

The Hidden Cost of Compressed Air in Industrial Settings - Northmore Gordon

Canonical: <https://northmoregordon.com/articles/the-hidden-cost-of-compressed-air/>

Details:

The Hidden Cost of Compressed Air in Industrial Settings - Northmore Gordon Skip to content Live AU Certificate Prices Twitter LinkedIn-in Youtube Buy and Sell Global RECs Contact Search Carbon moREnewable100 (RECs & Offsets) Trade RECs & Carbon with us Climate Active Net Zero Roadmaps Carbon and Energy Strategy NGERS Reporting Carbon Health Check Grants and Programs Funding Energy Grants and Programs Funding Energy Audit & Assessments Energy Optimisation Compressed Air Services EEO Assessments (SG) Strategic Energy Sourcing Energy Procurement Virtual Environmental Manager Certificates Live Certificate Prices Funding Solar VEECs (VEU PBA) Measurement & Verification (VEU & ESS) ERF & Carbon Credit Registration Boiler Upgrades (VEU & ESS) Hot Water Systems (VEU & ESS) Deemed Certificates (VEU & ESS) moREnewable100 (RECs & Offsets) Trade RECs & Carbon with us Global Certificates Australian Programs Case Studies Articles Team More About Us Locations Contact Us Careers Articles Latest News Government Updates Accreditations Glossary Carbon moREnewable100 (RECs & Offsets) Trade RECs & Carbon with us Climate Active Net Zero Roadmaps Carbon and Energy Strategy NGERS Reporting Carbon Health Check Grants and Programs Funding Energy Grants and Programs Funding Energy Audit & Assessments Energy Optimisation Compressed Air Services EEO Assessments (SG) Strategic Energy Sourcing Energy Procurement Virtual Environmental Manager Certificates Live Certificate Prices Funding Solar VEECs (VEU PBA) Measurement & Verification (VEU & ESS) ERF & Carbon Credit Registration Boiler Upgrades (VEU & ESS) Hot Water Systems (VEU & ESS) Deemed Certificates (VEU & ESS) moREnewable100 (RECs & Offsets) Trade RECs & Carbon with us Global Certificates Australian Programs Case Studies Articles Team More About Us Locations Contact Us Careers Articles Latest News Government Updates Accreditations Glossary Carbon Close Carbon Open Carbon Carbon Our decarbonisation services help businesses transition to low-carbon operations and covers footprints, reporting, certificates, carbon solutions and net-zero Net-zero is a term meaning to get to zero emissions, there is no current standard on what getting to net-zero means. For governments a net-zero target is one that covers all scope 1 emissions in their jurisdiction. For business it usually covers scope 1 and 2 emissions, although some companies also include some scope 3 emissions. The Science Based Targets Initiative is currently working on a standard for companies. roadmaps, to reduce emissions moREnewable100 (RECs & Offsets) Reach Global Sustainability Goals with Renewable Energy Certificates and Carbon Offsets Trade RECs & Carbon with us Trade Local & International Environmental Attribute Certificates Climate Active Achieve Climate Active Carbon Neutral Certification Net Zero Roadmaps Identify opportunities and build achievable pathways Carbon and Energy Strategy Integrate your carbon and energy strategies NGERS Reporting National Greenhouse Emissions Reporting Grants and Programs Review the latest grants and programs Energy Close Energy Open Energy Energy We offers comprehensive energy services, focusing on efficiency improvements, cost reduction, monitoring, benchmarking and strategic sourcing for sustainable and positive environmental impacts Grants and Program Review the latest grants and programs Energy Audit & Assessments Identify cost and emissions reductions Energy Optimisation Metering & Monitoring, Feasibility Studies, EnMS and ISO50001, & Benchmarking Strategic Energy Sourcing Feasibility & Assessments: Renewables, PPAs or Certificates Compressed Air Services Air Compressor Leak Audits, Surveys and Benchmarking EEO Assessments (SG) Singapore Energy Efficiency Assessments Energy Procurement Navigate energy markets with confidence Virtual Environmental Manager Leverage our teams wide experience Certificates Close Certificates Open

Certificates Our Environmental Attribute Certificate services help businesses accelerate technology adoption, improve project ROI, and manage claims of renewable energy, energy efficiency and carbon offset 1 carbon offset = 1 tonne of CO₂-e avoided or removed 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.

certificates Live Certificate Prices The value of certificates change day-to-day, check today's prices Solar VEECs (VEU PBA) VEU PBA for Large-scale Solar Measurement & Verification (VEU & ESS) M&V; for Large C&I; Efficiency Projects (VEU PBA & ESS PIAM&V;) BESS Calculator Estimate the Peak Reduction Certificate revenue available to your NSW battery project in minutes ERF & Carbon Credit Registration ACCUs for Emission Reduction Projects Boiler Upgrades (VEU & ESS) NSW & VIC Boiler Rebates REC Registration (I-RECs & LGCs) Register renewable assets for I-RECs and LGCs Trade RECs & Carbon with us Trade Local & International Environmental Attribute Certificates moREnewable100 (RECs & Offsets) Reach Global Sustainability Goals with Certificates and Offsets Deemed Certificates (VEU & ESS) NSW & VIC Rebates Global Certificates Environmental Attribute Certificates Australian Programs Australian EAC Programs Case Studies Sectors Articles Team More Close More Open More 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. The Hidden Cost of Compressed Air in Industrial Settings Northmore Gordon June 5, 2025 Articles Share this article Compressed air systems are integral to various industrial processes, yet A2EP's research indicates that they can consume approximately 16% of a typical manufacturing site's electricity. Alarming, 80% to 90% of this energy is often wasted due to factors like leaks, overproduction, and outdated equipment. On May 20, 2025, the Australian Alliance for Energy Productivity (A2EP) hosted a pivotal webinar titled "Unlocking Compressed Air Efficiency for Serious Energy Savings Electricity or gas savings or both. ." This session illuminated the substantial energy-saving potential within compressed air systems, which, despite their ubiquity in manufacturing, often operate with significant inefficiencies. listen to the full webinar discussion here Insights from Industry Experts The webinar featured insights from leading professionals: Satinder Sahni , Group Senior Manager – Utilities at Asahi Beverages, shared strategies on how Asahi significantly reduced compressed air costs by minimizing air consumption in their processes. Murray Nottle , an air systems engineer from the Carnot Group, discussed the utilization of 'Power vs Flow' curves as a diagnostic tool to identify and prioritize areas for efficiency improvements. Craig Morgan , Group Sales Director at Northmore Gordon , presented findings from a measurement-based survey of 30 compressed air systems, revealing surprising inefficiencies and offering guidance on assessing system performance. A Call to Action for Energy Managers This webinar serves as a valuable resource for energy managers, engineers, and industry professionals aiming to enhance operational efficiency, reduce costs, and lower emissions. By addressing the often-overlooked inefficiencies in compressed air systems. Want to increase your industrial energy savings? Contact Craig Morgan at Northmore Gordon today! Climate Change , Energy Efficiency , Northmore Gordon You may also like: Welcome to our August & September 2026 Compliance Update. Australian Certificate Markets – August 2026 Update Where's the value in renewable heat? Latest Updates ASRS Group 3: are you in scope and don't know it? September 18, 2026 Correct as at 13 September 2026. If your company is a large proprietary company, you Read More » Beyond annual matching: The evolution of time-stamped RECs August 18, 2026 For more than a decade, Renewable Energy Certificates (RECs, RECs, GOs, TIGRs Tradeable Instrument for Global Renewables (TIGR) Registry is an online platform for tracking and transferring renewable energy certificates (RECs), enabling developers to generate, verify and sell RECs. The registry is run by APX, a US company that provides infrastructure for environmental markets around the world. , LGCs, ZNECs, J-Credits) have Read More » Solar irrigation upgrades: Don't let certificate funding go

unclaimed August 10, 2026 Irrigation pumps are one of the biggest hidden costs on an Australian farm. In particular, if Read More » SRES expansion: STC eligibility to increase from 100 kW to 1 MW from October 2026 August 6, 2026 The Australian Government has announced a major expansion of the Small-scale Renewable Energy Scheme, increasing Read More » 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