

SD_FCMCHARGES – Forward Capacity Market Charges Detail Report – Rev 0 SD_FCMCHARGES _<market service>_<customer id>_<settlement date>_<version>.CSV <Customer> Date: mm/dd/yyyy and Version: mm/dd/yyyy hh:mm:ss GMT Availability: Monthly, shortly after the start of the obligation month.	
REPORT COLUMN	DESCRIPTION
Pool	
Pool Zonal Capacity Obligation	Pool Zonal Capacity Obligation
Pool Capacity Load Obligation	Pool Capacity Load Obligation
Pool FCA Capacity Load Obligation Charge	FCA capacity load obligation charges in the control area
Pool IPR Capacity Load Obligation Charge Adjustment	Intermittent power resources charge adjustments in the control area
Pool Total Annual Reconfiguration Auction Capacity Load Obligation Charge	Total ARA 1, ARA 2, and ARA 3 capacity load obligation charges in the control area
Pool Monthly Reconfiguration Auction Capacity Load Obligation Charge	MRA capacity load obligation charges in the control area
Pool Multi-Year Rate Election Capacity Load Obligation Charge Adjustment	Multi-year rate election capacity load obligation charge adjustments in the control area
Pool Specifically Allocated CTR PPU Capacity Load Obligation Charge	Specifically allocated CTR PPU capacity load obligation charges in the control area
Pool Specifically Allocated CTR TU Capacity Load Obligation Charge	Specifically allocated CTR TU capacity load obligation charges in the control area
Pool Self-Supply Capacity Load Obligation Charge Adjustment	Self-supply capacity load obligation charge adjustments in the control area
HQICC Capacity Load Obligation Charge	Hydro-Quebec Interconnection Capability Credits capacity load obligation charge
Pool Total Monthly Capacity Load Obligation Charge	Monthly total Capacity Load Obligation charges in the control area
FCA Charge	
Capacity Zone ID	Capacity Zone ID
Capacity Zone Name	Capacity Zone Name
Zonal Capacity Obligation	Zonal Capacity Obligation ¹
Capacity Clearing Price	FCA Capacity Clearing Price in the capacity zone
FCA Costs	FCA Costs in the capacity zone as determined by clearing of the FCA, the 2 nd clearing of the FCA, and clearing of the substitution auction
FCA Zonal Peak Load Allocator	Zonal Capacity Obligation \times Capacity Clearing Price \times 1000
FCA Allocated Costs	$\frac{\text{SUM}(\text{FCA Costs}) \times \text{FCA Zonal Peak Load Allocator}}{\text{SUM}(\text{FCA Zonal Peak Load Allocator})}$ <p>Where SUM is for all capacity zones</p>

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REPORT COLUMN	DESCRIPTION
FCA Charge Rate	$(-1) \times \text{FCA Allocated Costs} / \text{Zonal Capacity Obligation} / 1000$
Capacity Load Obligation	Zonal Capacity Obligation + Designated Self-Supply + HQICC
FCA Monthly Capacity Load Obligation Charge	Capacity Load Obligation \times FCA Charge Rate \times 1000
IPR Charge Adjustment	
Capacity Zone ID	Capacity Zone ID
Capacity Zone Name	Capacity Zone Name
Zonal Capacity Obligation	Zonal Capacity Obligation ¹
IPR Seasonal Variance	The difference between the FCA payment for intermittent power resources in the obligation month and the June FCA payments for intermittent power resource (in the same commitment period) for the capacity zone Determined by clearing of the FCA, the 2 nd clearing of the FCA, and clearing of the substitution auction Calculated October through May
IPR Charge Adjustment Rate	$(-1) \times \text{SUM}(\text{IPR Seasonal Variance}) / \text{Pool Zonal Capacity Obligation} / 1000$ Where SUM is for all capacity zones
Capacity Load Obligation	Zonal Capacity Obligation + Designated Self-Supply + HQICC
IPR Monthly Capacity Load Obligation Charge Adjustment	Capacity Load Obligation \times IPR Charge Adjustment Rate \times 1000
ARA Charge	
Capacity Zone ID	Capacity Zone ID
Capacity Zone Name	Capacity Zone Name
Zonal Capacity Obligation	Zonal Capacity Obligation ¹
ARA Number	Appropriate values are: <ul style="list-style-type: none"> • ARA1 • ARA2 • ARA3
Clearing Price	Annual reconfiguration auction clearing price for the ARA and capacity zone
ARA Costs	Net annual reconfiguration auction credit or charge for the ARA and capacity zone
ARA Zonal Peak Load Allocator	Zonal Capacity Obligation \times ARA Clearing Price \times 1000

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REPORT COLUMN	DESCRIPTION
ARA Allocated Costs	$SUM(ARA\ Costs) \times ARA\ Zonal\ Peak\ Load\ Allocator / SUM(ARA\ Zonal\ Peak\ Load\ Allocator)$ Where SUM is for all capacity zones
ARA Charge Rate	$(-1) \times ARA\ Allocated\ Costs / Zonal\ Capacity\ Obligation / 1000$
Capacity Load Obligation	Zonal Capacity Obligation + Designated Self-Supply + HQICC
ARA Monthly Capacity Load Obligation Charge	$Capacity\ Load\ Obligation \times ARA\ Charge\ Rate \times 1000$
MRA Charge	
Capacity Zone ID	Capacity Zone ID
Capacity Zone Name	Capacity Zone Name
Zonal Capacity Obligation	Zonal Capacity Obligation ¹
Monthly Reconfiguration Auction Costs	Net monthly reconfiguration auction credit or charge in the capacity zone
Monthly Reconfiguration Auction Charge Rate	$(-1) \times SUM(Monthly\ Reconfiguration\ Auction\ Costs) / Pool\ Zonal\ Capacity\ Obligation / 1000$ Where SUM is for all capacity zones
Capacity Load Obligation	Zonal Capacity Obligation + Designated Self-Supply + HQICC
Monthly Reconfiguration Auction Monthly Capacity Load Obligation Charge	$Capacity\ Load\ Obligation \times Monthly\ Reconfiguration\ Auction\ Charge\ Rate \times 1000$
MRECO Charge Adjustment	
Capacity Zone ID	Capacity Zone ID
Capacity Zone Name	Capacity Zone Name
Zonal Capacity Obligation	Zonal Capacity Obligation ¹
Pre-FCA 13 Multi-Year Rate Election Costs	MRECO costs incurred in all base capacity commitment periods beginning prior to June 1, 2022 in the capacity zone. MRECO Costs are determined by the difference between the current credits for a MRECO resource and the base year credits for a MRECO Resource. Costs are allocated to current capacity zone
Post-FCA 12 Multi-Year Rate Election Costs	MRECO costs incurred in all base capacity commitment periods beginning on or after June 1, 2022 in the capacity zone. MRECO Costs are determined by the difference between the current credits for a MRECO resource and the base year credits for a MRECO Resource

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REPORT COLUMN	DESCRIPTION
	Costs are allocated to current capacity zones based on the load zone mapping from the base commitment period
Multi-Year Rate Election Costs	Pre-FCA 13 Multi-Year Rate Election Costs + Post-FCA 12 Multi-Year Rate Election Costs
Multi-Year Rate Election Charge Adjustment Rate	$(-1) \times \text{Multi-Year Rate Election Costs} / \text{Zonal Capacity Obligation} / 1000$
Capacity Load Obligation	Zonal Capacity Obligation + Designated Self-Supply + HQICC
Multi-Year Rate Election Monthly Capacity Load Obligation Charge Adjustment	$\text{Capacity Load Obligation} \times \text{Multi-Year Rate Election Charge Adjustment Rate} \times 1000$
CTR PPU Charge	
Capacity Zone ID	Capacity Zone ID
Capacity Zone Name	Capacity Zone Name
Zonal Capacity Obligation	Zonal Capacity Obligation ¹
Specifically Allocated CTR PPU	Specifically allocated CTR MW for pool-planned units in import-constrained capacity zone
Specifically Allocated CTR PPU Monthly Credit	Specifically allocated CTR credit for pool-planned units in import-constrained capacity zone. Credits are calculated using the difference between the FCA clearing price for capacity zones containing the load, and the FCA clearing price for the capacity zone of the unit.
Specifically Allocated CTR PPU Costs	Specifically allocated CTR PPU monthly credit
Specifically Allocated CTR PPU Charge Rate	$(-1) \times \text{SUM}(\text{Specifically Allocated CTR PPU Cost}) / [\text{Pool Zonal Capacity Obligation} + \text{SUM}(\text{Specifically Allocated CTR PPU})] / 1000$ Where SUM is for all capacity zones
Capacity Load Obligation	Zonal Capacity Obligation + Designated Self-Supply + HQICC
Specifically Allocated CTR PPU Monthly Capacity Load Obligation Charge	$(\text{Capacity Load Obligation} + \text{Specifically Allocated CTR PPU}) \times \text{Specifically Allocated CTR PPU Charge Rate} \times 1000$
CTR TU Charge	
Capacity Zone ID	Capacity Zone ID
Capacity Zone Name	Capacity Zone Name
Capacity Zone Type	Appropriate values are: <ul style="list-style-type: none"> • ROP • IMPORT • EXPORT

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REPORT COLUMN	DESCRIPTION
Parent Capacity Zone ID	Parent Capacity Zone ID for nested export-constrained capacity zone
Zonal Capacity Obligation	Zonal Capacity Obligation ¹
Specifically Allocated CTR TU	Specifically allocated CTR MW for transmission upgrade in import-constrained or export-constrained capacity zone
Specifically Allocated CTR TU Monthly Credit	Specifically allocated CTR credit for transmission upgrade in import-constrained or export-constrained capacity zone
Specifically Allocated CTR TU Costs	Portion of the specifically allocated CTR TU credits in all constrained capacity zones to which the interface limits the transfer of capacity allocated to the capacity zone
Specifically Allocated CTR TU Charge Rate	$(-1) \times \text{Specifically Allocated CTR TU Cost} / \text{Zonal Capacity Obligation} / 1000$
Capacity Load Obligation	Zonal Capacity Obligation + Designated Self-Supply + HQICC
Specifically Allocated CTR TU Monthly Capacity Load Obligation Charge	Capacity Load Obligation \times Specifically Allocated CTR TU Charge Rate \times 1000
Self-Supply Charge Adjustment	
Capacity Zone ID	Capacity Zone ID
Capacity Zone Name	Capacity Zone Name
Designated Self-Supply	Load serving entity designated self-supply including external interfaces connected to the capacity zone
Avoided Capacity Charge	Designated Self-Supply \times Total Charge Rate \times 1000 Where Total Charge Rate is: FCA Charge Rate + IPR Charge Adjustment Rate + ARA Charge Rate + Monthly Reconfiguration Auction Charge Rate + Multi-Year Rate Election Charge Adjustment Rate + Specifically Allocated CTR PPU Charge Rate + Specifically Allocated CTR TU Charge Rate
Foregone Capacity Payment	The total value of the Foregone Capacity Payment in the capacity zone
Self-Supply Variance	Avoided Capacity Charges – Foregone Capacity Payments
Capacity Load Obligation	Zonal Capacity Obligation + Designated Self-Supply + HQICC
Self-Supply Charge Adjustment Rate	$(-1) \times \text{SUM}(\text{Self-Supply Variance}) / \text{Pool Capacity Load Obligation} / 1000$
Self-Supply Monthly Capacity Load Obligation Charge Adjustment	Capacity Load Obligation \times Self-Supply Charge Adjustment Rate \times 1000

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Self-Supply Foregone Payment	
Capacity Zone ID	Capacity Zone ID
Capacity Zone Name	Capacity Zone Name
External Interface ID	External Interface ID
External Interface Name	External Interface Name
FCA Phase	Appropriate values are: <ul style="list-style-type: none"> • FCA RUN1 • FCA RUN2 • FCA RUN SA
Self-Supply Capacity Supply Obligation	Self-supply capacity supply obligation MW in each FCA phase in the capacity zone or external interface connected to the capacity zone
Clearing Price	Appropriate FCA phase clearing price in each capacity zone or external interface
Foregone Capacity Payment	Self-Supply Capacity Supply Obligation \times Clearing Price \times 1000
HQICC Charge	
Capacity Zone ID	Capacity Zone ID
Capacity Zone Name	Capacity Zone Name
HQICC	Hydro-Quebec Interconnection Capability Credits MW.
HQICC Costs	HQICC \times Total Charge Rate \times 1000 Where Total Charge Rate is : FCA Charge Rate + IPR Charge Adjustment Rate + ARA Charge Rate + Monthly Reconfiguration Auction Charge Rate + Multi-Year Rate Election Charge Adjustment Rate + Specifically Allocated CTR PPU Charge Rate + Specifically Allocated CTR TU Charge Rate
Capacity Load Obligation	Zonal Capacity Obligation + Designated Self-Supply + HQICC
HQICC Charge Rate	(-1) \times HQICC Costs / Pool Capacity Load Obligation / 1000
HQICC Monthly Capacity Load Obligation Charge	Capacity Load Obligation \times HQICC Charge Rate \times 1000

¹ More information on this value can be found in SD_FCMCLODTL

SD_FCMCHARGES Change Summary	Effective Date
New.	06.01.2022