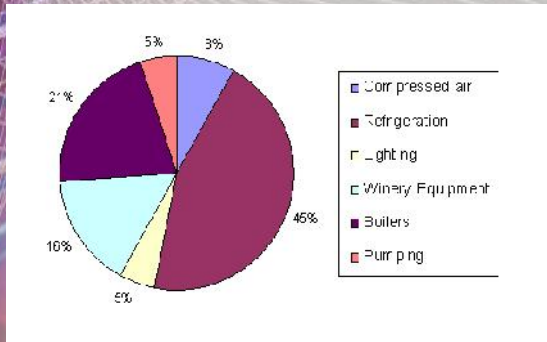


Typical electricity usage in wineries



Introducing the WEST...

WHAT?

DIY tools

www.winesa.asn.au/members/advice-information/environment/energy-efficiency/winery-energy-saver-toolkit/

Home > INDUSTRY > ADVICE & INFORMATION > Environment & Energy > Energy Saver Toolkit

Winery Energy Saver Toolkit

The Winery Energy Saver Toolkit - Resources page

You can download the materials that make up the Toolkit, here:

The Toolkit

- The Winery Energy Saver Toolkit (PDF-book)
- Supporting Documents
- Guide to planning energy efficiency improvements (PDF)
- Winery Energy Saver Toolkit - Self-audit to assess opportunities for energy efficiency improvements
- Supplier Checklists (PDF and Word documents)
- Download supplier checklists

WHAT'S THERE

- Guide e-book
- Templates
- Checklists
- Case studies

GUIDE BOOK

HOW TO USE THIS TOOLKIT

WHAT'S IN THIS TOOLKIT?

The toolkit contains 100+ energy efficiency measures for industrial manufacturing processes, categorized by energy system and building envelope. It is designed to be used by South Australian Wine Industry Association through engagement with its members to improve their energy efficiency and reduce their carbon footprint.

HOW TO USE THIS TOOLKIT?

1. **Identify the energy system** you want to improve (e.g., Heating, Cooling, Lighting, etc.).

2. **Review the measures** listed for that system and select the ones that are most relevant to your facility.

3. **Assess the measures** based on their potential energy savings and cost.

4. **Implement the measures** that offer the best value for money.

5. **Monitor and evaluate** the performance of the measures over time.

CASE STUDIES

Winery Energy Saver Toolkit

Industry Profile

Shiraz 2015 - Solar PV & Hot Water (Expansion)

Background

The winery has a 100% solar PV system installed in 2015, which is being expanded to 200kW. The winery also has a hot water system that is being replaced with a solar hot water system. The winery is a member of the South Australian Wine Industry Association and is looking for ways to improve its energy efficiency and reduce its carbon footprint.

Objectives

The winery aims to reduce its energy consumption and carbon footprint by 10% over the next 12 months. It also aims to improve its energy efficiency and reduce its operational costs.

Measures

The winery has implemented the following measures:

- Installation of a 200kW solar PV system.
- Installation of a solar hot water system.
- Upgrade of lighting fixtures to LED.
- Upgrade of the hot water system to a more efficient model.

Results

The winery has achieved the following results:

- Reduced energy consumption by 10%.
- Reduced carbon footprint by 10%.
- Improved energy efficiency.
- Reduced operational costs.

CHECKLISTS

WATER COLLECTION FORM

Item	Completion (Y/N)	Notes
1. Determine the environmental goals/objectives		
2. Determine the water collection system		
3. Determine the water collection system		
4. Determine the water collection system		
5. Determine the water collection system		
6. Determine the water collection system		
7. Determine the water collection system		
8. Determine the water collection system		
9. Determine the water collection system		
10. Determine the water collection system		

ACHIEVEMENTS


Education
Engagement
Capital (CTFFIP)
Savings

LESSONS

Engagement (1-to-1)
Leaders
TRUST

ACTIONS

Have a
plan for
 the future



THINKING

Shift
ENERGY
efficiency



PRODUCTIVITY

POLICY

Accessible
market-based
INCENTIVES

FUTURE

Active
Demand
Management