# Table of Contents


Section 1 : Respond to a deviation from supply offer parameter. ..... 4

Section 2 : Modify the availability status of a resource. ..... 6

Section 3 : Retrieve tomorrow's data ..... 9

Section 4 : Update a resource’s Auto Redec Update Threshold (%) or (Mw) Threshold ..... 10

Section 5 : Real Time High Operating Limit (RTHOL) or Economic Maximum (Eco Max) ..... 11

Section 6 : Economic Minimum (Eco Min) ..... 13

Section 7 : Emergency Minimum (Emerg Min) ..... 15

Section 8 : Combined Cycle Redeclaration ..... 16

Section 9 : Modify Self-Schedule flag ..... 19

# Procedure

**Condition(s) to perform this section:**

- **A resource is observed NOT operating within its supply offer parameters.**

## Section 1 : Respond to a deviation from supply offer parameter.

**Notes**

- The Limit tab in the RTU Messages OIS log can be used to help determine if a deviation from a supply offer parameter has occurred.
- Actions for deviations associated with DDGs are found in CROP.34013 Do Not Exceed Dispatchable Generation.

**Step 1.1** Primary Responsibility: Any Control Room Operator

**Contact the DE or DDE to compare supply offer parameters and observed performance to determine the reason for the deviation.**

**Step 1.2** Primary Responsibility: Any Control Room Operator

**Condition(s) to perform this step:**

- **The DE agrees there is an issue and redeclares a supply offer parameter.**

**Perform a redeclaration as requested by the DE using the applicable section of this procedure.**

**Step 1.3** Primary Responsibility: Any Control Room Operator

**Condition(s) to perform this step:**

- **The DE does NOT agree that there is an issue.**

**Notify the Senior System Operator and Operations Shift Supervisor**

**Step 1.3.1** Primary Responsibility: Senior System Operator

**Determine if a unilateral redeclaration is required.**

**Notes**

Unilateral redeclarations are performed to maintain reliability.

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**Step 1.3.2** Primary

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| | CROP.36002 Redeclarations |

**Condition(s) to perform this section:**

- **A generator or DARD has gone out-of-service unplanned; Or**
- **A resource is being placed back in-service; Or**
- **Directed to perform redeclaration I.A.W CROP.32001 Transmission Outages.**

## Section 2 : Modify the availability status of a resource.

**Notes**

- If a generator is being made available after tripping off-line use CROP.36003 Commitment, De-commitment, Self-Scheduling, and Self-Dispatch.
- Placing either the $ESD_{gen}$ or the $ESD_{DARD}$ out-of-service results in all components of the ESD (generator, DARD, and ATRR) going out-of-service.

### Step 2.1 Primary Responsibility: Any Control Room Operator

### Access the resource's Limits display.

### Step 2.2 Primary Responsibility: Any Control Room Operator

**Condition(s) to perform this step:**

- **Resource is out-of-service (OOS).**

### Change the UCM.

**Notes**

Attachment 1 - Unit Control Modes lists all of the UCMs and the when each should be utilized.

### Step 2.2.1 Primary Responsibility: Any Control Room Operator

### Place the resource OOS for the applicable hours.

**Instructions**

Modify out-of-service / unavailable status by either method:

For all remaining hours: click the "OOS/Unavail Remaining Hours"g b (g)5 (n)5tto9.8 (1)5 (a)-;TJ0 Tc 0 Tw[(H)3.096

**Notes**

- A generator is considered "OOS due to transmission" if the generator is fully unavailable as a direct result of an outage of transmission equipment between the high side of the GSU and the point of interconnection.
- Generators with Forward Reserve Market (FRM) obligations are exempt from Failure-to-Reserve-penalties resulting from the outage of transmission equipment between the high side of the GSU and the point of interconnection. Proper log entry selection ensures the appropriate settlement.
- Unplanned outages are covered under CROP.32002 Generation Outages.
- Intermittent resources that are requesting to go OOS due to a lack of fuel supply i.e. water, should remain in a UCM4 and redeclare their Eco Min to 0MW. This allows the resource to still receive a proper DNE target and operate to that value when their fuel source is replenished.

---

**Step 2.3** Primary Responsibility: Any Control Room Operator

**Condition(s) to perform this step:**

- **Resource will be out-of-service (OOS) beyond the current shift; Or**
- **DE/DDE has requested a new forced outage.**

**Perform CROP.32002 Generation outages "Forced Outage".**

---

**Step 2.4** Primary Responsibility: Any Control Room Operator

**Condition(s) to perform this step:**

- **A resource that was out-of-service is now available.**

**Change the UCM**

**Notes**

Attachment 1 - Unit Control Modes lists all of the UCMs and the when each should be utilized.

---

**Step 2.4.1** Primary Responsibility: Any Control Room Operator

**Restore the resource's operating limits.**

**Instructions**

If the resource has bid data for being available: click the "Return to Bid Remaining Hours" button.
If the non-ESD resource does **NOT**

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**Condition(s) to perform this section:**

**Step 5.5** Primary Responsibility: -(

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| | CROP.36002 Redeclarations |

**Step 8.2** Primary Responsibility: Any Control Room Operator

**Condition(s) to perform this step:**

- **Combined cycle generator is receiving DDPs below 2 x 1 configuration Eco Min value and DE requests permission to shut down a CT to follow DDP.**

**Place the generator in a UCM 3 while the station shuts down one CT and redeclare the ISO Imposed Eco Max to the 1 x 1 Eco Max value.**

**Notes**

The redec remains in place until one of the following conditions exist:

- The DE elects to restart a 2nd CT; Or
- ISO orders it back on for reliability

**Step 8.2.1** Primary Responsibility: Any Control Room Operator

**Enter a transitional ramp for the CT shut down in RTUC using CROP.35005 Dispatch using RTUC and UDS.**

**Step 8.2.2** Primary Responsibility: Any Control Room Operator

**Condition(s) to perform this step:**

- **Shut down of CT has completed and DE has made the generator dispatchable.**

**Place the generator in a UCM 4.**

**Step 8.3** Primary Responsibility: Any Control Room Operator

**Condition(s) to perform this step:**

- **DE requests to start up an off-line CT to meet bid in parameters.** ***Example: Bid in 1 x 1 Eco Min and Eco Max for HE 01 - 07 and 2 x 1 Eco Min and Eco Max for HE 08 - 24.***

**Place the generator in a UCM 3 for the start up of the off-line CT.**

**Step 8.3.1** Primary Responsibility: Any Control Room Operator

**Enter a**

**Step 8.4** Primary RespR8v Tw 9.7 ·

ISO-N.64 0.481 0.48 reTQTw hw 0.25:/6QTw h47 Tc 48 ref345 54.36 0.481 0.48 ref34

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**Condition(s) to perform this section:**

- **DE requests a Minimum Consumption redeclaration; Or**
- **Directed to perform redeclaration I.A.W CROP.32001 Transmission Outages**

## Section 17 : Minimum Consumption (Min Con) redeclaration

**Notes**

The Min Con for ESDs is automatically set at zero MW and it cannot be modified. The Min Con is required to be set at zero MW for ESDs since ESDs must be able to dispatch down to any value between zero and their Min Con.

/P <</MCID 48 >>BDC BT 0 0 1 72 720 Tm 0 0 Tf 7 Tz 0 Tc 0 Tw [(Section 17 : Minimum Consumption \(Min Con\) redeclaration)] TJ EMC
/P <</MCID 49 >>BDC BA6x9.7 (o)-4 ( P <</MCID 49 >>BDC BA6x9.7 (o)-4

| | |
|---|---|
| | CROP.36002 Redeclarations |

**Condition(s) to perform this section:**

- **A DRR threshold alarming value needs to be modified.**

## Section 21 : DRR Threshold Alarming modification

**Step 21.1** Primary Responsibility: Operations Shift Supervisor

**Access the DRR Limits display.**

**Step 21.2** Primary Responsibility: Operations Shift Supervisor

**Enter an updated value.**

**Notes**

- The Threshold Alarming parameters are global.
- The Unavailable (MW) is compared to SCC for alarming.

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# Revision History

| Rev. No. | Date (MM/DD/YY) | Reason | Contact |
|---|---|---|---|
| -- | 01/08/20 | For previous revision history, refer to Rev 22 available through Ask ISO | Steven Gould |
| 23 | 04/22/20 | Added Attachment 2 – Redeclaration Summary | Steven Gould |
| 24 | 04/28/20 | Deleted ESD auto redeclaration information which was moved to CROP.36005 | Steven Gould |
| 25 | 06/23/20 | Added Condition to Perform and Notes to Section 19 | Steven Gould |
| 26 | 11/17/20 | Added note to section 10 concerning ISO Imposed redecs on a radial generator. | Steven Gould |
| 27 | 04/28/21 | Modified Conditions to enter for Sections: 2, 5, 6, 7, 8, 10, 16 & 17. Modified Section 2. Added Step 5.6 | Steven Gould |
| 28 | 05/24/21 | | |

| UCM | Definition | Eligibility | Special Functions |
|---|---|---|---|
| 4 | Resource is on-line and dispatchable | Generator or DARD pump that is on-line and has released for dispatch. | |

$ESD_{gen}$ liieniDC 5179.4 64]TJ-0.001 Tc -1.3 Tw783C /P <</MCIDca 9.96 0b9.96