

Percent change in metrics: EA prelim. decision analysis less  
Haast analysis replicating EA ommissions\*

Description	Nov 10–Jan 16	Nov 10–Dec 2	Dec 3–18	Dec 19–Jan 16
INV price (\$/MWh)	0.6	0.7	0.2	0.9
BEN price (\$/MWh)	0.3	1.0	−2.2	0.5
HAY price (\$/MWh)	0.1	0.3	−0.8	0.3
OTA price (\$/MWh)	0.0	0.2	−0.8	0.4
Revenue collected by all generators (\$)	0.4	0.8	−0.6	0.5
CO2 released (tonnes)	0.0	0.1	−0.1	0.0
Generation from storable NI water (MWh)	−0.1	−0.3	−0.1	0.0
Manapouri generation (MWh)	0.1	1.4	−2.7	0.4
Clutha generation (MWh)	−1.6	−0.2	−3.2	−2.1
Waitaki generation excl. Tekapo (MWh)	0.9	−1.0	3.1	0.6
Tekapo generation (MWh)	0.1	0.0	0.0	0.2

\*The EA's prelim. decision analysis omitted Clutha spill prior to Dec ~3rd and all Tekapo spill. The Haast modelling used here replicates these ommissions. It also omits our practice of curtailing ROX and WTK/AVI offer volumes during screen cleaning and the ISL–LIV outage, respectively (see Appendix 1 for details). The EA results are as output from vSPD and ignore hydrological constraints. Price overrides where used were set to \$6.35. A small number of EA datetimes were missing (1.5%), these were imputed with actuals.