

APPENDIX E – STANDING CAPABILITY DATA

E.1 GENERATION FACILITY DATA

- E.1.1 The *standing capability data* pertaining to a *generation facility* shall include:
- E.1.1.1 information sufficient to indicate the *generation facility* to which the *standing capability data* pertains;
 - E.1.1.2 the maximum generation capacity, in MW, of the *generation facility*;
 - E.1.1.3 the maximum ramp-up rate for the *generation facility* in MW/minute;
 - E.1.1.4 the maximum ramp-down rate for the *generation facility* in MW/minute;
 - E.1.1.5 the maximum *reserve* capacity of the *generation facility* for each *reserve class* which the *generation facility* is or seeks to be registered to provide;
 - E.1.1.6 the maximum combined *generation capacity* and *reserve* capacity for each *reserve class* for which the *generation facility* is or seeks to be registered to provide;

Explanatory Note – The previous clause allows the market participant to specify a capacity limit for the purpose of providing reserve which exceeds the facilities normal, sustainable, capacity.

- E.1.1.7 if the *generation facility* is or seeks to be registered to provide any *reserve class*, the reserve proportion, which constrains the maximum reserve that may be scheduled from the *generation registered facility* to the specified ratio of energy scheduled for the *generation registered facility*. The reserve proportion should be specified to minimise the likelihood of the *generation registered facility* being scheduled to provide reserve in excess of what can reliably be provided at any given level of scheduled energy;

- E.1.1.8 the maximum *regulation* capacity of the *generation facility* if the *generation facility* is or seeks to be registered to provide *regulation*;
- E.1.1.9 the maximum *energy* output at which *automatic generator control* or *AGC* can operate the *generation facility* if the *generation facility* is or seeks to be registered to provide *regulation*;
- E.1.1.10 the minimum output at which *automatic generator control* or *AGC* can operate the *generation facility* to provide *regulation* capability if the *generation facility* is or seeks to be registered to provide *regulation*;
- E.1.1.11 the time delay in seconds before the *generation facility* begins to respond following the standard contingency event specified in the *system operation manual*;
- E.1.1.12 the lowest *energy* output level that the *generation facility* is capable of providing *reserve* for all *reserve class*; and
- E.1.1.13 the *reserve* capacity of the *generation facility* at low, medium and high *energy* output level for each *reserve class* which the *generation facility* is or seeks to be registered to provide.

E.2 LOAD FACILITY DATA

E.2.1 The *standing capability data* pertaining to a *load facility* which is or seeks to be registered to provide *reserve* shall include:

E.2.1.1 information sufficient to identify the *load facility* to which the *standing capability data* pertains; and

E.2.1.2 the maximum *reserve* capacity of the *load facility* for each *reserve class* that the *load facility* is or seeks to be registered to provide.