

**2.5.6.2 Communication Equipment.** Unless otherwise authorized by the ISO, all Scheduling Coordinators wishing to submit an Ancillary Service schedule or bid must have the capability to submit and receive information by direct computer link. In addition, they must be capable of receiving Dispatch instructions electronically and they must provide the ISO with a telephone number, or fax number ~~or other approved voice communication system such as direct line access~~ through which Dispatch instructions for each Generating Unit, System Unit, Load and System Resource may be given if necessary. The ISO will determine which method of communication is appropriate; provided that the ISO will consult with the Scheduling Coordinator, if time permits, and will consider the method of communication then utilized by such Scheduling Coordinator; provided further, that the ISO shall make the final determination as to the additional communication methods. Participating Generators, owners or operators of Loads and operators of System Units or System Resources whose resources are scheduled, bid in or under contract, shall ensure that there is a 24 hour personal point of contact with the ISO for the Generating Unit, System Unit, Load or System Resource. Participating Generators and operators of System Units providing Regulation shall also provide communication links meeting ISO standards for direct digital control. Operators of System Resources providing Regulation shall provide communications links meeting ISO standards for external imports of Regulation. If any communication system becomes unavailable, the relevant Participating Generators, operators of System Units, Loads and System Resources and the ISO shall take immediate action to identify the cause of the interruption and to restore the communication system. A Scheduling Coordinator, which has scheduled or bid in or contracted for Ancillary Services shall ensure that the Generating Unit, System Unit, Load or System Resource concerned is able to receive and implement Dispatch instructions.

\* \* \* \* \*

**2.5.22.10 Dispatch Instructions.** ~~Dispatch instructions shall include the following information:~~

- ~~(a) name of the Generating Unit, System Unit, Load or System Resource being dispatched;~~
- ~~(b) specific MW value to which the Generating Unit, System Unit, Load or System Resource is being dispatched;~~
- ~~(c) operating level and price point to which the Generating Unit, System Unit, Load or System Resource is being dispatched;~~

~~(d)time the Generating Unit, System Unit, Load or System Resource is required to achieve the Dispatch instruction;~~

~~(e)time of the Dispatch instruction; and~~

~~(f)any other information which the ISO considers relevant.~~

All Dispatch instructions except those for the Dispatch of Regulation (which will be communicated by direct digital control signals to Generating Units and, for System Resources, through dedicated communication links which satisfy the ISO's standards for external imports of Regulation) will be communicated electronically, except that, at the ISO's discretion, Dispatch instructions may be communicated by telephone, or fax, ~~at the ISO's discretion~~. Except in the case of deteriorating system conditions or emergency, and except for instructions for the Dispatch of Regulation, the ISO will send all Dispatch instructions to the Scheduling Coordinator for the Generating Unit, System Unit, Load or System Resource, which it wishes, to Dispatch. The recipient Scheduling Coordinator shall ensure that the Dispatch instruction is communicated immediately to the operator of the Generating Unit, System Unit, external import of System Resources or Load concerned. The ISO may, with the prior permission of the Scheduling Coordinator concerned, communicate with and give Dispatch instructions to the operators of Generating Units, System Units, external imports of System Resources and Loads directly without having to communicate through their appointed Scheduling Coordinator. The recipient of a Dispatch instruction shall confirm the Dispatch instruction ~~by repeating the Dispatch instruction to the ISO~~. The ISO shall record the communications between the ISO and Scheduling Coordinators relating to Dispatch instructions in a manner that permits ~~on tape all voice conversations, which occur on the Dispatch instruction communication equipment. These recordings may be used to~~ auditing of the Dispatch instructions, and often verify the response of Generating Units, System Units, external imports or System Resources and Loads to Dispatch instructions.

~~The Dispatch instruction and all information associated with it shall be logged and recorded by the ISO as soon as practical after issuing each instruction.~~ The ISO Protocols govern the content, issue, receipt, confirmation and recording of Dispatch instructions.

\* \* \* \* \*

## DP 4 METHODS OF COMMUNICATIONS

### DP 4.1 Methods of Transmitting Dispatch Instructions

#### DP 4.1.1 Full-Time Communications Facility Requirement

Each Participant must provide a communications facility manned twenty-four (24) hours a day, seven (7) days a week capable of receiving Dispatch Instructions issued by the ISO.

#### ~~DP 4.1.2 Communication via Telephone~~

~~The ISO will issue Dispatch Instructions by telephone.~~

### DP 4.2 Recording of Verbal Dispatch Instructions

#### ~~DP 4.2.1 Phone Lines~~

~~Each Participant must maintain a dedicated telephone line available twenty-four (24) hours a day every day of the year for immediate access by the ISO.~~

#### ~~DP 4.2.2 Voice Recording~~

The ISO shall maintain records of all electronic, fax and verbal communications related to a Dispatch instruction. The ISO shall maintain a paper or electronic copy of all Dispatch instructions delivered by fax and all Dispatch instructions delivered electronically. The ISO shall record all voice conversations that occur related to Dispatch instructions on the Dispatch instruction communication equipment. These records, copies and recordings may be used by the ISO to audit the Dispatch instruction, and to verify the response of the Participant concerned to the Dispatch instruction.

#### ~~DP 4.2.3 Logging~~

~~The Dispatch Instruction and all information associated with it shall be logged and recorded by the ISO as soon as practical after issuing each Dispatch Instruction.~~

\* \* \* \* \*

### DP 4.4 Acknowledgement of Dispatch Instructions

The recipient of a ~~verbal~~ Dispatch instruction shall confirm the Dispatch instruction ~~by repeating the Dispatch Instruction to the ISO. Dispatch instructions communicated by the ISO either electronically or by fax shall be confirmed electronically in accordance with ISO procedures. Dispatch instructions communicated verbally shall be confirmed by repeating the Dispatch instructions to the ISO.~~