

Unit Configuration Feedback Over ICCP and DNP

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- The unit will send configuration status back to PJM over the ICCP and DNP protocol using two data objects (CONFIG and TRANS).
- CONFIG – would be a an integer from 0 to the number of configurations the unit has bid into the market. One number for each configuration.
- TRANS – would be an integer of either 0 or 1 and would indicate if the unit was transitioning between configuration(1) or at the desired configuration(0).

In this example the unit would be going from off line to a 1x1, then to a 2x1, then to a 3X1 configuration:

Data Table	Off Line	Transition to Configuration 1	Configuration 1	Transition to Configuration 2	Configuration 2	Transition to Configuration 3	Configuration 3
Configuration			1X1		2X1		3X1
CONFIG	0	1	1	2	2	3	3
TRANS	0	(not used)	0	1	0	1	0

In this example the unit would be going from off line to a 1x1, then to a 3X1 configuration and then back off line:

Data Table	Off Line	Transition to Configuration 1	Configuration 1	Transition to Configuration 3	Configuration 3	Transition to Off Line	Off Line
Configuration			1X1		3X1		
CONFIG	0	1	1	3	3	0	0
TRANS	0	(not used)	0	1	0	(not used)	0