

APPENDIX C – OUTAGE SCHEDULING INFORMATION

C.1 CONTENT OF ASSESSMENT REPORTS

C.1.1 In each of the 12-Month Assessment Reports and Daily Assessment Reports referred to in sections 6.6.2 and 6.6.3 of this Chapter, respectively, the *PSO* shall include the following information for the period covered by each such Report:

- C.1.1.1 a forecast of Singapore demand;
- C.1.1.2 a forecast of the available *reserve* in each *reserve class* and a comparison of this amount with the aggregate of demand plus the *reserve* requirement, together with a higher total accounting for additional contingency allowance;
- C.1.1.3 a forecast of the available *regulation* capacity, together with the forecast *regulation* requirement;
- C.1.1.4 a forecast of excess output from *generation facilities* and *import registered facilities* (in each case, quantities and periods);
- C.1.1.5 a forecast of a deficit in the output from *generation facilities* and *import registered facilities* (in each case, quantities and periods);
- C.1.1.6 a forecast of the adequacy of *ancillary services*;
- C.1.1.7 a forecast of *transmission line* congestion; and
- C.1.1.8 the most current *outage* plans of the *transmission licensee*.

C.2 OUTAGE SUBMISSION INFORMATION REQUIRED BY THE PSO

C.2.1 The following information shall be provided to the *PSO* by each *market participant* for each *planned outage* or *forced outage* as required by section 7.2.4, 7.2.8, 7.2.14 or 7.3.8, as the case may be, of this Chapter:

- C.2.1.1 the identity of the *market participant* submitting the information;
- C.2.1.2 a single point of contact, identified by name or position, along with sufficient information to enable the *PSO* to communicate

- with that single point of contact, such as phone, fax, email or a combination of one or more of these;
- C.2.1.3 the type of *outage* and the nature of the *outage*, such as a derating, a complete *outage* or a test;
 - C.2.1.4 sufficient information to allow the *PSO* to identify the specific facility or equipment affected by the *outage* and the location of such facility or equipment;
 - C.2.1.5 the proposed start date, start time, end date and end time of the *outage*. In the case of a *planned outage*, where an acceptable range of dates exists, the *market participant* may identify the preferred period along with the acceptable alternative periods;
 - C.2.1.6 the amount of time required for the facility or equipment that is the subject of the *outage* to become fully available following a request by the *PSO* to have the equipment returned to service once the *outage* has commenced;
 - C.2.1.7 the periodic nature of the *outage*, such as continuous, continuous except for weekends or daily, as applicable;
 - C.2.1.8 general information about the *outage*, such as a brief description of the purpose of the *outage* and specific requirements or information pertinent to the *outage*, such as loading levels for the test of a *generation facility*, as well as any regulatory requirements applicable to the *outage*;
 - C.2.1.9 the impact, if any, on real power resources, and in particular the reduction in such resources, which results or has resulted from the *outage*, determined on the basis of the direct impact associated with the specific facility or equipment that is the subject of the *outage*;
 - C.2.1.10 the impact, if any on reactive power resources, and in particular the reduction in such resources, which results or has resulted from the *outage*, determined on the basis of the direct impact associated with the specific facility or equipment that is the subject of the *outage*; and
 - C.2.1.11 in the case of a *planned outage* of a *generation facility*, an *import registered facility* or equipment, the estimated direct expenses to be incurred by the *market participant*.

C.3 OUTAGE PLANNING INFORMATION PROVIDED BY THE PSO

- C.3.1 The *PSO* shall communicate to each *market participant* which has made an *outage submission* under section 7.2.4.1, 7.2.8 or 7.2.14 of this Chapter, has made a request for a *planned outage* in accordance with section 7.3 of this Chapter or has notified the *PSO* of a *forced outage* in accordance with section 7.3.7 of this Chapter a unique identifier for the purposes of *outage* identification and to assist with any required audit function. The *PSO* shall also send to the *market participant* an acknowledgement of receipt of each *outage submission* submitted in accordance with section 7.4.2.1, 7.2.8 or 7.2.14 indicating such unique identifier, the time of receipt, the *PSO*'s single point of contact in respect of the *outage* and any other information the *PSO* determines appropriate.