

Changes to expanding the Auto Advanced Approval (AA) and Final Approval in Advance (FAA) outage criteria

In an effort to reduce overall call volume into the IESO's real time operations Control Room, the IESO will be updating the criteria for Auto Advanced Approval (AA) and Final Approval in Advance (FAA) that can be found in Appendix D of Market Manual 7.3. These changes are expected to be deployed into Production in September 12, 2018.

The changes that will be made are the following:

1. Other Communication Equipment OR Other Miscellaneous Equipment

Outage requests submitted to equipment under Equipment Class 'Other Communication Equipment' or 'Other Miscellaneous Equipment' (e.g. station batteries, chargers, inverters, rectifiers, diesel standby generator tests, generator auxiliaries, and compressors) with Constraint Code 'OOS' will now be eligible for FAA so long as they result in a loss of redundancy and can be recalled in 15 minutes or less.

Eligibility Criteria Prior to Change:

A Outage Type	B Equipment Class	C Constraint Code	D Low-impact Attributes	E Additional Conditions	F 1-Day Advance Approval	H Auto AA	I FAA
Other Equipment	Other Communication Equipment, Other Miscellaneous Equipment	OOS	Only a Loss of Redundancy?" = YES (Answer)	Max Recall is ≤ 15 minutes	Y	N	N
		IS		Max Recall is ≤ 15 minutes	Y	N	N

Eligibility Criteria Following Change:

A Outage Type	B Equipment Class	C Constraint Code	D Low-impact Attributes	E Additional Conditions	F 1-Day Advance Approval	H Auto AA	I FAA
Other Equipment	Other Communication Equipment, Other Miscellaneous Equipment	OOS	Only a Loss of Redundancy?" = YES (Answer)	Max Recall is ≤ 15 minutes	Y	N	Y
		IS		Max Recall is ≤ 15 minutes	Y	N	N

2. Outage Requests to Station Service Equipment

Outage requests submitted to equipment under Equipment Class ‘AC/DC Station Service’ (e.g. station service breakers and transformers) with Constraint Code ‘OOS’ will revise one of the low-impact question from “Does the SS supply Transformer Cooling?” to “Does the SS supply Cooling to any equipment on the ICG?”. In this case, ‘equipment on the ICG’ refers to autotransformers with secondary voltages greater than 100 kV, voltage regulators operated at voltages greater than 100 kV, phase shifters, Static VAR Compensators, and Synchronous Condensers. These outages will be eligible for FAA and Auto AA if the answer is ‘Yes’, the outage results in a loss of redundancy and can be recalled in 15 minutes or less.

For market participants that have a machine account that connects to the OCSS Web Service, this low-impact question will need be revised on their end. The IESO will contact these market participants to conduct a market trial at a later date.

Eligibility Criteria Prior to Change:

A Outage Type	B Equipment Class	C Constraint Code	D Low-impact Attributes	E Additional Conditions	F 1-Day Advance Approval	H Auto AA	I FAA
AC/DC station service	AC/DC Station Service	OOS	“Only a Loss of Redundancy?” = YES (Answer) “Does the SS supply Transformer Cooling?” = YES (Answer)	Max Recall is ≤ 15 minutes	Y	N	N
		OOS	“Only a Loss of Redundancy?” = YES (Answer) “Does the SS supply Transformer Cooling?” = NO (Answer)	Max Recall is ≤ 15 minutes	Y	Y	Y
		IS		Max Recall is ≤ 15 minutes	Y	N	N

Eligibility Criteria Following Change:

A Outage Type	B Equipment Class	C Constraint Code	D Low-impact Attributes	E Additional Conditions	F 1-Day Advance Approval	H Auto AA	I FAA
AC/DC station service	AC/DC Station Service	OOS	“Only a Loss of Redundancy?” = YES (Answer) “Does the SS supply Cooling to any equipment on the ICG?” = YES (Answer)	Max Recall is ≤ 15 minutes	Y	N	N
		OOS	“Only a Loss of Redundancy?” = YES (Answer) “Does the SS supply Cooling to any equipment on the ICG?” = NO (Answer)	Max Recall is ≤ 15 minutes	Y	Y	Y
		IS		Max Recall is ≤ 15 minutes	Y	N	N

3. Outage Requests to Protections resulting in LOR

Outage requests submitted to Primary Protections for equipment under any Equipment Class with Constraint Code ‘PROT OOS’ and resulting in a loss of redundancy will no longer be eligible for Auto AA if the outage cannot be recalled in 15 minutes or less.

Eligibility Criteria Prior to Change:

A Outage Type	B Equipment Class	C Constraint Code	D Low-impact Attributes	E Additional Conditions	F 1-Day Advance Approval	H Auto AA	I FAA
Primary protections	Line, Line Section, Generation facility, Bus, Transformer, Reactor, Capacitor, SVC, Phase Shifter, Voltage	PROT OOS	“Only a Loss of Redundancy?” = YES (Answer)		Y	Y	Y

Eligibility Criteria Following Change:

A Outage Type	B Equipment Class	C Constraint Code	D Low-impact Attributes	E Additional Conditions	F 1-Day Advance Approval	H Auto AA	I FAA
Primary protections	Line, Line Section, Generation facility, Bus, Transformer, Reactor, Capacitor, SVC, Phase Shifter, Voltage	PROT OOS	"Only a Loss of Redundancy?" = YES (Answer)	Max Recall is ≤ 15 minutes	Y	Y	Y
			"Only a Loss of Redundancy?" = YES (Answer)	Max Recall is > 15 minutes	Y	N	Y

4. Outage Requests to equipment already out of service on a Planned Outage

Outage requests submitted to equipment which is already scheduled out of service under a single, planned outage request with Constraint Code 'OOS' will be eligible for FAA provided:

- The new outage request contains the same or a subset of the equipment scheduled out of service
- The new outage request overall and period level planned start and end date is the same or within the same time period of the existing outage request
- The new outage request has been manually selected by the IESO to be eligible for this FAA application

Market Participants are reminded that Planned Outage Requests which have automatically been advanced to the Final Approved state do not require Final Approval to be granted over the telephone from the IESO's Control Room prior to beginning of the outage.