



Alpine Energy Limited

Schedule of Loss Factors

To facilitate the reconciliation and allocation of Grid Exit electricity volumes between electricity retailers, network loss factors have been determined. These factors are based on historical, long run, loss trends and include all normal network and miscellaneous losses. Differing loss levels have been determined based on site metering voltages. The factors are reviewed annually.

To approximate volumes at the Grid Exit level, anytime site-metered volumes should be multiplied by the appropriate factor. The loss code for each ICP is available on request from Alpine Energy Limited.

Code	Description	Anytime Loss Factor (effective 01/01/2002)
ALV	Low voltage metering in the Alpine area	1.070
A11	11kV metering in the Alpine area	1.050
A33	33kV metering in the Alpine area	1.020
AOP	Opuha Embedded Generator	0.99

Greg Skelton
Chief Executive Officer
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