

Boiler Upgrades - Northmore Gordon

Canonical: <https://northmoregordon.com/technologies/boiler-upgrades/>

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from the atmosphere. Avoided emissions covers activities that alter behaviour that would have otherwise caused emissions such as energy efficiency improvements or avoided deforestation. Removal covers activities that permanently remove CO₂ from the atmosphere such as new forestry plantations, soil carbon improvement or carbon capture and storage.

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Northmore Gordon Learn more about Northmore Gordon with the latest news and insights, were to find us, and the extensive terminology used in emissions reductions About Us Who we are & what we do in energy efficiency & decarbonization. Locations Find our offices near you. Contact Us Get in touch with our team. Careers Join our team making a sustainability difference Articles Learn about energy efficiency & carbon reduction. Latest News Stay informed on industry developments. Government Updates Track policy changes impacting your energy use. Accreditations See our certifications for trusted service. Glossary Define key terms in emissions reduction. Boiler Upgrades Substantially reduce your energy costs and achieve a much faster payback by upgrading your equipment Read our Boiler Case Study What we'll be covering Why Upgrade? Cut fuel costs with a high-efficiency boiler system Low maintenance, high efficiency Save on maintenance costs and reduce down time Reduce greenhouse gas emissions It's time to replace technology that is no longer reliable Right-sizing your boiler to meet the current demand For large boiler replacements or reductions in capacity, talk to us about maximising your funding with Measurement & Verification. Eligible Upgrades If you have Gas-fired Steam or Hot-Water Boiler you may be eligible for an upgrade. Full boiler replacement Install an Economiser Heat Recovery Replace an old burner Control system upgrades e.g. O₂ Trim, blowdown control What are the rebates worth? Here is an example of a boiler payback – Talk to us today to calculate your exact costs and savings. To get a more detailed understanding of payback call us to walk you through your options. Without Government Program and Tax Cut With Government Program and Tax Cut Boiler Cost = \$800,000 Boiler Cost = \$800,000 Annual Gas Savings = \$124,000 Annual Gas Savings = \$124,000 Energy Certificate Rebate = N/A Energy Certificate Rebate = \$110,000 Tax Depreciation (20yrs) = \$12,000 PA Immediate Tax Write off = \$240,000 Estimate of payback is 6.5 years Estimate of payback is 3.6 years Examples of how much you could get back Example Upgrades State + Method \$Value ** Upgrade an old 2MW Boiler with new boiler and economiser NSW & VIC Deemed \$25,000 7 MW Steam Boiler (> 20 years old) replaced with new 7 MW boiler > 80% efficiency with economiser and sensor blowdown. Estimated savings of 58,000 GJ A gigajoule (GJ) is the equivalent to 1 billion joules. A joule is a measure of the energy required to send an electrical current of one ampere through a resistance of one ohm for one second. One GJ is equal to 277.8 kilowatt hours (kWh), 1.055 million British thermal units (Btu) or 0.17 barrels of oil. over 10 years NSW Deemed \$125,000 Adding an Economiser to a 3 MW steam boiler NSW Deemed \$17,300 Upgrading the Burner in a 3 MW boiler (value maxes out at 3 MW) VIC Deemed \$11,000 2 x 400 kW Council Pool Water Boilers (1,900 MJ/hr gas) upgraded to high efficiency boilers. Estimated 4,000 GJ savings per annum. VIC M&V; \$55,000 New 2.95 MW Biomass Boiler replacement of old gas boiler, upgrade in a glasshouse with abatement of 2,300 tCO₂-e PA VIC M&V; ~\$450,000 ** Based on wholesale market certificate prices can vary substantially Talk to us about how you can further reduce your payback with the latest Tax Cuts . Request Call Back Applicable Building / Sites Commercial Buildings HVAC Heating, ventilation, and air conditioning is the technology of indoor and vehicular environmental comfort. Its goal is to provide thermal comfort and acceptable indoor air quality. Abattoir and Rendering Plants Food & Beverage Processing Milk & Dairy Production Process Chemical Manufacturing Textile & Clothing Manufacturing Glasshouses & Food Production Municipal Swimming

Pool Applicable States VIC, NSW (State Scheme) Other States (Federal CFI The Carbon Farming Initiative (CFI) is a voluntary carbon offsets scheme. It is an integral component of the Emissions Reduction Fund and allows land managers to earn carbon credits by changing land use or management practices to store carbon or reduce greenhouse gas emissions. /CSF) Key Person Hamish McGovern Group Managing Director Hamish is driven by innovation and a challenge. With over 5 years in energy efficiency and more than 20 years in IT, he has constantly searched and found new and better ways of doing things. Contact Hamish Related Links VIC – Victorian Energy Upgrade (VEU) Scheme NSW – Energy Savings Scheme (ESS) AUS – Federal Climate Solution Fund (CFI/CSF) Partner with us Frequently Asked Questions What type of grant am I eligible to get with a boiler upgrade? Depending on where your site is you can access one of the state or federal Energy Efficiency Certificate programs. How do I access the funding? Like all government programs there are specific evidence and audit requirements to access the funding. These include, photos, test reports, and sign offs. Talk to Northmore Gordon or your installer before your upgrade to make sure you meet all the requirements. How long does it take for the incentive to come through? Using one of the Deemed Methods, the incentive payment will take 1-2 month once the boiler is commissioned. Using an Measurement & Verification approach can give a greater incentive but you can expect payment 15 months after commissioning. Who can access the boiler rebates and incentives? All business and industrial customers are able to receive incentives under these schemes. Northmore Gordon can work with your installer to access the funding as part of the installation or we can work with you directly. How much I will get back? Contact us to get a free estimate of the upgrade value Am I eligible for a boiler upgrade? If you have Gas-fired Steam or Hot-Water Boiler you may be eligible for an upgrade Northmore Gordon partners with businesses involved in boiler upgrades who wish to access the energy efficiency incentives under the state-based schemes. Northmore Gordon partners with both energy efficiency installation companies, electricians, equipment suppliers and end businesses performing upgrades. Online Training Quoting Tools BCA Classification Quicklist Upgrade Manager Quicklist Last Updated: 04/26/23 Get in touch Australia 1300 854 561 (Advisory) 1300 878 500 (Certificates) Melbourne Suite 1, Level 4 607 Bourke Street Melbourne VIC 3000 Singapore +65 6690 2480 Singapore 1 Keong Saik Road, Singapore 089109 Stay up to date Alternatively, complete the form and we will be in touch with you. First Name Last Name Email Phone Number Country Australia Singapore Subject Message Send Services Energy Audit Services M&V; Services EEO Assessments Corporate Energy and Carbon Management Grants and Program Strategic Energy Sourcing Virtual Energy Manager Climate Active Certification Sectors Animal Processing Chemical Processing Commercial Buildings Food & Beverage Manufacturing Mining Oil & Gas Pharmaceutical & Health Products Public Sector Waste & Wastewater Wood, Paper & Cardboard Processing Upgrades Boiler Upgrades Commercial Lighting Hot Water Systems Mid Scale Solar NABERS Public Lighting Refrigerated Display Cabinets Solar PV Small Scale UPS Certificates Live Certificate Prices International Renewable Energy Certificates Tradable Instrument for Global Renewables Australian Carbon Credit Units Energy Savings Certificates Large-scale Generation Certificates Small-scale Technology Certificates Victorian Energy Efficiency Certificates Government Schemes Emissions Reduction Fund Energy Savings Scheme Renewable Energy Target Victorian Energy Upgrades Helpful Links About us Meet the Team Careers Contact us Articles News Glossary Privacy Policy Complaints