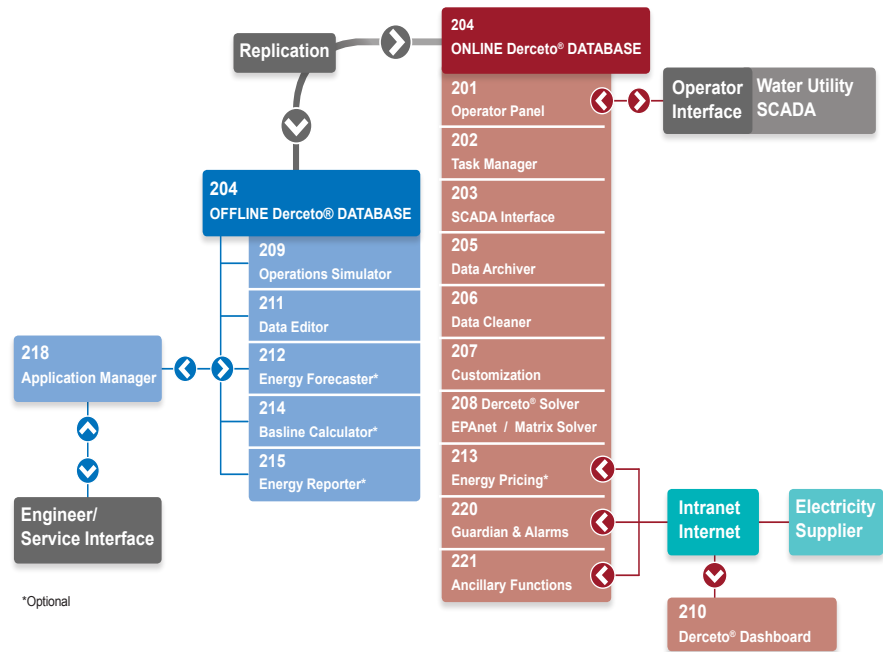


Buying electricity in a real-time market is complex and requires many immediate decisions to be made.

- ▶ Should you buy some or all of your electricity on the day-ahead market?
- ▶ How much electricity should you leave to buy on the real-time market?
- ▶ What is your exposure, and what are the potential risks and benefits?
- ▶ How much should you hedge by buying electricity in long term contracts?
- ▶ Can you use your own generation capacity, when should you generate and how much should you generate?



Being better armed with knowledge of your load profile, when combined with Derceto® Aquadapt™ software's ability to move significant electrical load, makes answering these questions much easier.

Aquadapt software will move load in response to day-ahead or real-time prices.

The **Energy Forecaster** shows you exactly how Aquadapt software will respond to price signals, up to 48 hours ahead. Day-Ahead and Real-Time market prices arrive into the Aquadapt software automatically via live interfaces with your energy suppliers. The Aquadapt system works out the lowest cost pump schedule based on this pricing information.

The **Energy Forecaster** lets you pick time windows and selectively include or exclude every electricity account from the calculation of load demand. You can work interactively with the tool using a range of prices and load profiles to determine your best purchasing strategy.

Filter data by date and/or account

Select the time period and the meter accounts you want to review. The **Energy Forecaster** produces a profile of kW use for every half hour, by account and in total. Results can be viewed numerically or graphically to give you an up to the minute summary of your projected electricity use.

The screenshot shows the 'Energy Forecaster' window with the following data:

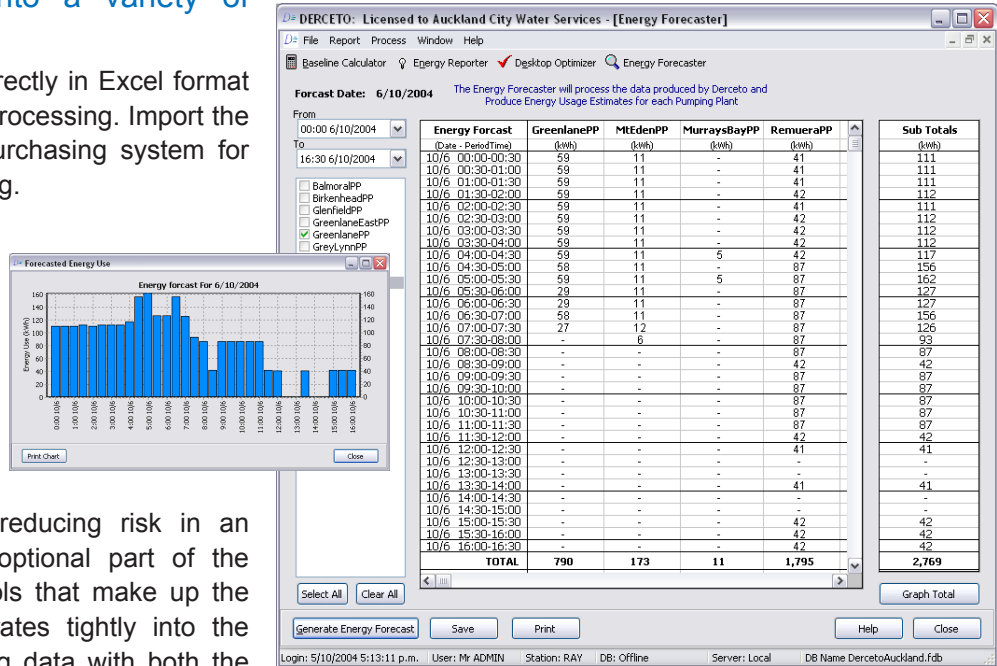
From:	Energy Forecast	GreenlanePP	MurraysBayPP	RemueraPP	Sub Totals
To:	(Date - PeriodTime)	(kWh)	(kWh)	(kWh)	(kWh)
00:00 6/10/2004	10/6 00:00-00:30	59	-	41	100
	10/6 00:30-01:00	59	-	41	100
	10/6 01:00-01:30	59	-	41	100
	10/6 01:30-02:00	59	-	42	101
	10/6 02:00-02:30	59	-	41	100
	10/6 02:30-03:00	59	-	42	101
	10/6 03:00-03:30	59	-	42	101
	10/6 03:30-04:00	59	-	42	101
	10/6 04:00-04:30	59	5	42	106
	10/6 04:30-05:00	58	-	87	145
	10/6 05:00-05:30	59	5	87	151
	10/6 05:30-06:00	29	-	87	116
	10/6 06:00-06:30	29	-	87	116
	10/6 06:30-07:00	58	-	87	145
	10/6 07:00-07:30	27	-	87	114
	10/6 07:30-08:00	-	-	87	87
	10/6 08:00-08:30	-	-	87	87
	10/6 08:30-09:00	-	-	42	42
	10/6 09:00-09:30	-	-	87	87
	TOTAL	790	11	1,198	1,999

Export your results into a variety of formats

Results can be exported directly in Excel format or into text files for further processing. Import the results into your energy purchasing system for instant analysis and updating.

The **Energy Forecaster** produces the electricity load profile generated from the **Aquadapt** software's optimal pump schedule.

When used interactively this tool improves your decision-making process, reducing risk in an uncertain market. As an optional part of the comprehensive suite of tools that make up the **Aquadapt** product it integrates tightly into the **Aquadapt** database, sharing data with both the **Electricity Pricing** tool and the **Aquadapt Optimizer** outputs.



As the electricity industry moves towards deregulation **Aquadapt** software and the **Energy Forecaster** maximize your rewards when participating in this market. The water industry has the potential to store energy in above-grade storage tanks. **Aquadapt** software's ability to use this elevated storage to shift electrical load away from high priced time periods reduces the risk associated with unforeseen price changes.

Derceto Aquadapt software is the unique real-time, on-line water distribution system optimization package from Derceto, Inc. It schedules pumps, flow control valves and production up to 48 hours in advance. Pump and flow schedules for large distribution systems can be derived in minutes enabling it to operate interactively. Aquadapt software can also be used in real-time energy markets. The Aquadapt system continuously adapts to refine its schedule in real-time in response to changing conditions including demand changes, equipment availability and treatment plant capacity. Aquadapt software also improves water quality by seeking to increase turnover of storage and minimize production flow disturbances. It is backed by an established and fast growing user base and has undergone four major feature upgrades since its inception in 1998. Payback from energy savings is rapid, typically under two years.

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