Plant Data Communication Questionnaire

MP Contact: _____ Plant Name: _____

1. What kind of a signal are you getting?
    a. Basepoints
    b. Raise/Lower pulses
    c. Direct ISO communication
    d. Other – e.g. Internet communication

2. What is the frequency of the signal changes?
    a. Every 5 minutes   – Y / N
    b. Every 6 seconds   – Y / N
    c. Hourly schedules – Y / N

3. Are the updates regular and timely or do the basepoints seem to be updated sporadically or appear to be significantly delayed? (please explain a <u>No</u> answer)
    a. Every 5 minutes   – Y / N   _____
    b. Every 6 seconds   – Y / N   _____
    c. Hourly schedules – Y / N   _____

4. Are dispatch signals consistent with plant capability – e.g.ramp rates?
    a. Yes
    b. No _____

5. How are the basepoints interpreted by a plant operator?
    a. 5 minute = 5 minute ramp capability only, not an accumulated economic value.
    b. 6 second = either regulating basepoint or ramped portion of 5 minute basepoint

6. How does the unit respond to basepoints?
    a. Automatic
    b. Manual

7. If <u>Manual</u>:
    a. What are your considerations in responding? _____
        _____
        _____

    b. What physical plant characteristics determine if and when the unit will move to a new 5 minute basepoint when it is received? _____
        _____
        _____

    c. Under what circumstances would the unit not move? _____
        _____
        _____
        _____

8. What problems do you see and what improvements would you recommend in ISO-TO-Generator communication to improve operation?

    _____
    _____
    _____
    _____
    _____
    _____
    _____
    _____
    _____
    _____
    _____
    _____
    _____

9. Who bids the unit in on a day-ahead and real-time basis and how tied in are plant operators to the day-to-day bidding of the unit?

    _____
    _____
    _____
    _____
    _____

10. Would you be able to provide a sampling of data showing the basepoints you received and when for a recent period of time when the unit was on-dispatch (perhaps an hours worth of basepoints and timestamps)? If you feel you have been sent inaccurate or late basepoint information in the past and are aware of a particular time period that is suspect, this would be particularly useful so that we can run a comparison with our historical logs to confirm the problem and investigate a solution.

    If Yes, please describe what data you would like to provide, the format for sending it (electronic or hardcopy) and an estimate of when it would be available.

    _____
    _____
    _____
    _____
    _____
    _____
    _____
    _____

11. NYISO staff would like to do a real-time check of the basepoints you are receiving against those that we are sending out from the ISO, by contacting the NYISO generator operator over the phone while we are here.

    Note: A data form to assist with this is provided on the following page

Date: _____

NYISO Staff Person: _____

Plant Name: _____

MP Contact Person: _____

Sample #	Plant		NYISO	
	Timestamp	Basepoint	SCD Basepoint	Economic Basepoint
1				
2				
3				
4				
5				
6				
7				
8				
9				
10				
11				
12				
13				
14				
15				
16				
17				
18				
19				
20				