

**House 3
Papakowhai Renovation Project**



House 3 Winter Energy Use (May – Sept)				
Period	Space Heating (kWh)	Reticulated Hot Water (kWh)	Total Reticulated Energy (kWh)	Total Energy (kWh)
Pre-Retrofit (2006)	2,120	2,130	7,550	8,970
Intermediate (2007)	1,410	860	6,460	7,590
Post-Retrofit (2008)	810	970	5,070	5,670