

Yallambee Traralgon: Aged Care Village Reduces Energy Costs and Carbon Footprint with 276-kW Solar VEEC Project - Northmore Gordon

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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 Certificates Our Environmental Attribute Certificate services help
 businesses accelerate technology adoption, improve project ROI, and manage claims of renewable
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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. certificates Live Certificate Prices
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 Village Reduces Energy Costs and Carbon Footprint with 276-kW Solar VEEC Project Case Studies
 December 4, 2024 Northmore Gordon About the client: Yallambee Traralgon Village for the Aged Inc
 has provided aged care services since 1971 with the construction of the Retirement Village Units. This
 was followed by the opening of the Margery Cole Hostel in 1975. What was the project? Yallambee
 Traralgon Village for the Aged Inc faced rising energy costs and aimed to reduce their carbon footprint.
 The site sought to implement a sustainable energy solution to lower operational expenses and promote
 environmental stewardship. To achieve this, they implemented a 276-kW solar VEEC Victorian Energy
 Efficiency Certificate (Victorian Energy Efficiency Certificate) project using the Measurement and
 Verification (M&V;) method. The facts: Yallambee Aged Care was able to achieve energy savings
 Electricity or gas savings or both. of approx. 38% annually from the solar project. As a result of
 renewable energy produced by the solar system, the site was able to reduce 2,253 tonnes of Carbon
 dioxide emissions over 10 years The solar system generated 344MWh of solar power in the year 2023.
 The challenges: Installation of additional electrical appliances during the operating period resulted in a
 different approach – from traditional to Virtual Solar switch M&V; method. Due to the above change,
 Northmore Gordon had to actively monitor solar portal (time & effort) to ensure all the data is being
 correctly recorded as the M&V; method has strict limitations around missing data. What were the
 outcomes? Project: 276kW Generation: 344 MWh Certificate Value: \$125K Annual Savings: 269 MWh
 What were the benefits? Significant Energy Savings: The solar installation resulted in a substantial
 reduction in electricity consumption, leading to lower energy bills. Environmental Impact: By switching
 to renewable energy, Yallambee Traralgon Village for the Aged Inc. significantly reduced its
 greenhouse gas emissions, contributing to a cleaner environment. Financial Incentives: The VEECs
 generated through the project provided financial rebates, improving the overall economics of solar
 investment. Enhanced Reputation: The successful implementation of a sustainable energy solution
 bolstered Yallambee Traralgon Village for the Aged Inc.'s reputation as an environmentally responsible
 business. Northmore Gordon's role: Yallambee Traralgon Village for the Aged Inc decision to partner
 with Northmore Gordon for their solar VEEC project exemplifies the benefits of expert guidance in

energy efficiency initiatives. Through the precise application of the M&V; method and comprehensive project management, Yallambee Traralgon Village for the Aged Inc were able to achieve their sustainability and financial goals. For more information about Solar VEECs and LGCs contact: Madonna Ghajar A not-for-profit organisation in Traralgon, Victoria, providing quality residential aged care, independent living, and community support services since 1971. Industry Residential Care Location Traralgon, Victoria Madonna Ghajar Senior Business Development Manager Contact Madonna > You may also like: Case Studies Turning a Regional Utility into an Active Energy Market Participant Case Studies Visy Gibson Island: 34,000 t CO₂e Cut a Year With Waste-to-Energy Case Studies MainStream Aquaculture: \$19K Grant funds a heat pump electrification project Case Studies Kalafatis Fresh Produce: \$283K in Solar Certificates Case Studies Poultry Client Set to Hit 2030 & 2050 Carbon Emissions Targets Case Studies Greenham: Moving Towards Decarbonisation 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