

# DR Hub Update

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Demand Response Subcommittee  
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- New Location and CBL Review enhancements:
  - Adopted from the DERS stakeholder process and targeted at DER/BtMG used for DR activity
  - Manual 11: The CSP will indicate if the generator is interconnected to allow injections onto the transmission and distribution system
- Web Services: new XSD Release Notes posted [here](#).
  - **Location creation or modification using Web Services must use the new XSD if you have a generator or battery on a location**
- Release Dates:
  - Train - April 16 - completed
  - **Prod – May 21, 2019** (after deadline for new Load Management registrations)

- Generators
  - Agreement Type: Required, values are “None”, “WMPA (wholesale)”, “ISA (wholesale)”, “NEM/Purpa/Other”
  - Injection Rights (MW): Required if Agreement Type is WMPA or ISA
- Batteries
  - Agreement Type: Required, values are “None”, “WMPA (wholesale)”, “ISA (wholesale)”, “NEM/Purpa/Other”
  - Injection Rights (MW): Required if Agreement Type is WMPA or ISA

- WMPA - Wholesale Market Participation Agreement
- ISA: Interconnection Service Agreement
- NEM – Net Energy Metering
- Purpa - Public Utilities Regulatory Policies Act

Generator Attributes

Actions	ID	Name	Non-Retail BTMG	Max Output (kW)	Nameplate (kW)	Backup Generator Only	Generator Type	Fuel Type	Vintage	Retrofit Year	Permit Status	Permit Type	Note	Agreement Type	Injection Rights (MW)
	72817	My favorite generator	No	1500		Yes	Combustion Turbines	Diesel	2012		Available	Non Emergency	No	None	N/A
	72818	not my favorite	No	2000	2500	No	Internal Combustion Engine	Oil	2017		Available	Non Emergency	No	NEM/Purpa/Other	N/A

Add Generator Hide Generator Details

**Update Generator**

ID:

Name:

Non-Retail BTMG:

Max Output (kW):

Nameplate (kW):

Backup Generator Only:

Generator Type:

Fuel Type:

Vintage:



Retrofit Year:

Permit Status:

Permit Type:

Agreement Type:  Injection Rights (MW) (Required for ISA and WMPA)

Note:

Battery Attributes									
Actions	ID	Max Output (kW)	Battery Capacity (kW 1C)	Vintage	Chemistry	Type	Note	Agreement Type	Injection Rights (MW)
 	242	4500					No	WMPA (wholesale)	500

**Update Battery** [X]

ID:

Max Output (kW) \*:

Battery Capacity (kW 1C):

Vintage:

Chemistry:

Type:

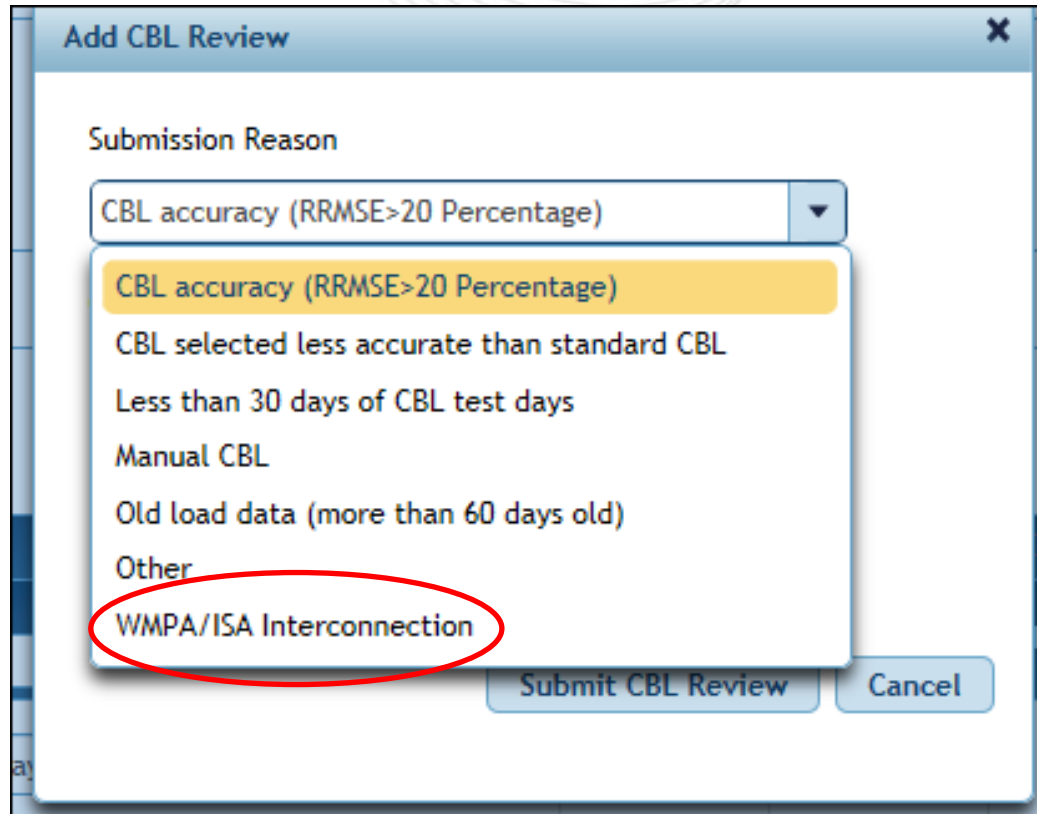
Agreement Type \*:  Injection Rights (MW) (Required for ISA and WMPA):

Note:

500 characters remaining

- CBL Review enhancement for **Economic registrations only**
  - Registrations with a location with Type of Agreement = WMPA or ISA must submit a CBL Review with WMPA/ISA Interconnection reason before you may submit the registration for EDC/LSE review
  - DR Ops will contact you to discuss the Interconnection Agreement

The screenshot shows a web interface for CBL Test. At the top left, there is a 'CBL Test' button circled in red. Below it, a dropdown menu shows 'CBL Method' set to '3 Day Types with SAA (DEFAULT)'. To the right, there are four buttons: '+ Submit CBL Review' (circled in red), '+ Submit CBL Test', 'Add CBL Test', and 'Upload Meter Data'. Below these is a table with columns for 'Basis Window' and 'RRMSE'. The table has a header row with columns: Action, Report Type, Start Date, End Date, Start Hour, End Hour, CBL Method, Date Run, Score (%), Result, # of Days, Run status, Summary, and Submitted by. A single row is visible with Report Type 'RRMSE', Start Hour '14', End Hour '19', and CBL Method '3 Day Types with SAA (DEFAULT)'. At the bottom, there is a pagination bar showing 'Records Per Page: 10' and '(1 of 1)'. Below the pagination bar, it says '1 record(s)'.



The image shows a software dialog box titled "Add CBL Review". It features a "Submission Reason" dropdown menu with a list of options. The option "WMPA/ISA Interconnection" is circled in red. At the bottom of the dialog are "Submit CBL Review" and "Cancel" buttons.

Submission Reason

- CBL accuracy (RRMSE>20 Percentage)
- CBL accuracy (RRMSE>20 Percentage)
- CBL selected less accurate than standard CBL
- Less than 30 days of CBL test days
- Manual CBL
- Old load data (more than 60 days old)
- Other
- WMPA/ISA Interconnection

Submit CBL Review Cancel



- <!-- Added : element **agreementType** which supports Generator Info -->
- <!-- Added : element **injectionRight** which supports Generator Info -->
- <!-- Added : type **generatorAgreementTypeEnum** enum for Generator / Battery Agreement Type -->
  
- <xs:complexType name="**generator**">
- <xs:sequence>
- <xs:element name="id" type="xs:long" minOccurs="0"/>
- <xs:element name="name" type="xs:string" minOccurs="0"/>
- <xs:element name="nonRetailBtmg" type="xs:boolean" minOccurs="0"/>
- <xs:element name="maxOutput" type="xs:double" minOccurs="0"/>
- <xs:element name="nameplate" type="xs:double" minOccurs="0"/>
- <xs:element name="backupGeneratorOnly" type="xs:boolean" minOccurs="0"/>
- <xs:element name="generatorType" type="xs:string" minOccurs="0"/>
- <xs:element name="fuelType" type="xs:string" minOccurs="0"/>
- <xs:element name="vintage" type="xs:long" minOccurs="0"/>
- <xs:element name="retrofitYear" type="xs:long" minOccurs="0"/>
- <xs:element name="permitStatus" type="tns:generatorPermitStatusEnum" minOccurs="0"/>
- <xs:element name="permitType" type="tns:generatorPermitTypeEnum" minOccurs="0"/>
- <xs:element name="**agreementType**" type="**tns:generatorAgreementTypeEnum**" minOccurs="0"/>
- <xs:element name="**injectionRight**" type="xs:double" minOccurs="0"/>
- <xs:element name="note" type="xs:string" minOccurs="0"/>
- </xs:sequence>
- </xs:complexType>

- <!-- Added : element **agreementType** type which supports Battery Info -->
- <!-- Added : element **injectionRight** type which supports Battery Info -->
- <xs:complexType name="**battery**">
- <xs:sequence>
- <xs:element name="id" type="xs:long" minOccurs="0"/>
- <xs:element name="maxOutput" type="xs:double" minOccurs="0"/>
- <xs:element name="capacity" type="xs:double" minOccurs="0"/>
- <xs:element name="vintage" type="xs:long" minOccurs="0"/>
- <xs:element name="chemistry" type="tns:batteryChemistryType" minOccurs="0"/>
- <xs:element name="type" type="tns:batteryType" minOccurs="0"/>
- <xs:element name="**agreementType**" type="**tns:generatorAgreementTypeEnum**" minOccurs="0"/>
- <xs:element name="**injectionRight**" type="**xs:double**" minOccurs="0"/>
- <xs:element name="note" type="xs:string" minOccurs="0"/>
- </xs:sequence>
- </xs:complexType>
- <xs:simpleType name="**generatorAgreementTypeEnum**">
- <xs:restriction base="**xs:string**">
- <xs:enumeration value="**ISA**"/>
- <xs:enumeration value="**NEM\_OTHER**"/>
- <xs:enumeration value="**NONE**"/>
- <xs:enumeration value="**WMPA**"/>
- </xs:restriction>
- </xs:simpleType>