MMU Energy Uplift Allocation Proposal Results

Energy Market Uplift Task Force June 23, 2015 Joel Romero Luna



Current Allocation

Reason	Energy Uplift Category	Allocation Logic	Allocation
Units scheduled in the Day-Ahead Energy Market	Day-Ahead Operating Reserve	NA	Day-Ahead Load, Day-Ahead Exports and Decrement Bids
Units scheduled in the Day-Ahead Energy Market	Balancing Operating	LMP < Offer for at least four intervals	Real-Time Load and Real-Time Exports
	Reserve	LMP > Offer for at least four intervals	Deviations
		Committed before the operating day for reliability	Real-Time Load and Real-Time Exports
Unit not scheduled in the Day-Ahead Energy	Balancing Operating	Committed before the operating day to meet forecasted load and reserves	Deviations
Market and committed in real time	Reserve	Committed during the operating day and LMP < Offer for at least four intervals	Real-Time Load and Real-Time Exports
		Committed during the operating day and LMP > Offer for at least four intervals	Deviations
Units scheduled in the Day-Ahead Energy Market not committed in real time	LOC Credit	NA	Deviations
Units reduced for reliability in real time	LOC Credit	NA	Deviations
Units canceled before coming online	Cancellation Credit	NA	Deviations

Proposed Allocation

Reason	Energy Uplift Category	Allocation Logic	Allocation
Units scheduled in the Day-Ahead Energy Market and committed in real time	Day-Ahead Segment Make Whole Credit	Scheduled by the day ahead model (not must run) Scheduled as must run in the day ahead model	Day-Ahead Transactions and Day-Ahead Resources Real-Time Load, Real-Time Exports and Withdrawal Side of Real-Time Wheels
		Committed before the operating day	Deviations
Units not scheduled in the Day-Ahead Energy Market and committed in real time	Real Time Segment Make Whole Credit	Committed during the operating day	Physical Deviations
		Any commitment for reliability	Real-Time Load, Real-Time Exports and Withdrawal Side of Real-Time Wheels
Units scheduled in the Day-Ahead Energy Market not committed in real time	Day-Ahead LOC	NA	Deviations
Units reduced for reliability in real time	Real-Time LOC	NA	Real-Time Load, Real-Time Exports and Withdrawal Side of Real-Time Wheels
Units canceled before coming online	Cancellation Credit	NA	Real-Time Load, Real-Time Exports and Withdrawal Side of Real-Time Wheels

Current/Proposed Rates

			2014			Jan - Mar 2015	
		Current Rates	Proposed Rates -	Proposed Rates -	Current Rates	Proposed Rates -	Proposed Rates -
	Transaction	(\$/MWh)	50% UTC (\$/MWh)	0% UTC (\$/MWh)	(\$/MWh)	50% UTC (\$/MWh)	0% UTC (\$/MWh)
	INC	2.295	0.223	0.701	2.554	0.354	0.856
	DEC	2.424	0.223	0.701	2.794	0.354	0.856
East	DA Load	0.129	0.019	0.024	0.240	0.025	0.029
	RT Load	0.450	0.391	0.391	0.100	0.271	0.271
	Deviation	2.295	1.313	1.787	2.554	1.131	1.628
West	INC	2.089	0.185	0.586	2.514	0.356	0.878
	DEC	2.219	0.185	0.586	2.754	0.356	0.878
	DA Load	0.129	0.019	0.024	0.240	0.025	0.029
	RT Load	0.439	0.391	0.391	0.087	0.271	0.271
	Deviation	2.089	1.229	1.626	2.514	1.028	1.545
UTC	East to East	NA	0.447	1.402	NA	0.709	1.712
	West to West	NA	0.370	1.173	NA	0.713	1.756
	East to/from West	NA	0.408	1.287	NA	0.711	1.734

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