

# Idaho Power Transmission Business Practices

## *Section 14 – Curtailment, Interruption, and Reinstatement*

Effective Date: August 7, 2008

*In this section*

<b>14.1</b>	<b>Curtailments</b> .....	<b>1</b>
14.1.1	Transmission Curtailment.....	1
14.1.2	Energy Curtailment.....	2
14.1.3	Current Hour Curtailments .....	2
14.1.4	Curtailing Losses .....	2
<b>14.2</b>	<b>Economic Interruption</b> .....	<b>2</b>
<b>14.3</b>	<b>Credit for Outages/Curtailments</b> .....	<b>3</b>

### **14.1 Curtailments**

#### **14.1.1 Transmission Curtailment**

Curtailment of transmission service occurs when an emergency or other unforeseen condition threatens to impair or degrade the reliability of the transmission system. Curtailments will be made on a non-discriminatory basis to relieve the constraint.

All service is subject to curtailment and is subject to the following rules:

- a) Non-Firm Point-to-Point Transmission Service (confirmed reservations) will be curtailed before Firm Point-to-Point Transmission Service according to the following transmission cutting order:
  - 1<sup>st</sup> Secondary PTP: Last in first out (LIFO)
  - 2<sup>nd</sup> "Regular" Non-Firm: Shortest duration first, within duration LIFO
  - 3<sup>rd</sup> Network Secondary: LIFO
- b) Firm Transmission Service (confirmed reservations) are curtailed pro-rata with other Firm service requests after Non-Firm service is curtailed. Non-Firm transmission is always cut before Firm transmission.
- c) Idaho Power curtails transmission reservations based on usage and allows the interruption process to ensure transmission reservation priority is maintained.

### 14.1.2 Energy Curtailment

The following items, which are not necessarily all inclusive, can trigger energy curtailments:

- losses of internal generation;
- insufficient operating reserve, which includes coverage for interruptible energy imports;
- delivery of Idaho Power Company Contingency Reserve Obligation;
- requests from other Control Areas for Contingency Reserve Obligation; or
- transmission curtailment.

Should an energy curtailment result in negative ATC on the counterflow path, the transmission cutting order will be used to cut the transmission on the counterflow path including the related energy schedules. If Idaho Power Company is the Load Control Area or Generating Control Area and curtails energy, it will send out a Reliability Adjustment (Curtailment) eTag pursuant to industry rules.

### 14.1.3 Current Hour Curtailments

Real-time Schedulers will confirm via the eTag the energy curtailment including the MW change with the sending/receiving control area.

If a repeating energy schedule is curtailed across the hour (current hour to next hour) the integrated energy value will be calculated for both hours.

Example: A 100 MW schedule for HE 24 and HE 01 the next day is curtailed effective time 23:59 with a ramp duration of 20 minutes. The integrated energy values will be calculated for both HE 24 and HE 01.

### 14.1.4 Curtailing Losses

If a transmission energy schedule is curtailed and concurrent physical repayment of losses is occurring, the losses energy schedule will also be curtailed.

## 14.2 Economic Interruption

Valid, higher-priority reservations can interrupt lower-priority reservations at any time within the Transmission Scheduling Timelines. Idaho Power Company reserves the right to interrupt, in whole or in part.

For example:

Firm Point-to-Point Transmission Service can interrupt:

- Network Secondary Service;

- Non-Firm Service; and
- Secondary Non-Firm PTP Service.

Network Secondary Service can interrupt:

- Non-Firm Service; and
- Secondary Non-Firm PTP Service.

Non-Firm Point-to-Point Transmission Service can interrupt:

- Secondary Non-Firm PTP Service.

Economic interruptions can occur at any time within the Transmission Scheduling Timelines (refer to Section 8.4) and are performed in both Pre-schedule and Real-time. Idaho Power will not interrupt reservations after the applicable scheduling deadlines.

### **14.3 Credit for Outages/Curtailments**

NON-FIRM:

No credit will be provided for outages (either planned or forced) or curtailments occurring on either IPCO or non-IPCO facilities, which may impact transactions on a transmission path purchased from IPCO. No credit will be provided for schedule energy transfers due to loop flow.

FIRM:

Credit will be provided to customers for all curtailments occurring on a transmission path purchased from IPCO caused by forced outages.

No credit will be provided for planned maintenance outages on an IPCO purchased transmission path.

No credit will be provided for outages or curtailments occurring on non-IPCO facilities, which may impact transactions on a transmission path purchased from IPCO. No credit will be provided for schedule energy transfers due to loop flow.

#### **Version Control Information**

Version Number: 1

Effective Date: TBD

#### **Version History**

Version	Date	Description
1	8-7-2008	Remove the credit provision for outages for non-firm in 14.3.
0	7-13-2007	Initial Version Release