



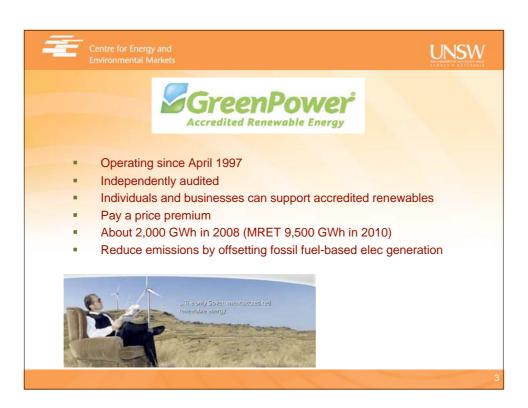
IT Power

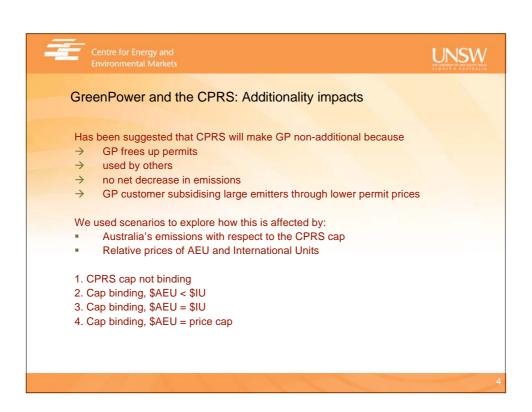
- Established in the UK 1981
- Specialist renewable energy, energy efficiency and carbon markets consultancy:
- > 1000 sustainable energy projects in over 100 countries
- IT Power UK (3 offices)
 - Argentina, China, Fiji, India, Kenya, Uganda
- IT Power Australia Canberra
 - established 2003
 - staff located in other States
 - ITP (Aust) staff have backgrounds in managing government incentive programs, high level policy analysis and research (incl. carbon markets), engineering (system) design and project management.





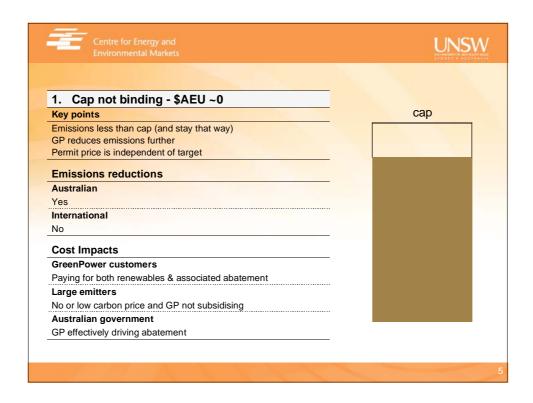


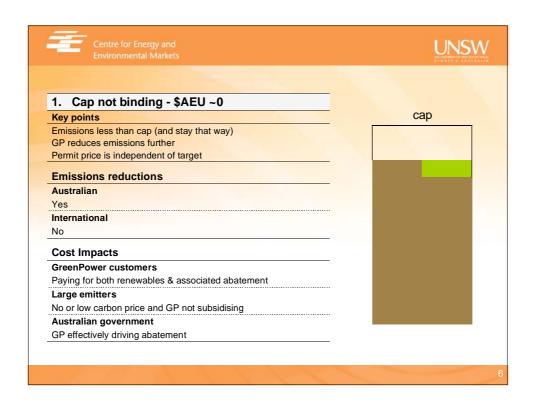






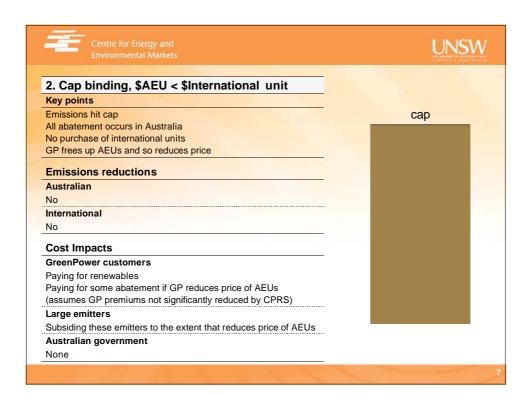


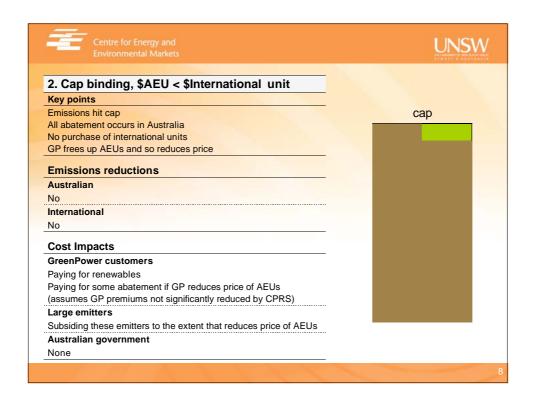






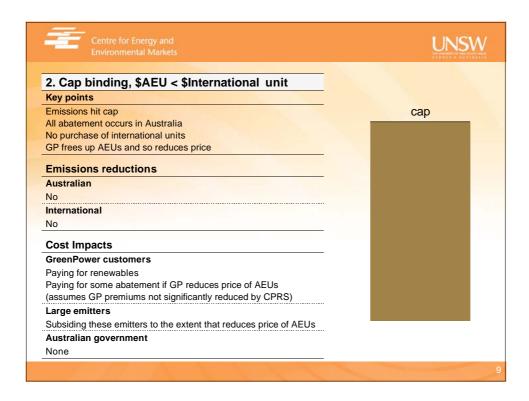


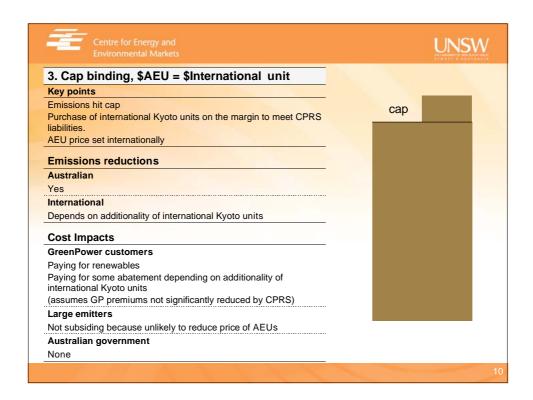






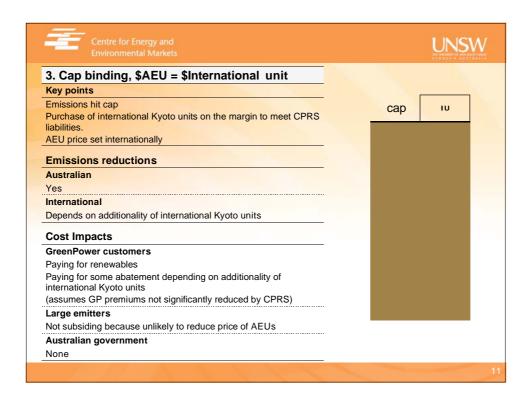


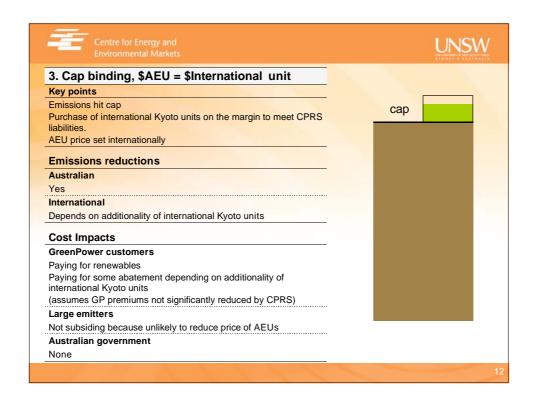








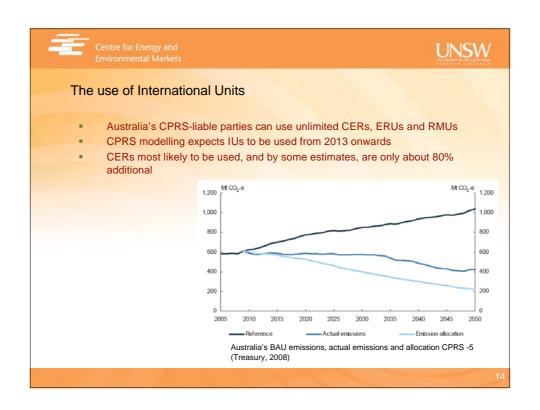






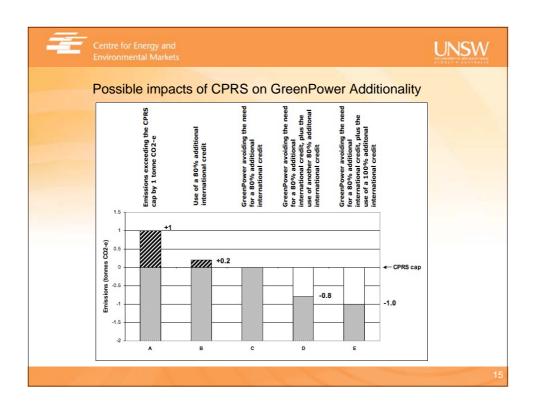


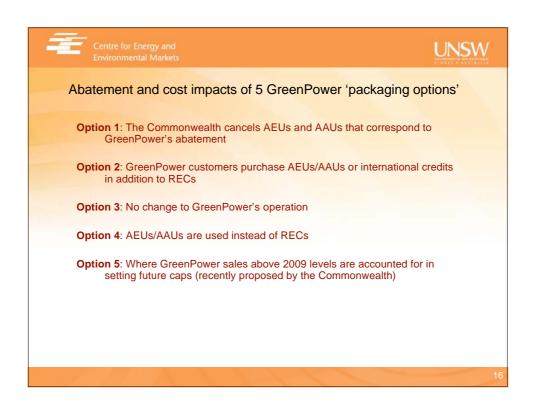
Centre for Energy an Environmental Mark			UN ne constant o 17 d n x 7 ·
Cap not binding - \$AEU ~0	Cap binding, \$AEU < \$International unit	Cap binding, \$AEU = \$International unit	Cap binding, \$AEU = price
Key points			
Emissions less than cap (and stay that way) GP reduces emissions further Permit price independent of target	Emissions hit cap All abatement occurs in Australia No purchase of international units GP frees up AEUs and so reduces price	Emissions hit cap Purchase of international Kyoto units on the margin to meet CPRS liabilities. AEU price set internationally	Emissions hit cap Australian government issues permits at a fixed price and purchases Kyoto units required to meet international obligations, covering the cost difference
Emissions reductions	roduced price		
Australian			
Yes	No	Yes	Yes
International			
No	No	Depends on additionality of international Kyoto units	As for adjacent column
Cost Impacts			
GreenPower customers			
Paying for both renewables & associated abatement	Paying for renewables, Paying for some abatement if GP reduces price of AEUs (assumes GP premiums not significantly reduced by CPRS)	Paying for renewables Paying for some abatement depending on additionality of international Kyoto units (assumes GP premiums not significantly reduced by CPRS)	As for adjacent column
Large emitters			
No or low carbon price and GP not subsidising	Subsiding these emitters to the extent that reduces price of AEUs	Not subsiding because doesn't reduce price of AEUs	As for adjacent column
Australian government			
GP effectively driving abatement	None	None	GP effectively subsiding Govt b/c will have to buy fewer international Kyoto units















Centre for Energy and Environmental Markets	15
Impacts of Commonwealth to 2009 GP baseline (no intervention by	
Cap binding, \$AEU < \$International unit	Cap binding, \$AEU = \$ International unit
Emissions reductions	
No domestic additionality as permits are freed up for other emitters. No purchase of international units and so no international impact.	Domestic additionality. Reduced purchase of international units and so GP additional globally to the extent that international units are not (Column C)
Cost Impacts	
GP buyers subsidising other emitters through reduced AEU	Not subsiding because GP unlikely to reduce price of AEUs.
prices. (assumes GP premiums not significantly reduced by CPRS	(assumes GP premiums not significantly reduced by CPRS)
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(assumes GP premiums not significantly reduced by CPRS ove 2009 GP baseline (targets reduced	in proportion to GP purchases)
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Centre for Energy and Environmental Markets	199
Impacts of Commonwealth to 2009 GP baseline (no intervention b	
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Emissions reductions	
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