



**WECC**

**WREGIS Interim Operating Rules Changes**

Electric Reliability and Security for the West

<b>PCR/PIR # and Title</b>	<b>WREGIS Committee Approval Date</b>
PCR 241 – Update Incremental Hydro Definitions in WREGIS Software, Operating Rules	pre-authorized 03/16/2018



**WREGIS Project - Change Control**

*Items in blue are for office use only.*

<b>Change Request Form</b>			
<b>Project Request ID:</b> PCR 241 <b>Status:</b> Open	<b>Requested by:</b> WREGIS <b>Organization:</b> WREGIS	<b>Type of Change:</b> Software Update, Operating Rules	<b>Date Requested:</b> 6/19/2018 <b>Target Date:</b>  <b>Priority:</b>
<b>Title:</b> Incremental Hydro Definition Updates in WREGIS Software and Operating Rules			
<b>Description:</b> During the WREGIS Committee meeting held on March 16, 2018, multiple state programs determined that the Incremental Hydro fuel type definitions in the WREGIS Software and Operating Rules required updates. An Incremental Hydro Definition Task Force, comprised of representatives from the California, Oregon and Washington state programs, drafted new/updated definitions.  The definitions must first be updated in the WREGIS Software. Once completed, WREGIS will update the definitions in the Operating Rules.			
<b>APX Response:</b> This change will require APX to add and update reference data for these fuel type attributes, and to test the new attributes. No code changes are anticipated.			
<b>Reason for Change:</b> Incremental Hydro fuel type definitions are out of date and not compliant with state program guidebooks.			
<b>Consequences of Not Implementing Change:</b>			
<b>Estimate for Scheduled Release:</b>			
<b>Cost Impact:</b> Minor work for configuration and testing.			
<b>Total Cost Estimate:</b> Costs are small and APX will perform the work as routine management/configuration.			
<b>Risk &amp; Issues Involved:</b> Minimal			
<b>External Impacts:</b> Users will have access to new Fuel Type Attributes. Existing Fuel type attributes will have updated definitions.			



---

## WREGIS Project - Change Control

### Attachments/References:

See attached draft definitions for the WREGIS Software and Operating Rules.

### *Approvals*

APX: Adam Barrett

Date: August 7, 2018

WREGIS:

Date:

**Notes:** PCR 241 and its requested changes were pre-approved by the WREGIS Committee on 3/16/2018.

Fuel Type	Fuel Source	Other Eligible Criteria
Incremental Efficiency – Hydroelectric Water	Incremental Efficiency – Hydroelectric Water	Hydroelectric Water generated from the installation of a supplemental process and/or equipment to alter and/or add to the processes of an existing operation to generate electricity from a renewable energy source.
		Used in conjunction with Hydroelectric Water for additional eligibility and when more than the State of California need to use Incremental/Efficiency – Hydroelectric Water. Hydroelectric Water generated from the installation of eligible efficiency improvements to an existing hydroelectric generation facility. Efficiency improvements are limited to additions that make more efficient use of the existing water resource and improve the efficiency of equipment. Efficiency improvements do not include routine maintenance (California RPS).
		Incremental electricity attributable to efficiency upgrades made on or after January 1, 1995, at a hydroelectric facility that became operational before January 1, 1995 (Oregon RPS).
		Incremental electricity produced as a result of efficiency improvements completed after March 31, 1999, to a hydroelectric generation project owned by a qualifying utility and located in the Pacific Northwest where the additional generation

		does not result in a new water diversion or impoundment (Washington RPS).
Incremental Efficiency – Hydroelectric Water – Oregon	Incremental Efficiency – Hydroelectric Water – Oregon	Used to identify incremental hydroelectric generation that is eligible in Oregon and ineligible in other states. Electricity from a hydroelectric facility that became operational before January 1, 1995, may be used to comply with a renewable portfolio standard if the electricity is attributable to efficiency upgrades made on or after January 1, 1995 (Oregon RPS).
Incremental Efficiency – Hydroelectric Water – Washington	Incremental Efficiency – Hydroelectric Water – Washington	Used to identify incremental hydroelectric generation that is eligible in Washington and ineligible in other states. Incremental electricity produced as a result of efficiency improvements completed after March 31, 1999, to a hydroelectric generation project owned by a qualifying utility and located in the Pacific Northwest where the additional generation does not result in a new water diversion or impoundment (Washington RPS).