EQR PRODUCT	REF	Chrg ID	Charge Name	KEY PARAMETERS		Charge Granularity
				Billable Quantity (BQ)	Price (P)	
Spinning Reserve	1	0001	Day Ahead Spinning Reserve due SC	Spinning Reserve accepted bid quantity [per SC, per location]	Price = Max (Bid price, DA Zonal Spinning Reserve MCP)	Hourly
Spinning Reserve	2	0051	Hour Ahead Spinning Reserve due SC	Hour-Ahead additional Spinning Reserve accepted bid quantity [per SC, per location]	Price = Max (Bid price, HA Zonal Spinning Reserve MCP)	Hourly
Supplemental Reserve	3	0002	Day Ahead Non-Spinning Reserve due SC	Non-Spinning Reserve Accepted Bid Quantity [per SC, per location]	Price = Max (Bid price, DA Zonal Non Spinning Reserve MCP)	Hourly
Supplemental Reserve	4	0052	Hour Ahead Non-Spinning Reserve due SC	Hour-Ahead additional Non-Spinning Reserve accepted bid quantity [per SC, per location]	Price = Max (Bid price, HA Zonal Non Spinning Reserve MCP)	Hourly
Supplemental Reserve	5	0004	Day Ahead Replacement Reserve due SC	Replacement Reserve Accepted Bid Quantity [per SC, per location]	Price = Max (Bid price, DA Zonal Replacement Reserve MCP)	Hourly
Supplemental Reserve	6	0054	Hour Ahead Replacement Reserve due SC	Hour-Ahead additional Replacement Reserve accepted Bid Quantity [per SC, per location]	Price = Max (Bid price, HA Zonal Replacement Reserve MCP)	Hourly
Regulation and Frequency Response	7	0005	Day Ahead Regulation Up due SC	Day Ahead Regulation Up Accepted Bid Quantity [per SC, per location]	Price = Max (Bid price, DA Zonal Regulation Up MCP)	Hourly
Regulation and Frequency Response	8	0055	Hour Ahead Regulation Up due SC	Hour Ahead Regulation Up Accepted Bid Quantity [per SC, per location]	Price = Max (Bid price, HA Zonal Regulation Up MCP)	Hourly
Regulation and Frequency Response	9	0006	Day Ahead Regulation Down due SC	Day Ahead Regulation Down Accepted Bid Quantity [per SC, per location]	Price = Max (Bid price, DA Zonal Regulation Down MCP)	Hourly
Regulation and Frequency Response	10	0056	Hour Ahead Regulation Down due SC	Hour Ahead Regulation Down Accepted Bid Quantity [per SC, per location]	Price = Max (Bid price, HA Zonal Regulation Down MCP)	Hourly
Supplemental Reserve	16	0024	Dispatched Replacement Reserve (Bid-In) Capacity Withhold	Amount of 'bid-in' Replacement Reserve capacity that has been dispatched by ISO [per SC, per location]	Weighted average Replacement Reserve price (RRBPih) received by the resource in that hour for its 'bid-in' Capacity	Hourly

EQR PRODUCT	REF	Chrg ID	Charge Name	KEY PARAMETERS Billable Quantity (BQ)	Price (P)	Charge Granularity
Other	39	0410	Unscheduled RMR Energy	Energy generated in excess of scheduled energy, up to RMR dispatched amount [per SC, per location]	Price = Withhold Amount / Billable Quantity Withhold Amount is first taken from the Instructed Energy payment (at the Average Price for the instructed energy in the trading interval) and then from the Uninstructed Energy (at the Decremental MCP of the in	Hourly 10-Minute
Energy	68	0401	Instructed Energy	Energy delivered in excess of schedule in accordance with ISO instructions [per SC, Per Location/Interchange]. Instructed energy is settled in the following sequence: 1) Ramping Energy; 2) Negative Out of stack and Supplemental Energy; 3) Out of stack En	-1 * Amount Due = (Ramping Energy * 0) + (+ve Suppl. Imbal. Energy * INC MCP) + (-ve Suppl. Imbal. Energy * DEC MCP) + ((Imbal. Energy from Spin + Imbal. Energy from Non Spin + Imbal. Energy from RR) * INC MCP) + (+ve Out of stack Energy * min(INC MCP,	10-Minute
Energy	69	0481	Excess Cost for Instructed Energy	Energy delivered [per SC, per Location/Interchange] having a price segment > MCP^{+}	Amount Due = -1 * $S_n[Min(AIE_{i,h,k,n}, BE_{i,h,k,n}) * EP_{i,h,k,n}]$ Price = -1 * Amount Due / Billable Quantity	10-Minute
Energy	70	0271	Real-Time Intra-zonal Congestion INC/DEC Settlement	Energy delivered [per SC, per Location/Interchange] having a price segment > MCP^{+}	Amount Due = -1 * $S_n[Min(AIE_{i,h,k,n}, BE_{i,h,k,n}) * EP_{i,h,k,n}]$ Price = -1 * Amount Due / Billable Quantity	10-Minute
Energy	71	0272	Real-Time Above MCP Cost for Non-Market Dispatches	Energy delivered [per SC, per Location/Interchange] having a price segment > MCP^{+}	Amount Due = -1 * $S_n[Min(AIE_{i,h,k,n}, BE_{i,h,k,n}) * EP_{i,h,k,n}]$ Price = -1 * Amount Due / Billable Quantity	10-Minute

EQR PRODUCT	REF	Chrg ID	Charge Name	KEY PARAMETERS Billable Quantity (BQ)	Price (P)	Charge Granularity
Energy Imbalance	73	0407	Uninstructed Energy	Sum of Uninstructed Energy [Per SC, per Congestion Region]	Price = DEC MCP if Billable Quantity > 0 INC MCP if Billable Quantity < 0	10-Minute
Spinning Reserve	81	0141	No Pay Charge - Spinning Reserve	No Pay Spin Qty = max[$NPSR(1)_{i,h,k}$, $NPSR(2)_{i,h,k}$, $NPSR(3)_{i,h,k}$] [per SC, Per Location]	Amount Due is calculated by prorating the Billable Quantity between DA and HA markets and multiplying with the corresponding MCP for Spin Reserve. Price = Amount Due / Billable Quantity	10-Minute
Supplemental reserve	82	0142	No Pay Charge - Non Spinning Reserve	No Pay Non Spin Qty = max[$NPNS^{(1)}_{i,h,k}$, $NPNS^{(2)}_{i,h,k}$, $NPNS^{(3)}_{i,h,k}$] [per SC, Per Location]	Amount Due is calculated by prorating the Billable Quantity between DA and HA markets and multiplying with the corresponding MCP for Non Spin Reserve. Price = Amount Due / Billable Quantity	10-Minute
Supplemental reserve	83	0144	No Pay Charge - Replacement Reserve	No Pay Repl. Reserve Qty = max[$NPRR^{(1)}_{i,h,k}$, $NPRR^{(2)}_{i,h,k}$, $NPRR^{(3)}_{i,h,k}$] [per SC, Per Location]	Amount Due is calculated by prorating the Billable Quantity between DA and HA markets and multiplying with the corresponding MCP for Replacement Reserve. Price = Amount Due / Billable Quantity	10-Minute
Regulation and Frequency Response	84	0145	Non Compliance Charge for Regulation Up	Unavailable A/S Capacity [per SC, per location]	Pseudo Price = Settlement Amount / Billable Quantity. Settlement amount is calculated by prorating the billable quantity between DA and HA markets and multiplying with the corresponding MCP for the Regulation Up.	10-Minute

EQR PRODUCT	REF	Chrg ID	Charge Name	KEY PARAMETERS		Charge Granularity
				Billable Quantity (BQ)	Price (P)	
Regulation and Frequency Response	85	0146	Non Compliance Charge for Regulation Down	Unavailable A/S Capacity [per SC, per location]	Pseudo Price = Settlement Amount / Billable Quantity. Settlement amount is calculated by prorating the billable quantity between DA and HA markets and multiplying with the corresponding MCP for the Regulation Down.	10-Minute
Energy Imbalance	84	0711	Intermittent Resource Net Deviation	Net Uninstructed Deviation for each valid PIR unit for the whole month (BQ)	The montly weighted-average zonal market clearing price calculated and provided by Market Operations (Price)	Monthly

EQR PRODUCT	REF	Chrg ID	Charge Name	KEY PARAMETERS Billable Quantity (BQ)	Price (P)	Charge Granularity
Reative Supply and Voltage Control	30	0302	Supplemental Reactive Power Due SC	Total payment to resources providing Supplemental Reactive Power in a Participating Transmission Owner's area [per Transmission Owner]	N/A; Set to 1	Monthly
Reative Supply and Voltage Control	34	3303	Long Term Voltage Support due SC	Payment as defined by contract [per SC, per location]	N/A; Set to 1	Monthly
Black Start	35	1001	Black Start Energy due SC	Payment as defined by contract [per SC, per location]	N/A; Set to 1	Monthly
Black Start	38	3101	Black Start Capacity due SC	Payment as defined by contract [per SC, per location]	N/A; Set to 1	Monthly
Other	42	0695	Minimum Load Cost Compensation Due SC	Billable Quantity paid for the month	Pseudo Price for each BA= Amount Paid in the month / Billable Quantity in the month	Monthly
Energy	41	1004	Overgeneration Due SC (control area)	Overgeneration Qty for SC/Control Area that agreed to buy energy from the ISO to relieve the over-generation condition.	Overgeneration payment rate as agreed between the ISO and the SC/Control Area	Hourly