

# Winery Electricity Report

## Winery Summary

Vintage	2020
Winery name	Mission Estate Winery
Winery ID	2009
Winery type	Processing with and without bottling
Winery size	1m - 4m L
Region	Hawkes Bay

## 1 Quantity of Production and Electricity Use

2020 Vintage

2019 Vintage

1,129  
tonnes

1,129  
tonnes

2,065,230  
litres

2,127,520  
litres

### How does this affect me?

Between 2012 and 2020 electricity use on average decreased by 31% from 260 kWh/kL wine to 180 kWh/kL across the whole industry. When analysed as a 2 year rolling average, electricity use decreased by 22% in the same period.

Two energy efficiency action sheets are available to members. One on refrigeration and the other looking at further opportunities, like compressed air, heating, peak load etc. See <http://tinyurl.com/y95zdtzb> and <http://tinyurl.com/y7s5y8e8>

2020 Vintage

2019 Vintage

253,988

Electricity  
(kWh/year)

242,334

123

Electricity  
(kWh/kL wine)

114

440

Electricity  
(MJ/kL wine)

410

10

Gas<sup>1</sup>  
(MJ/kL wine)

10

450

Energy<sup>2</sup>  
(MJ/kL Wine)

420

1. Gas = Natural gas plus LPG, reported in megajoules per 1,000 litres of wine  
2. Energy = Electricity plus gas, reported in megajoules

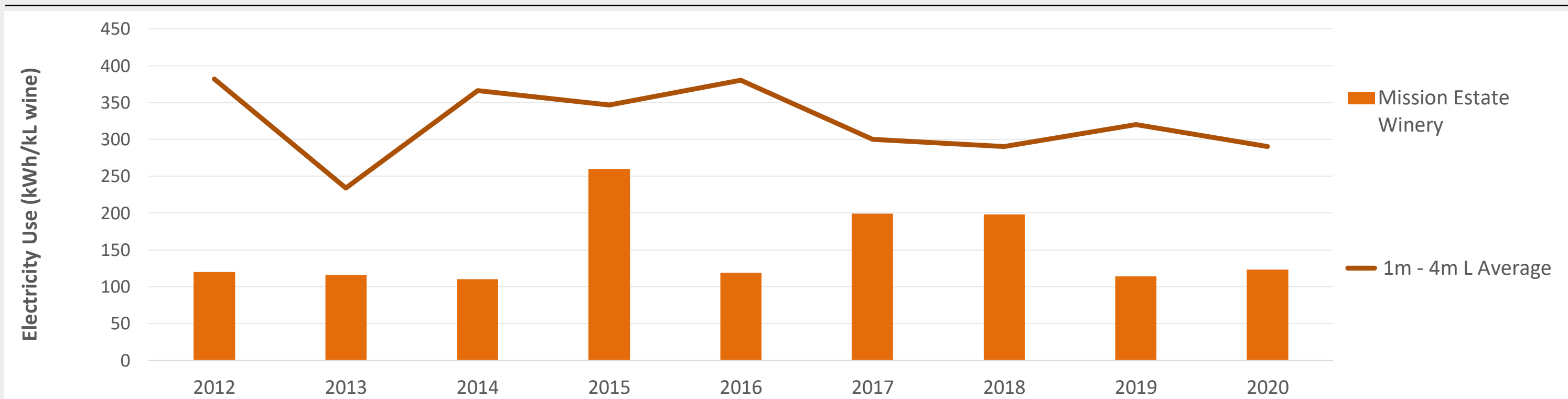
Comment:

Electricity data entered into WiSE

Data included in analysis

(Anticipated range is 50 - 2,000 kWh/kL wine)

## 2 Historical Winery Average Electricity Use by Production Volume: 1m - 4m L



## 3 Winery Comparisons by Production Volume: 1m - 4m L

Your winery electricity use (kWh/kL wine)

123

Winery average electricity use for 1m - 4m L of production (kWh/kL wine)

290

### Electricity use - Winery size 1m - 4m L wineries (kWh/kL)

