Changes from first draft are shown in italics, based on comments from the group

How to use this Matrix:

To the best of your ability fill in the white boxes below. If there are multiple programs or product names or triggers within a Class of DR Resource, please include their names in Column C and the trigger actions as appropriate in column D. If there are different M&V requirements within a Class of DR Resource include them separted by a notation as to which product name it applies. There is no limit to the amount of information you add for each box.(this should occur rarely)

This Section in below in Blue is meant to clarify and focus the M&V content to be filled in below

	Qualification/ testing/ auditing	Data reporting-frequency and monitoring	Meter and equipment standards	Performance/ baseline	Statistical sampling of non-interval metered loads
Objective	To ensure that the DR resources are capable of performing, thereby delivering the product(s) being pruchased.	To ensure adequate information to measure DR performance, accurate settlement and real-time operating data as appropriate.	To ensure appropriate granularity (frequency of data collection), frequency of data communication, accuracy and validity of data.	Toensure the methodologies and techniques used to calculate load response and/or recovery produce results that are within the required error tolerances (i.e., +/- X%).	To ensure that the methodologies and techniques used to calculate load response and/or recovery create a statistically valid that use alternative to interval metering for measuring DR performance or aggregations of loads, produce results that are statistically valid.
Frequency	Prior to participation in market, and ongoing.	Ongoing and/or event-driven.	Ongoing or event-driven.	Ongoing or event-driven.	Ongoing or event-driven.
Description	Up front process to verify adequate infrastructure (measurement & data recording and communication equipment and datavalidation procedures) in place. May include on-site inspections, data transfers, actual load reduction test to verify that the resource is able to deliver the committed reductions. Process & procedures for disqualification.	Requirements around transmittal of meter and/or telemetry data to ISO/RTO and market. Includes validation, editing & estimation (VEE). *If reporting for a particular product is differentiated by what it is used for, e.g. operations, planning or settlement only.*	Requirements for meter accuracy, calibration, precision & testing *and frequency of above.*	Method(s) and techniques used to calculate the DR resource's expected load absent the DR instruction or request. Load response is the difference between its actual metered load and the calculated baseline. *How is the baseline calculated.*	Methodology for creating a statistically valid alternative to universal interval metering, to include precision & accuracy requirements, sample size and selection requirements and bias control.

Class of DR Resources	**Product Type**	**IRC/NERC Category (Ancillary Services, Capacity, Energy Voluntary, Energy Price**	***ISO/RTO Program or Product Name***	***When is Product expected to perform - Trigger events***	**Qualification/ testing/ auditing**	**Data reporting-frequency and monitoring**	**Meter and equipment standards**	**Performance/ baseline**	**Statistical sampling of non-interval metered loads**
Capacity									
Ancillary Services									
Energy Price									
Energy Voluntary									
			Explanation	***Explanation***					
			Each ISO/RTO calls their products and programs different things. In order to track and define similarities and then translate that back to each ISO/RTO this field should include the program or product name	*Each ISO/RTO program or product has unique trigger events their products and programs different things. In order to track and define similarities and then translate that back to each ISO/RTO this field should include the trigger action for the program or product.*					