

HKID	Modification Category	Red Line Version Text Deleted text in strike-through red font and new text highlighted in blue font	Green Line Version Text	Status
31_V14.2_SDC2.B.2	Terms that are not defined under the Grid Code should not appear bolded	SDC2.B.2 Generators having achieved the new target Mvar Output , should not attempt to sustain this level of Mvar Output as the System Voltage varies but should, rather, allow the Reactive Power output to vary under AVR control in accordance with the then applicable Declarations of Ancillary Service capabilities and Technical Parameters .	SDC2.B.2 Generators having achieved the new target Mvar Output , should not attempt to sustain this level of Mvar Output as the System Voltage varies but should, rather, allow the Reactive Power output to vary under AVR control in accordance with the then applicable Declarations of Ancillary Service capabilities and Technical Parameters .	Modification with CRU for review (29/11/2024)
32_V14.2_SDC2.B.8	Defined terms should appear bolded and capitalised	SDC2.B.8 A Dispatch Instruction relating to Reactive Power will be implemented without delay and, notwithstanding the provisions of SDC2.4.2.12 and subject as provided in this Appendix B will be achieved not later than 2 minutes after the Dispatch Instruction time, or such longer period as the TSO may Instruct .	SDC2.B.8 A Dispatch Instruction relating to Reactive Power will be implemented without delay and, notwithstanding the provisions of SDC2.4.2.12 and subject as provided in this Appendix B will be achieved not later than 2 minutes after the Dispatch Instruction time, or such longer period as the TSO may Instruct .	Modification with CRU for review (29/11/2024)
33_V14.2_CC.7.3.1.4	Defined terms should appear bolded and capitalised	CC.7.3.1.4 [...] The Generator will maintain operational procedures and practices, which ensure that there are no unnecessary delays in responding to Dispatch Instructions in accordance with the technical capabilities of the Generation Plant .	CC.7.3.1.4 [...] The Generator will maintain operational procedures and practices, which ensure that there are no unnecessary delays in responding to Dispatch Instructions in accordance with the technical capabilities of the Generation Plant .	Modification with CRU for review (29/11/2024)
34_V14.2_OC.4.7.3.2	Defined terms should appear bolded and capitalised	OC.4.7.3.2 [...] For Power Stations or Interconnectors which are not Black Start Stations , Dispatch Instructions will recognise each Interconnector's declared operational capability as registered pursuant to SDC1 (or as amended from time to time in accordance with SDC1 and SDC2).	OC.4.7.3.2 [...] For Power Stations or Interconnectors which are not Black Start Stations , Dispatch Instructions will recognise each Interconnector's declared operational capability as registered pursuant to SDC1 (or as amended from time to time in accordance with SDC1 and SDC2).	Modification with CRU for review (29/11/2024)
35_V14.2_OC.7.2.5.4.1	Defined terms should appear bolded and capitalised	OC.7.2.5.4.1 Each User shall comply with the TSO requirements and provide appropriate computer and data networking equipment to allow data exchange such as electronic mail, Dispatch Instructions etc between the TSO and the User . The equipment shall only be used by the User for operational communications with the TSO .	OC.7.2.5.4.1 Each User shall comply with the TSO requirements and provide appropriate computer and data networking equipment to allow data exchange such as electronic mail, Dispatch Instructions etc between the TSO and the User . The equipment shall only be used by the User for operational communications with the TSO .	Modification with CRU for review (29/11/2024)
36_V14.2_SDC1.4.2.2.9	Defined terms should appear bolded and capitalised	(c) It is accepted that in cases of change in MW Output in response to Dispatch Instructions issued by the TSO , there may be a transitional variance to the conditions reflected in the CCGT Installation Matrix . Each Generator shall notify the TSO as soon as practicable after the event of any such variance.	(c) It is accepted that in cases of change in MW Output in response to Dispatch Instructions issued by the TSO , there may be a transitional variance to the conditions reflected in the CCGT Installation Matrix . Each Generator shall notify the TSO as soon as practicable after the event of any such variance.	Modification with CRU for review (29/11/2024)
37_V14.2_SDC1.4.7.9	Defined terms should appear bolded and capitalised	(c) The TSO may issue Dispatch Instructions to Users in respect of CDGUs, Controllable PPMs, Pumped Storage Plant Demand, Energy Storage Power Station Demand and/or Demand Side Units and/or Aggregated Generating Units and/or Interconnector power transfers before the issue of the initial Indicative Operations Schedule for the Trading Day to which the Dispatch Instruction relates if the Synchronous Start Up Time for the relevant CDGUs and/or Controllable PPMs, Pumped Storage Plant Demand, Energy Storage Power Station Demand and/or Demand Side Unit and/or Aggregated Generating Unit requires	(c) The TSO may issue Dispatch Instructions to Users in respect of CDGUs, Controllable PPMs, Pumped Storage Plant Demand, Energy Storage Power Station Demand and/or Demand Side Units and/or Aggregated Generating Units and/or Interconnector power transfers before the issue of the initial Indicative Operations Schedule for the Trading Day to which the Dispatch Instruction relates if the Synchronous Start Up Time for the relevant CDGUs and/or Controllable PPMs, Pumped Storage Plant Demand, Energy Storage Power Station Demand and/or Demand Side Unit and/or Aggregated Generating Unit requires	Modification with CRU for review (29/11/2024)
38_V14.2_Definitions	Defined terms should appear bolded and capitalised	Emergency Instruction : A Dispatch Instruction issued by the TSO , pursuant to SDC2.11 to a CDGU or an Interconnector which may require an action or response which is outside the limits implied by the then current Declarations .	Emergency Instruction : A Dispatch Instruction issued by the TSO , pursuant to SDC2.11 to a CDGU or an Interconnector which may require an action or response which is outside the limits implied by the then current Declarations .	Modification with CRU for review (29/11/2024)
39_V14.2_SDC2.B.17	Defined terms should appear bolded and capitalised	SDC2.B.17 Under System fault conditions it is possible for AVR action to drive Reactive Power output for a CDGU outside of its Declared Operating Characteristic limits. The Generator shall immediately inform the TSO of the situation. However if the Generator reasonably believes that the situation may be dangerous to personnel or Plant , then limited action may be taken to improve the situation.	SDC2.B.17 Under System fault conditions it is possible for AVR action to drive Reactive Power output for a CDGU outside of its Declared Operating Characteristic limits. The Generator shall immediately inform the TSO of the situation. However if the Generator reasonably believes that the situation may be dangerous to personnel or Plant , then limited action may be taken to improve the situation.	Modification with CRU for review (29/11/2024)
40_V14.2_PPM1.6	Defined terms should appear bolded and capitalised	Figure PPM 1.6.3.1.b: Minimum Reactive Power Capability of Controllable PPMs consisting of ESPs	Figure PPM 1.6.3.1.b: Minimum Reactive Power Capability of Controllable PPMs consisting of ESPs	Modification with CRU for review (29/11/2024)
41_V14.2_PPM1.6.3.7	Defined terms should appear bolded and capitalised	For DC connected Controllable PPMs , the TSO may specify supplementary Reactive Power to be provided if the Connection Point of a DC connected Controllable PPM is neither located at the high Voltage terminals of the step-up transformer to the Voltage level of the Connection Point not at the alternator terminals, if no step-up transformer exists. This supplementary Reactive Power shall compensate the Reactive Power exchange of the high Voltage line or cable between the high Voltage terminals of the step-up transformer of the DC connected Controllable PPM or its alternator terminals, if no step-up transformer exists, and the Connection Point and shall be provided by the responsible owner of that line or cable.	For DC connected Controllable PPMs , the TSO may specify supplementary Reactive Power to be provided if the Connection Point of a DC connected Controllable PPM is neither located at the high Voltage terminals of the step-up transformer to the Voltage level of the Connection Point not at the alternator terminals, if no step-up transformer exists. This supplementary Reactive Power shall compensate the Reactive Power exchange of the high Voltage line or cable between the high Voltage terminals of the step-up transformer of the DC connected Controllable PPM or its alternator terminals, if no step-up transformer exists, and the Connection Point and shall be provided by the responsible owner of that line or cable.	Modification with CRU for review (29/11/2024)
42_V14.2_Definition	Defined terms should appear bolded and capitalised	Critical Fault Clearance Time : The longest fault duration not leading to out-of-step conditions such as pole-slipping in a Generating Unit following a Fault Disturbance . Critical Fault Clearance Time will vary according to the Active Power and Reactive Power output of the Generating Unit . The minimum Critical Fault Clearance Time for a particular Fault Disturbance is likely to occur when the Generating Unit is at maximum Active Power output and maximum leading Reactive Power output.	Critical Fault Clearance Time : The longest fault duration not leading to out-of-step conditions such as pole-slipping in a Generating Unit following a Fault Disturbance . Critical Fault Clearance Time will vary according to the Active Power and Reactive Power output of the Generating Unit . The minimum Critical Fault Clearance Time for a particular Fault Disturbance is likely to occur when the Generating Unit is at maximum Active Power output and maximum leading Reactive Power output.	Modification with CRU for review (29/11/2024)
43_V14.2_Definitions	Defined terms should appear bolded and capitalised	Energise : The movement of any isolator, breaker or switch so as to enable Active Power and Reactive Power to be transferred to and from the Facility through the Generator's Plant and Apparatus and " Energised " and " Energising " shall be construed accordingly.	Energise : The movement of any isolator, breaker or switch so as to enable Active Power and Reactive Power to be transferred to and from the Facility through the Generator's Plant and Apparatus and " Energised " and " Energising " shall be construed accordingly.	Modification with CRU for review (29/11/2024)
44_V14.2_Definitions	Defined terms should appear bolded and capitalised	Stable/Stability : A Generation Unit is adjudged to be stable if the various machine states and variables, including but not limited to rotor angle, Active Power output, and Reactive Power output, do not exhibit persistent or poorly damped oscillatory behaviour, when the Generation Unit is subjected to a Fault Disturbance or other transient event on the Transmission System .	Stable/Stability : A Generation Unit is adjudged to be stable if the various machine states and variables, including but not limited to rotor angle, Active Power output, and Reactive Power output, do not exhibit persistent or poorly damped oscillatory behaviour, when the Generation Unit is subjected to a Fault Disturbance or other transient event on the Transmission System .	Modification with CRU for review (29/11/2024)

45_V14.2_CC.7.3.1.1	Defined terms should appear bolded and capitalised	(bb)Equipped with a facility to provide fault recording and monitoring of dynamic system behaviour. This facility shall record the following parameters: — voltage Voltage ; — active-power Active Power ; — reactive-power Reactive Power ; and — frequency Frequency .	(bb)Equipped with a facility to provide fault recording and monitoring of dynamic system behaviour. This facility shall record the following parameters: — Voltage ; — Active Power ; — Reactive Power ; and — Frequency .	Modification with CRU for review (29/11/2024)
46_V14.2_CC.7.5.10	Defined terms should appear bolded and capitalised	(a) The Interconnector shall ensure that the reactive-power Reactive Power of its Interconnector Converter Station exchanged with the Transmission System at the Connection Point is limited to values specified by the TSO .	(a) The Interconnector shall ensure that the Reactive Power of its Interconnector Converter Station exchanged with the Transmission System at the Connection Point is limited to values specified by the TSO .	Modification with CRU for review (29/11/2024)
47_V14.2_CC.10.12.7	Defined terms should appear bolded and capitalised	[...] The automatic controller shall be capable of sending and receiving the following signals and commands to and from the relevant system operator: [...] (d) Reactive-power Reactive Power , Voltage or similar setpoints; (e) Reactive power Power control modes;	[...] The automatic controller shall be capable of sending and receiving the following signals and commands to and from the relevant system operator: [...] (d) Reactive Power , Voltage or similar setpoints; (e) Reactive Power control modes;	Modification with CRU for review (29/11/2024)
48_V14.2_OC.4.4.3.1	Defined terms should appear bolded and capitalised	OC.4.4.3.1 Voltage Control is achieved by ensuring sufficient availability of dynamic and static reactive-power Reactive Power from contributions listed in OC.4.4.3.2. The factors, which are obviously most readily subject to control by the TSO , are the Mvar produced/absorbed by Generation Units , Interconnectors and installed dedicated Voltage Control facilities.	OC.4.4.3.1 Voltage Control is achieved by ensuring sufficient availability of dynamic and static Reactive Power from contributions listed in OC.4.4.3.2. The factors, which are obviously most readily subject to control by the TSO , are the Mvar produced/absorbed by Generation Units , Interconnectors and installed dedicated Voltage Control facilities.	Modification with CRU for review (29/11/2024)
49_V14.2_OC.4.4.3.2	Defined terms should appear bolded and capitalised	OC.4.4.3.2 The TSO shall endeavour to maintain sufficient availability of dynamic and static reactive-power Reactive Power in order to operate Transmission System Voltages at Connection Points within the levels specified in CC.8.3, at all times. Factors, which will influence the required Mvar capacity, include the following: [...]	OC.4.4.3.2 The TSO shall endeavour to maintain sufficient availability of dynamic and static Reactive Power in order to operate Transmission System Voltages at Connection Points within the levels specified in CC.8.3, at all times. Factors, which will influence the required Mvar capacity, include the following: [...]	Modification with CRU for review (29/11/2024)
50_V14.2_SDC2.8.17	Defined terms should appear bolded and capitalised	SDC2.8.17 Under System fault conditions it is possible for AVR action to drive Reactive Power Power output for a CDGU outside of its Declared Operating Characteristic limits. [...]	SDC2.8.17 Under System fault conditions it is possible for AVR action to drive Reactive Power output for a CDGU outside of its Declared Operating Characteristic limits. [...]	Modification with CRU for review (29/11/2024)
51_V14.2_PPM1.4.2	Defined terms should appear bolded and capitalised	(f) [...] The TSO specifies the pre-fault and post-fault conditions for the fault-ride-through capability on a case-by-case base, and where requested by the Controllable PPM . The specified pre-fault and post-fault conditions for the fault-ride-through capability will be made publicly available. This includes; [...] (ii) pre-fault active Active Power and reactive power Reactive Power operating point of the Controllable PPM at the Connection Point and voltage Voltage at the Connection Point ; [...]	(f) [...] The TSO specifies the pre-fault and post-fault conditions for the fault-ride-through capability on a case-by-case base, and where requested by the Controllable PPM . The specified pre-fault and post-fault conditions for the fault-ride-through capability will be made publicly available. This includes; [...] (ii) pre-fault Active Power and Reactive Power operating point of the Controllable PPM at the Connection Point and Voltage at the Connection Point ; [...]	Modification with CRU for review (29/11/2024)
52_V14.2_SDC 2 ANNEX I	Correction of typos	2. Specific differences in wording between equivalent provisions in both Grid Codes The table below provides a list of the other specific differences in wording between equivalent provisions of SDC1 SDC2 in both Grid Codes.	2. Specific differences in wording between equivalent provisions in both Grid Codes The table below provides a list of the other specific differences in wording between equivalent provisions of SDC2 in both Grid Codes.	Modification with CRU for review (29/11/2024)
53_V14.2_SDC 2 ANNEX I	Correction of typos	3. Provisions applicable to one Grid Code only The table below provides a list of the provisions of SDC1 SDC2 which exist in one Grid Code only.	3. Provisions applicable to one Grid Code only The table below provides a list of the provisions of SDC2 which exist in one Grid Code only.	Modification with CRU for review (29/11/2024)
54_V14.2_PPM1.6.3.1	Defined terms should appear bolded and capitalised	The Grid Connected Transformer tap changing range must be capable of ensuring nominal voltage Voltage at the lower voltage Voltage side of the grid connected transformer, for any Voltage at the Connection Point within the ranges specified in PPM1.6.1.	The Grid Connected Transformer tap changing range must be capable of ensuring nominal Voltage at the lower Voltage side of the grid connected transformer, for any Voltage at the Connection Point within the ranges specified in PPM1.6.1.	Modification with CRU for review (29/11/2024)
55_V14.2_PPM1.6.3.3	Defined terms should appear bolded and capitalised	PPM1.6.3.3 The total charging of the Controllable PPM Collector Network during low load Load operation (below 12%) shall be examined during the TSO's Connection Offer process. If during this examination it is identified that this charging may cause the voltage Voltage on the Transmission System to be outside the Transmission System Voltage ranges, as specified in PPM1.6.1, then the Reactive Power requirements will need to be altered.	PPM1.6.3.3 The total charging of the Controllable PPM Collector Network during low Load operation (below 12%) shall be examined during the TSO's Connection Offer process. If during this examination it is identified that this charging may cause the Voltage on the Transmission System to be outside the Transmission System Voltage ranges, as specified in PPM1.6.1, then the Reactive Power requirements will need to be altered.	Modification with CRU for review (29/11/2024)
56_V14.2_PPM1.6.4	Defined terms should appear bolded and capitalised	... The maximum magnitude, duration and measurement window of the Voltage Voltage transient shall be specified on a site specific basis and shall not exceed 5 per cent of the pre-synchronisation Voltage The maximum magnitude, duration and measurement window of the Voltage transient shall be specified on a site specific basis and shall not exceed 5 per cent of the pre-synchronisation Voltage .	Modification with CRU for review (29/11/2024)
57_V14.2_PPM1.6.5.2	Defined terms should appear bolded and capitalised	PPM1.6.5.2 The Controllable PPM's Grid Connected Transformers may be connected either: (a) in delta on the lower voltage Voltage side and in star (with the star point or neutral brought out) on the HV side; or (b) in star on both HV and lower voltage Voltage sides with a delta tertiary winding provided.	PPM1.6.5.2 The Controllable PPM's Grid Connected Transformers may be connected either: (a) in delta on the lower Voltage side and in star (with the star point or neutral brought out) on the HV side; or (b) in star on both HV and lower Voltage sides with a delta tertiary winding provided.	Modification with CRU for review (29/11/2024)
58_V14.2_PPM1.7.1.3.1	Defined terms should appear bolded and capitalised	a) Percentage of WTG shutdown Shutdown due to high wind-speed conditions (0-100 %); b) Percentage of WTG not generating due low wind-speed shutdown Shutdown (0-100 %).	a) Percentage of WTG shutdown Shutdown due to high wind-speed conditions (0-100 %); b) Percentage of WTG not generating due low wind-speed shutdown Shutdown (0-100 %).	Modification with CRU for review (29/11/2024)
59_V14.2_PPM1.7.5.2	Defined terms should appear bolded and capitalised	Where this engagement involves the provision of data by the Controllable PPM to the TSO , this data must be provided as soon as reasonably practicable, or in any event, within 60 business-days Business Days of the date of the request.	Where this engagement involves the provision of data by the Controllable PPM to the TSO , this data must be provided as soon as reasonably practicable, or in any event, within 60 Business Days of the date of the request.	Modification with CRU for review (29/11/2024)
60_V14.2_Units	Addition of Unit	kVA Kilo Volt Amperes	kVA Kilo Volt Amperes	Modification with CRU for review (29/11/2024)