



# Load Resource providing RRS Group Selection and Deployment

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## 6.5.9.4.2 (2)(D)

ERCOT shall post a list of Load Resources on the MIS Certified Area immediately following the DRUC for each QSE with a Load Resource obligation which may be deployed to interrupt under paragraph (A), Group 1 and paragraph (B), Group 2. **ERCOT shall develop a process for determining which individual Load Resource to place in Group 1 and which to place in Group 2. ERCOT procedures shall select Group 1 and Group 2 based on a random sampling of individual Load Resources.** At ERCOT's discretion, ERCOT may deploy all Load Resources at any given time during EEA Level 2A; and

**One hour is randomly chosen by the program for every operating day.**

- 1. Program sorts the Load Resources based on the RRS schedule in COP in decreasing order**
- 2. Largest LR (MW) will be put into one group (picked randomly)**
- 3. Next largest LR will be placed to “other” group and this “other” group will be added to until the total MWs is greater than the total MWs in first group.**
- 4. Next largest LR is added to the first group until first group is greater than the total MWs in the “other” group....so on and so on until all LRs with RRS scheduled for that hour are allocated to either group 1 or group 2.**

# Example (Group Assignment)

	RRS Scheduled MW
LD1	8
LD2	7
LD3	3
LD4	20
LD5	34
LD6	9
LD7	15
LD8	11
LD9	22
LD10	7.5



	RRS Scheduled MW
LD5	34
LD9	22
LD4	20
LD7	15
LD8	11
LD6	9
LD1	8
LD10	7.5
LD2	7
LD3	3



	tot1 MW	Group1 List	Group2 List	tot2 MW
	34	LD5	LD9	22
			LD4	20
	49	LD7	LD8	11
	58	LD6	LD1	8
	66	LD10	LD2	7
	69	LD3		
				42
				53
				61
				68

**The two deployment groups are created using only that one randomly selected hour**

**Any LRs with RRS schedules that were not included in the “seed” hour are placed in Group1**

### **6.5.9.4.2 (2)(a)(ii)(A)**

QSEs shall deploy Load Resources according to the group designation **and will be given some discretion to deploy additional Load Resources from Group 2 if Load Resource operational considerations require such.**

### **6.5.9.4.2 (2)(a)(ii)(D)**

ERCOT shall post a list of Load Resources on the MIS Certified Area immediately **following the DRUC** for each QSE with a Load Resource obligation which may be deployed to interrupt under paragraph (A), Group 1 and paragraph (B), Group 2.

## 1. Resource specific XML deployment message to the Certified MIS Area

CM-ASM-NOTF AS\_TYPE: RRS, RES\_NAME: BIGLOAD\_LD5,  
DEPLOY\_MW: 1.0, BEGIN\_TIME: 2010-08-10 10:44:32, END\_TIME: 2010-08-10 11:00:00, DURATION: 0 Hrs 15 Mins

## 2. QSE Hotline call

## 3. Message to MIS Public

Deployment of Group 1 Load Resources	Emergency Notice	High	All MPs(Public)	At [hh:mm:z]ERCOT deployed Group 1 of Load Resources.
Deployment of Group 2 Load Resources	Emergency Notice	High	All MPs(Public)	At [hh:mm:z]ERCOT deployed Group 2 of Load Resources.
Deployment of Group 1 and 2 Load Resources	Emergency Notice	High	All MPs(Public)	At [hh:mm:z]ERCOT deployed Group 1 and 2 of Load Resources.

## 6.5.7.6.2.2 (8)

Once Responsive Reserve is deployed, the QSE's obligation to deliver Responsive Reserve remains in **effect until specifically instructed by ERCOT to stop providing Responsive Reserve.**

However, except in an Emergency Condition, the QSE's obligation to deliver Responsive Reserve may not exceed the period for which the service was committed.

## Test of Load Resource group assignments and deployment/recall under Emergency Conditions

- **Test Overview**

- Day 1 (8/24) – QSEs with Load Resources should submit AS Offers and AS self-schedules into the Day-Ahead Market on 8/24 for Operating Day 8/25.
  - QSEs should reflect DAM AS awards and self-schedules in their COP prior to DRUC (DRUC starts at 1430)
  - After DRUC, ERCOT will create Group 1 & Group 2 deployment stacks and they will be published to the MIS Certified Area



- **Test Overview (Cont')**
  - Day 2 (8/25) – Included below is a high-level outline of the test.
    - Conduct a hotline call to confirm with QSEs that it is only a test and **NO LOAD SHOULD BE DROPPED**
    - Start the test and send out resource specific deployment XML messages
    - Conduct the second Hotline call to initiate RRS deployment
    - Issue the VDI
    - XML messages will specify the start/end time and will be distributed each hour throughout the deployment

- **Other Test Details**

- Test will be run weekly beginning 8/24-8/25 for five consecutive weeks
- A full test script and a detailed schedule for Day 2 will be distributed to the QSEs participating the week prior to the test
- ERCOT will communicate the detailed results of each test starting during the 8/30 Real-Time Market Call