APPENDIX E – STANDING CAPABILITY DATA

E.1 GENERATION FACILITY DATA

E.1.1 The standing capability data pertaining to a generation facility or an import registered facility shall include:

E.1.1.1 information sufficient to indicate the generation facility or import registered facility to which the standing capability data pertains;

E.1.1.2 the maximum generation capacity, in MW, of the generation facility or the maximum import capacity of the import registered facility in MW;

E.1.1.3 the maximum ramp-up rate for the generation facility or import registered facility in MW/minute;

E.1.1.4 the maximum ramp-down rate for the generation facility or import registered facility in MW/minute;

E.1.1.5 in the case of a generation facility, 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 in the case of a generation facility, 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 (AGC) or other signals acceptable to the PSO can operate the generation facility to provide regulation capability if the generation facility is or seeks to be registered to provide regulation;

E.1.1.10 the minimum energy output at which automatic generator control (AGC) or other signals acceptable to the PSO 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 classes;

E.1.1.13 the reserve capacity of the generation facility at low, medium and high energy output levels for each reserve class which the generation facility is or seeks to be registered to provide; and

E.1.1.14 the minimum stable load level of the generation facility where the generation facility has or seeks to have its minimum stable load level registered.

E.1.2 All references in section E.1.1 to an import registered facility shall also include a reference to any facility, installation and/or apparatus seeking to be registered as an import registered facility.
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 or withdraw any *physical service* shall include:

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

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;

E.2.1.3 the aggregate maximum *load curtailment* capacity of the *load facility*, if the *load facility* is or seeks to be registered to be scheduled for *energy* withdrawal for the purposes of *load curtailment*;

E.2.1.4 the maximum ramp-up rate for the *load facility* in MW/minute, if the *load facility* is or seeks to be registered to be scheduled for *energy* withdrawal for the purposes of *load curtailment*;

E.2.1.5 the maximum ramp-down rate for the *load facility* in MW/minute, if the *load facility* is or seeks to be registered to be scheduled for *energy* withdrawal for the purposes of *load curtailment*;

E.2.1.6 the *load zone* associated with the *load facility*, if the *load facility* is or seeks to be registered to be scheduled for *energy* withdrawal for the purposes of *load curtailment*; and

E.2.1.7 the set of *dispatch network nodes* associated with the *load facility*, if the *load facility* is or seeks to be scheduled for *energy* withdrawal for the purposes of *load curtailment*. 