US Interconnections: Weighted Energy incl value of capacity

							PUB - MFR 13
rudy	PCOSS06	PCOSS06 Note 1	PCOSS08	PCOSS10 Note 2	PCOSS13	PCOSS14	PCOSS14
RSION	Recommended Methodology	Response Order 117/06	Response to Order 116/08		With Methodology Changes		Amended
TE	September 2005	April 12, 2007	Mar 3, 2009	Nov 30, 2009	July 2012	June 2013	December 2015
SCRIPTION	MH's recommended method which reflects recommendations from NERA report	Reflects Order 117/06	Reflects Orders 116/08 and 117/06	Reflects 116/08 with modifications	Reflects recommendations from 2012 Christensen and Associates review of COS methodology	'Reflects recommendations from 2012 Christensen and Associates' review of COS methodology	Reflects recommendations from 2015 Christensen and Associate Supplemental review, discussions at 2014 Stakeholder sessions, further reconsideration by MH
ORT CLASS							
xport Differentiation	Recognizes cost differences of export sales and differentiates between Dependable and Opportunity exports	Does not recognize cost distinction between export sales types	Does not recognize cost distinction between export sales types	Does not recognize cost distinction between export sales types	Recognizes cost differences of export sales and differentiates between Dependable and Opportunity exports	Recognizes cost differences of export sales and differentiates between Dependable and Opportunity exports	en Recognizes cost differences of export sales and differentiates be Dependable and Opportunity exports
Export Assumptions	45% of Power Purchases and Brandon Thermal assumed to serve Opportunity, unserved Opportunity receive Water Rentals only Dependable served from Generation Pool	•Exports not served by DSM, Power Purchases or Thermal are served out of the Generation Pool	Exports not served by Power Purchases or Thermal are served out of the Generation Pool DSM energy savings not assumed to serve export load, instead are added to domestic load	•Exports not served by Power Purchases/Wind or Brandon GS are served from Generation Pool	Opportunity not served by Power Purchases (excl wind), attract Water Rentals and Variable Hydraulic O&M only Dependable served from Generation Pool	Opportunity not served by Power Purchases (excl wind), attract Water Rentals and Variable Hydraulic O&M only Dependable served from Generation Pool	Domestic, Dependable and Opportunity exports share Power Purchases (excl Wind), Water Rental Fees and Variable Hydraulis Dependable served from Generation Pool
asis of Export Revenue	As forecast in IFF	As forecast in IFF	Recalculated to use most recent actual prices	As forecast in IFF	As forecast in IFF	As forecast in IFF	As forecast in IFF
PORT COST ASSIGNMENT							
DSM Costs	Domestic Direct (based on class participation)	Exports (w/energy reduction)	Export Direct (no energy reduction)	Domestic Direct (based on class participation)	Domestic Direct (based on class participation)	Domestic Direct (based on class participation)	Domestic Direct (based on class participation)
Affordable Energy Fund (AEF) Expenditures	n/a	Export Direct	Export Direct	Export Direct	Export Direct	Export Direct	Export Direct
rading Desk	Domestic/Depend Export Pool	Export Direct	Export Direct	42% Export Direct 58% Domestic Pool	42% Export Direct 58% Domestic Pool	42% Export Direct 58% Domestic Pool	Domestic/Export Pool
Purchased Power & Transmission (excl wind)	45% Opportunity Export Direct 55% Domestic/Depend Export Pool	Export Direct	Export Direct	Export Direct	Opportunity Export Direct	Opportunity Export Direct	Domestic/Export Pool
/IISO Fees	45% Opportunity Export Direct 55% Domestic/Depend Export Pool	Export Direct	Export Direct	42% Export Direct 58% Domestic Pool	42% Export Direct 58% Domestic Pool	42% Export Direct 58% Domestic Pool	Domestic/Export Pool
Water Rentals & Variable Hydraulic O&M	Unserved Opportunity Direct Remaining Costs: Domestic/Depend Export Pool	Domestic/Unserved Export Pool	Domestic/Unserved Export Pool	Domestic/Unserved Export Pool	Unserved Opportunity Direct	Unserved Opportunity Direct	Domestic/Export Pool
Wind Purchases	45% Opportunity Export Direct 55% Domestic/Depend Export Pool	Export Direct	Export Direct	Export Direct	Remaining Costs: Domestic/Depend Export Pool Domestic/Depend Export Pool	Remaining Costs: Domestic/Depend Export Pool Domestic/Depend Export Pool	Domestic/Depend Export Pool
Selkirk GS Fuel	Domestic/Depend Export Pool	Export Direct	Export Direct	Domestic Pool	Domestic/Depend Export Pool	Domestic/Depend Export Pool	Domestic/Depend Export Pool
elkirk GS All Other	Domestic/Depend Export Pool	Domestic/Unserved Export Pool	50% Export Direct 50% Domestic Pool	Domestic Pool	Domestic/Depend Export Pool	Domestic/Depend Export Pool	Domestic/Depend Export Pool
Brandon CT Fuel	45% Opportunity Export Direct 55% Domestic/Depend Export Pool	Export Direct	Export Direct	Domestic Pool	Domestic/Depend Export Pool	Domestic/Depend Export Pool	Domestic/Depend Export Pool
randon CT All Other	Domestic/Depend Export Pool	Domestic/Unserved Export Pool	50% Export Direct 50% Domestic Pool	Domestic Pool	Domestic/Depend Export Pool	Domestic/Depend Export Pool	Domestic/Depend Export Pool
randon GS Fuel	45% Opportunity Export Direct	Export Direct	Export Direct	Export Direct (also incl Variable O&M costs)	Domestic Pool	Domestic Pool	Domestic/Depend Export Pool
Brandon GS All Other	55% Domestic/Depend Export Pool Domestic/Depend Export Pool	Domestic/Unserved Export Pool	50% Export Direct	Domestic Pool	Domestic Pool	Domestic Pool	Domestic/Depend Export Pool
Balance of Generation Costs	Domestic/Depend Export Pool	Domestic/Unserved Export Pool	50% Domestic Pool Domestic/Unserved Export Pool	Domestic/Unserved Export Pool	Domestic/Depend Export Pool	Domestic/Depend Export Pool	Domestic/Depend Export Pool
alance of Transmission Costs	Domestic/Depend Export Pool	Domestic/Export Pool	Domestic/Export Pool	Domestic/Export Pool	Domestic/Depend Export Pool	Domestic/Depend Export Pool	Domestic/Depend Export Pool
NERATION AND TRANSMISSION				1	1		
eneration Allocator	4 period marginal cost Weighted Energy (CRP Credit on 2CP Demand)	12 period marginal cost Weighted Energy	12 period marginal cost Weighted Energy	12 period marginal cost Weighted Energy	12 period marginal cost Weighted Energy	12 period marginal cost Weighted Energy	12 period marginal cost Weighted Energy incl value of capa
orsey Converter Facilities Functionalization	100% Transmission	100% Transmission	100% Transmission	100% Transmission	100% Transmission	100% Transmission	100% Generation
tadial Transmission Functionalization	Transmission lines not eligible for the OATT, including radial transmission, functionalized as Subtransmission	Transmission lines not eligible for the OATT, including radial transmission, functionalized as Subtransmission	Transmission lines not eligible for the OATT, including radial transmission, functionalized as Subtransmission	Transmission lines not eligible for the OATT, including radial transmission, functionalized as Subtransmission	Transmission lines not eligible for the OATT, including radial transmission, functionalized as Subtransmission	Transmission lines not eligible for the OATT formerly in Subtransmission, functionalized as Non Tariffable Transmission	Transmission lines not eligible for the OATT formerly in Subtransmission, functionalized as Non Tariffable Transmission

All Interconnections: 2CP Demand

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All Interconnections: 2CP Demand

Cost Assignment:
Domestic Direct
Domestic Pool
Domestic/Depend Export Pool
Domestic/Export Pool
Export Direct
Opportunity Export Direct Costs directly assigned to domestic classes
Costs allocated between domestic classes
Costs allocated between domestic and all dependable exports
Costs allocated between domestic classes and all exports
Costs directly assigned to exports
Costs directly assigned to Opportunity exports

Defintions:

Unserved Opportunity or Unserved Export: Residual Export load that has not already been deemed served by direct assignment of DSM, water rentals, thermal fuel or power purchases Remaining Costs: Residual costs that remain to be allocated, after the initial direct assignment of Water Rentals to Opportunity Exports

All Interconnections: 2CP Demand

Notes on Other PCOSS Not Included in Chart:
PCOSS08 (July 2007) was prepared using same methodology as PCOSS06 Response to Order 117/06
PCOSS11 (May 25, 2010) was prepared using same methodology as PCOSS10, with the modification to allocate Brandon GS Fuel to domestic classes