ISO TARIFF APPENDIX C

ISO Scheduling Process

Day-ahead Schedule Timeline

	Responsible Parties							
Line	**Time (Before or on)**	**ISO**	**Non-PX SCs**	**PX**	**Must-Take and Reliability generation**	**UDC**	**PX Participants**	**Actions**
	Two days ahead							
0	6:00 PM	x						Publish forecasted transmission conditions (Generator Meter Multipliers, system load forecast (by Zones), estimated Ancillary Service requirements, scheduled transmission outages, loop flows, congestion, ATC, etc.)
	One day ahead							
1	5:00 AM	x						Notify Scheduling Coordinators of unit-specific Reliability Must-Run requirements.
~~1~~2	6:00 AM	x						Update system load forecast and Ancillary Service requirements.
3			x					Notify ISO of price option for Reliability Must-Run Units for which notification was provided at 5:00 a.m.
~~2~~4			x					Provide direct access load forecasts to the ISO.
~~3~~5	6:30 AM	x						Provide net direct access load forecasts to UDCs.
~~4~~6	9:30 AM						x	Submit individual unit schedules, AS schedules/price bids and incs/decs for CM to the PX.
~~5~~7	9:45 AM			x				Validate individual unite schedules, AS schedule/price bids and incs/decs.
~~6~~8	10:00 AM			x				Finalize MCP and Initial preferred schedules. Communicate MCP and resulting schedules to the PX participants.
~~7~~9				x				Finalize AS schedules (self-provision) or AS price bids. Communicate resulting AS schedules and/or price to PX participants.
~~8~~10			x	x				Submit initial preferred energy schedules to the ISO.
~~9~~11			x	x				Submit Ancillary Service bids and/or self-provided Ancillary Service schedules to the ISO.
12	10:00 AM	x						Validate all SC energy schedules , including RMR requirements, and bids; notify and resolve incorrect schedules and bids, if any.

~~11~~13		x						Validate all SC Ancillary Service schedules and bids; notify and resolve incorrect Ancillary Service schedules and bids, If any.
~~12~~								~~Notify Scheduling Coordinators of specific Reliability Must-Run Unit requirements.~~
~~13~~14		x						Start the inter-zonal congestion management evaluation process and Ancillary Services bid evaluation.
~~14~~15	11:00 AM	x						If no inter-zonal congestion exists, go to line 27.
~~15~~16		x						Complete advisory dispatch schedules and transmission prices if inter-zonal congestion exists.
~~16~~17		x						Complete the advisory schedules and prices of each Ancillary Service.
~~17~~18		x						Notify all SC if inter-zonal congestion exists. Publish advisory transmission prices.
~~18~~19		x						Inform all SCs their advisory dispatch schedules if inter-zonal congestion exists.
~~19~~20		x						Inform all SCs advisory AS schedules and prices if inter-zonal congestion exists.
~~20~~21	11:05 PM		x	x			x	Start the process of developing revised schedules and price bids (the PX may iterate with PX participants).
~~21~~22			x	x			x	Start the process of developing revised AS schedules and price bids (the PX may iterate with PX participants).
~~22~~23	12:00 PM		x	x				Submit revised preferred schedules and price bids to the ISO.
~~23~~24			x	x				Submit revised preferred AS schedules and price bids to the ISO.
~~24~~25	12:00 PM	x						Validate all SC schedules and bids; notify and resolve incorrect schedules and bids, if any.
~~25~~26		x						Validate all SC AS schedules and bids; notify and resolve incorrect schedules and bids, if any.
~~26~~27		x						Start the inter-zonal congestion management evaluation process and Ancillary Services bid evaluation.

~~27~~28	1:00 PM	x						Complete final dispatch schedules and transmission prices.
~~28~~29		x						Complete final schedules and prices of each Ancillary Service.
~~29~~30	1:00 PM	x						Complete final schedules.
~~30~~31	1:00 PM	x						Inform all SCs their final dispatch schedules.
~~31~~32		x						Inform all SCs their final AS schedules and prices.
~~32~~33		x						Publish transmission prices if inter-zonal congestion exists.
~~33~~34		x						Calculate and communicate with SC the specific SCs zonal prices if asked.
~~34~~35				x				Publish PX prices.
~~35~~36				x				Communicate the final generation and load schedules to PX participants.
~~36~~37				x				Communicate the final Ancillary Service schedules to PX participants.
~~37~~38		x						Develop net schedules for each of the Control Area interfaces. These interfaces include SC net schedules, Control Area net schedules and/or individual transactions.
~~38~~39		x						Call each adjacent Control Area and check that net schedules at each interface point match. Search for discrepancies and identify transactions that do not match. Resolve discrepancies with the involved SCs or eliminate the transactions with discrepancies.