

1.0 Purpose

The purpose of this document is to provide a guideline for preparing Open Access Same-time Information System (OASIS) messages including the “What, When and How” of OASIS messaging.

2.0 Scope

- 2.1 OASIS is intended to be the primary information link between the **Transmission Operator** and Transmission Customer (those involved in the Wholesale Marketing Function).

OASIS should not be used to communicate with other System Operators. For example, if you need to discuss a transmission issue with the NB Operator, the procedures used in the past should continue to be used.

Sections 2.2 through 2.4 should help you decide:

- When do I need to post an OASIS message?
- What information is included or, more importantly, excluded from the message?
- What words should be used so messages have a consistent approach?

- 2.2 Post an OASIS message following a system emergency in which you have to suspend Standards of Conduct:

This allows the operator to curtail transactions, order units to operate out of schedule, or shed interruptible loads. You may have to contact Marketers directly and you may need to explain the severity of the situation.

- a) **Message Header:**
"System Emergency"
- b) **Content:**
Details are not required in this section. If an NPCC or UARB report is required to provide details, it will be produced by the System Operator.
- c) **Typical Message:**
Due to a system emergency between (Time A) and (Time B) on (Date), rules associated with Standards of Conduct were suspended.

2.3 Post an OASIS message following System Security Issues

If you must cancel an export because of a transmission related problem (loss of L8001, loss of L8003, forest fire on Right of Way, etc.), a message should be posted using the "curtailment" topic heading.

If NB Power, Hydro-Quebec, New England, or Newfoundland & Labrador Hydro curtails a purchase because of transmission issues, it is the responsibility of those organizations to post the curtailment on their OASIS.

If the purchase is curtailed by the NS Power System Operator because of transmission or reliability issues, the NS Power System Operator should post a message. Examples of this might include: the NS Power System Operator recognizes a high risk of L8001 tripping (if there is a severe storm or a known problem on the line, such as bad insulators or galloping conductors) with heavy import which might result in underfrequency load shedding.

If an export is curtailed because NS Power lost multiple 230kV lines or a 345kV line, and SPS's cannot cover the next contingency, a message should be posted.

- a) **Message Header:**
" System Security"
- b) **Content:**
It is not necessary to provide extensive details on the issue. The NS Power System Operator will follow up with those details later. It is important to identify that there are system security issues and the estimated duration of the event.
- c) **Typical Messages:**
Due to system security issues within Nova Scotia, corridor xxx will be limited to be xxx, with duration xxxx of the issue/event.

2.4 Post an OASIS message following a Transmission Outage:

Outages that are planned and scheduled in advance will be posted on the OASIS by the Outage Coordinator. The long-term schedule will only include 230kV and 345kV transmission outages that have the potential for affecting import/export or east-west transmission flows (Cape Breton Export, Onslow South, Flow into Metro.).

Unplanned outages that might affect import/export limits or the economic dispatch schedule should be posted as an OASIS Message. Outages that might affect small parts of the system or only one plant do not have to be posted. For example, if a 69kV line in the Mersey area will affect the dispatch of a few of the units, the Transmission Operator will inform the Energy Dispatcher or the Hydro Operator, who will take the appropriate action. If a line out of Glen Tosh is lost, and the capacity of Wreck Cove is limited, reserve calculations must be altered.

Once an outage message is posted on the OASIS, it is permitted to discuss the implications with the Wholesale Marketing and Power Production groups. Details of the cause of the transmission outage should not be discussed, but the expected results and duration of the outage can be discussed. If this outage results in Emergency Conditions, then the rules of the Standards of Conduct can be suspended, and the **System Emergency** message should be used.

Where line outages affect transfer limits, the appropriate reductions will be included in the switching procedures, or operating security studies / communicated through Short Term Operating Instructions (STOI) (to be performed by engineering staff or the transmission operator).

- a) **Message Header:**
"Transmission Outage"
- b) **Content:**
Extensive details are not necessary. State the transmission element to be taken out of service, the date and time the outage is to begin, and the expected duration. If transfer limits are reduced to the extent that the dispatch schedule will be affected, this can be mentioned also.
- c) **Typical Messages:**
Line L8004 will be taken out of service at (Time A) on (Date) for approximately 8 hours. Cape Breton Export limits will be reduced by xxx MW and NS export will be restricted to yyy MW at that time.

Line L8002 will be taken out of service at (Time A) on (Date) for approximately 8 hours. It may be necessary to operate generation west of Onslow out of merit order to reduce Onslow South transfer levels.

2.5 Post an OASIS message following Generation Restrictions

This allows the NS Power System Operator to order units to operate out of schedule or shed interruptible loads. The NS Power System Operator may have to contact Marketers directly to explain the severity of the situation.

- a) **Message Header:**
“Generation Restrictions”
- b) **Content:**
Details are not required in this section. If an NPCC or UARB report is required to provide details, it will be produced by the NS Power System Operator.
- c) **Typical Message:**
Generation restrictions apply.

3.0 Revision History

Revision	Prepared by	Reason for change
October 2017 – rev 1	Dave Kelly	Issued.
October 4, 2018 – rev 2	Nicole Mosher	Annual review
September 20, 2019 – rev 3	Nicole Mosher	Annual review, no changes.
September 28, 2020 – rev 4	Nicole Mosher	Annual review, no changes.
December 2, 2021 – rev 5	Kelsey Settle	Annual review. Changed signing authority changed from Nicole Mosher to Natasha Flynn.
December 2022 – rev 6	Kelsey Settle	Annual review, no changes.
December 2023 – rev 7	Natasha Flynn	Annual review. Minor updates.



**OATT Standards of Conduct (SoC) OATT
Standards of Conduct OASIS Messaging**

4.0 Document Approver

Position	Signature	Approval Date
Chief Compliance Officer (Natasha Flynn)		December 8, 2023