning the CBD's lights off for an hour.

LIB/LAB – Supports unproven 'clean' coal technology & new coal mines. Burning coal is the major cause of climate change.

FED LIBS – Want to go nuclear. There's no solution for dangerous waste storage, a power station will take over a decade to build. Makes nuclear weapons. Makes us a terrorist target.

GREENS Chris Harris - A solar Sydney

- solar technology doesn't put one puff of greenhouse gas into the atmosphere
- feeds into the existing electricity grid
- provides new jobs
- creates export income
- arrests climate change

Chris was responsible for the City of Sydney Council's decision to change to 100% clean green energy.

ONLY THE GREEN WATCHDOG WILL DELIVER THE POWER THAT PROTECTS THE PLACE WHERE YOU LIVE

THE GREENS

For details go to www.chrisharris.org.au