# TARIFF OVERLAP FILING – EXPLANATORY TABLE SHOWING MARKED TARIFF LANGUAGE FROM OVERLAPPING FILINGS

	- · · · · · · · · · · · · · · · · · · ·	[ [ ] ] [ ] [ ] [ ] [ ] [ ] [ ] [ ] [ ]	[ [ ] ] [ ] [ ] [ ] [ ] [ ] [ ] [ ] [ ]	[ [ ] ] ] [ ] [ ] [ ] [ ] [ ] [ ] [ ] [
Section	Explanation of Tariff	[1] Marked Tariff language from filing with earlier effective	[2] Marked Tariff language from filing with later effective	[3] Marked Tariff language from [1] added to currently
	Overlap	date (or lower eTariff Record Priority value in the event both	date (or higher eTariff Record Priority value in the event both	effective tariff record
h		filings have the same effective date)	filings have the same effective date)	
4.6	Version 6.0.0 of the tariff	4.6 Relationship Between CAISO And Generators	4.6 Relationship Between CAISO And Generators	4.6 Relationship Between CAISO And Generators
	record for Section 4.6 as			
	filed with the Regulatory	The CAISO shall not accept Bids for any Generating Unit	The CAISO shall not accept Bids for any Generating Unit	The CAISO shall not accept Bids for any Generating Unit
1	Must-Take Generation	interconnected to the electric grid within the CAISO	interconnected to the electric grid within the CAISO	interconnected to the electric grid within the CAISO
	Amendment, Sept. 17,	Balancing Authority Area otherwise than through a	Balancing Authority Area (which includes a Pseudo-Tie of a	Balancing Authority Area (which includes a Pseudo-Tie of a
	2012, Docket No. ER12-	Scheduling Coordinator. The CAISO shall further not be	Generating Unit to the CAISO Balancing Authority Area)	Generating Unit to the CAISO Balancing Authority Area)
	2634, did not include the	obligated to accept Bids from Scheduling Coordinators	otherwise than through a Scheduling Coordinator. The	otherwise than through a Scheduling Coordinator. The
	changes to this section	relating to Generation from any Generating Unit	CAISO shall further not be obligated to accept Bids from	CAISO shall further not be obligated to accept Bids from
	reflected in Version 4.0.0	interconnected to the electric grid within the CAISO	Scheduling Coordinators relating to Generation from any	Scheduling Coordinators relating to Generation from any
	as filed with the	Balancing Authority Area unless the relevant Generator	Generating Unit interconnected to the electric grid within the	Generating Unit interconnected to the electric grid within the
	Regulation Energy	undertakes in writing, by entering into a Participating	CAISO Balancing Authority Area (which includes a Pseudo-Tie	CAISO Balancing Authority Area (which includes a Pseudo-Tie
	Management	Generator Agreement, QF PGA, or Metered Subsystem	of a Generating Unit to the CAISO Balancing Authority Area)	of a Generating Unit to the CAISO Balancing Authority Area)
	Amendment, Aug. 22,	Agreement with the CAISO, to comply with all applicable	unless the relevant Generator undertakes in writing, by	unless the relevant Generator undertakes in writing, by
İ	2011, Docket No. ER11-	provisions of this CAISO Tariff as they may be amended from	entering into a Participating Generator Agreement or, if	entering into a Participating Generator Agreement or, if
i	4353-000, and accepted	time to time, including, without limitation, the applicable	eligible to enter such an agreement under the applicable	eligible to enter such an agreement under the applicable
I	by FERC Order Nov. 30,	provisions of this Section 4.6 and Section 7.7. The CAISO	terms of the CAISO tariff, QFa Net Scheduled PGA, Pseudo-	terms of the CAISO tariff, a Net Scheduled PGA, Pseudo-Tie
	2011 (137 FERC ¶ 61,165)	shall not accept Bids from Scheduling Coordinators relating	Tie Participating Generator Agreement, or Metered	Participating Generator Agreement, or Metered Subsystem
	(because Version 5.0.0 as	to Generation from a Non-Generator Resource unless the	Subsystem Agreement, with the CAISO, to comply with all	Agreement, with the CAISO to comply with all applicable
	filed Mar. 7, 2012 in	resource owner or operator undertakes in writing, by	applicable provisions of this CAISO Tariff as they may be	provisions of this CAISO Tariff as they may be amended from
	Docket No. ER12-1226	entering into a Participating Generator Agreement and	amended from time to time, including, without limitation,	time to time, including, without limitation, the applicable
	delayed effective date to	Participating Load Agreement, to comply with all applicable	the applicable provisions of this Section 4.6 and Section 7.7.	provisions of this Section 4.6 and Section 7.7. The CAISO
	Nov. 27, 2012, per FERC	provisions of this CAISO Tariff as they may be amended from		shall not accept Bids from Scheduling Coordinators relating
	letter Order Apr. 2,	time to time including, without limitation, the applicable		to Generation from a Non-Generator Resource unless the
İ	2012.)	provisions of this Section 4.6 and Section 7.7.		resource owner or operator undertakes in writing, by
				entering into a Participating Generator Agreement and
i				Participating Load Agreement, to comply with all applicable
				provisions of this CAISO Tariff as they may be amended from
				time to time including, without limitation, the applicable
				provisions of this Section 4.6 and Section 7.7.

Section	Explanation of Tariff	[1] Marked Tariff language from filing with earlier effective	[2] Marked Tariff language from filing with later effective	[3] Marked Tariff language from [1] added to currently
	Overlap	date (or lower eTariff Record Priority value in the event both	date (or higher eTariff Record Priority value in the event both	effective tariff record
		filings have the same effective date)	filings have the same effective date)	
6.5.2.3.6	Version 3.0.0 of the tariff	6.5.2.3.6 Virtual Bid Reference Prices	N/A [Version 3.0.0 of the tariff record for Section 6.5.2 ends	6.5.2.3.6 Virtual Bid Reference Prices
	record for Section 6.5.2		with Section 6.5.2.3.5]	
	as filed with Tariff	The CAISO will publish Virtual Bid Reference Prices prior to		The CAISO will publish Virtual Bid Reference Prices prior to
	Clarification Amendment	the applicable reference period for the Virtual Bid Reference		the applicable reference period for the Virtual Bid Reference
	Compliance filing, Apr. 8,	Prices.		<u>Prices.</u>
	2011, Docket No. ER11-			
	2574-002, and later			
	versions did not include			
	the addition of this			
	section reflected in			
	Version 1.0.0 as filed with			
	the Convergence Bidding			
	Compliance filing, Nov.			
	15, 2010, Docket No.			
	ER11-2128, and accepted			
	by FERC Order Jan. 31,			
	2011 (134 FERC ¶			
	61,070).			

Section	Explanation of Tariff	[1] Marked Tariff language from filing with earlier effective	[2] Marked Tariff language from filing with later effective	[3] Marked Tariff language from [1] added to currently
	Overlap	date (or lower eTariff Record Priority value in the event both	date (or higher eTariff Record Priority value in the event both	effective tariff record
	•	filings have the same effective date)	filings have the same effective date)	
8.2.2	Version 2.0.0 of the tariff	8.2.2 Time-Frame for Revising Ancillary Service Standards	8.2.2 Time-Frame for Revising Ancillary Service Standards	8.2.2 Time-Frame for Revising Ancillary Service Standards
	record for Section 8.2.2			
	as filed with Scarcity	The CAISO shall periodically undertake a review of the CAISO	The CAISO shall periodically undertake a review of the CAISO	The CAISO shall periodically undertake a review of the CAISO
	Pricing Compliance filing,	Controlled Grid operation to determine any revision to the	Controlled Grid operation to determine any revision to the	Controlled Grid operation to determine any revision to the
	Aug. 23, 2010, Docket	Ancillary Services standards to be used in the CAISO	Ancillary Services standards to be used in the CAISO	Ancillary Services standards to be used in the CAISO
	No. ER10-2293, did not	Balancing Authority Area. At a minimum the CAISO shall	Balancing Authority Area. At a minimum the CAISO shall	Balancing Authority Area. At a minimum the CAISO shall
	include the changes to	conduct such reviews to accommodate revisions to NERC and	conduct such reviews to accommodate revisions to NERC and	conduct such reviews to accommodate revisions to NERC and
	this section reflected in	WECC reliability standards, including any requirements of the	WECC Reliability Standards and any requirements of the NRC.	WECC Reliability Standards and any requirements of the NRC.
	Version 1.0.0 as filed with	NRC. The CAISO may adjust the Ancillary Services standards	If the CAISO modifies its Ancillary Services standards,	If the CAISO modifies its Ancillary Services standards,
	the Non Generating	temporarily to take into account, among other things,	including its rules to determine minimum procurement	including its rules to determine minimum procurement
	Resource Amendment,	variations in system conditions, Real-Time Dispatch	requirements for Ancillary Services, the CAISO will notify	requirements for Ancillary Services, the CAISO will notify
	July 12, 2010, Docket No.	constraints, contingencies, and voltage and dynamic stability	Market Participants.reliability standards, including any	Market Participants. The CAISO may adjust the Ancillary
	ER10-1755, and accepted	assessments. Where practicable, the CAISO will provide	requirements of the NRC. The CAISO may adjust the	Services standards temporarily to take into account, among
	by FERC Order Sept. 10,	notice, via the CAISO Website, of any temporary adjustments	Ancillary Services standards temporarily to take into account,	other things, variations in system conditions, Real-Time
	2010 (132 FERC ¶	to Ancillary Service standards by 6:00 p.m. two (2) days	among other things, variations in system conditions, Real-	Dispatch constraints, contingencies, and voltage and dynamic
	61,211).	ahead of the Operating Day to which the adjustment will	Time Dispatch constraints, contingencies, and voltage and	stability assessments. Where practicable, the CAISO will
		apply. Periodic reviews by the CAISO may include, but are	dynamic stability assessments. Where practicable, the CAISO	provide notice, via the CAISO Website, of any temporary
		not limited to: (a) analysis of the deviation between actual	will provide notice, via the CAISO Website, of any temporary	adjustments to Ancillary Service standards by 6:00 p.m. two
		and forecast Demand; (b) analysis of patterns of unplanned	adjustments to Ancillary Service standards by 6:00 p.m. two	(2) days ahead of the Operating Day to which the adjustment
		Generating Unitresource Outages; (c) analysis of compliance	(2) days ahead of the Operating Day to which the adjustment	will apply. Periodic reviews by the CAISO may include, but
		with NERC and WECC reliability standards, including any	will apply. Periodic reviews by the CAISO may include, but	are not limited to: (a) analysis of the deviation between
		requirements of the NRC; (d) analysis of operation during	are not limited to: (a) analysis of the deviation between	actual and forecast Demand; (b) analysis of patterns of
		system disturbances; (e) analysis of patterns of shortfalls	actual and forecast Demand; (b) analysis of patterns of	unplanned Generating Unitresource Outages; (c) analysis of
		between Day-Ahead Schedules and actual Generation and	unplanned Generating Unit Outages; (c) analysis of	compliance with NERC and WECC Reliability Standards and
		Demand; and (f) analysis of patterns of unplanned	compliance with NERC and WECC Reliability Standards	any requirements of the NRC; (d) analysis of operation during
		transmission Outages.	andreliability standards, including any requirements of the	system disturbances; (e) analysis of patterns of shortfalls
			NRC; (d) analysis of operation during system disturbances; (e)	between Day-Ahead Schedules and actual Generation and
			analysis of patterns of shortfalls between Day-Ahead	Demand; and (f) analysis of patterns of unplanned
			Schedules and actual Generation and Demand; and (f)	transmission Outages.
			analysis of patterns of unplanned transmission Outages.	

Section	Explanation of Tariff	[1] Marked Tariff language from filing with earlier effective	[2] Marked Tariff language from filing with later effective	[3] Marked Tariff language from [1] added to currently
	Overlap	date (or lower eTariff Record Priority value in the event both	date (or higher eTariff Record Priority value in the event both filings have the same effective date)	effective tariff record
8.4.5	Version 1.0.0 of the tariff	filings have the same effective date)  8.4.5 Communication Equipment	8.4.5 Communication Equipment	8.4.5 Communication Equipment
8.4.3	record for Section 8.4.5	8.4.5 Communication Equipment	8.4.5 Communication Equipment	8.4.3 Communication Equipment
	as filed with the Non	Unless otherwise authorized by the CAISO, all Scheduling	Unless otherwise authorized by the CAISO, all Scheduling	Unless otherwise authorized by the CAISO, all Scheduling
	Generating Resource	Coordinators wishing to submit an Ancillary Service Bid must	Coordinators wishing to submit an Ancillary Service Bid must	Coordinators wishing to submit an Ancillary Service Bid must
	Amendment, July 12,	have the capability to submit to and receive information	have the capability to submit to and receive information	have the capability to submit to and receive information
	2010, Docket No. ER10-	from the CAISO's secure communication system. In addition,	from the CAISO's secure communication system. In addition,	from the CAISO's secure communication system. In addition,
	1755, did not include the	they must be capable of receiving Dispatch Instructions	they must be capable of receiving Dispatch Instructions	they must be capable of receiving Dispatch Instructions
	changes to this section	electronically and they must provide the CAISO with a	electronically and they must provide the CAISO with a	electronically and they must provide the CAISO with a
	reflected in Version 2.0.0	telephone number, or fax number through which Dispatch	telephone number, or fax number through which Dispatch	telephone number, or fax number through which Dispatch
	(with an earlier effective	Instructions for each Generating Unit, System Unit,	Instructions for each resource Generating Unit, System Unit,	Instructions for each resource may be given if necessary. The
	date) as filed with the	Participating Load, Proxy Demand Resource, Load and	Load and System Resource may be given if necessary. The	CAISO will determine which method of communication is
	Proxy Demand Resource	System Resource may be given if necessary. The CAISO will	CAISO will determine which method of communication is	appropriate; provided that the CAISO will consult with the
	Compliance filing, Sept.	determine which method of communication is appropriate;	appropriate; provided that the CAISO will consult with the	Scheduling Coordinator, if time permits, and will consider the
	13, 2010, ER10-2623, and	provided that the CAISO will consult with the Scheduling	Scheduling Coordinator, if time permits, and will consider the	method of communication then utilized by such Scheduling
	accepted by FERC Order	Coordinator, if time permits, and will consider the method of	method of communication then utilized by such Scheduling	Coordinator; provided further, that the CAISO shall make the
	Jan. 4, 2011 (134 FERC ¶	communication then utilized by such Scheduling Coordinator;	Coordinator; provided further, that the CAISO shall make the	final determination as to the additional communication
	61,004) (which order was	provided further, that the CAISO shall make the final	final determination as to the additional communication	methods. Ancillary Service Providers whose resources are
	erroneously issued in	determination as to the additional communication methods.	methods. Ancillary Service Providers Participating	scheduled, bid in or under contract, shall ensure that there is
	Docket No. ER10-2621)	Participating Generators, owners or operators of	Generators, owners or operators of Loads, and operators of	a twenty-four (24) hour personal point of contact with the
		Participating Loads, and operators of System Units or System	<del>System Units or System Resources whose resources are</del>	CAISO for the resource. <u>Scheduling Coordinators</u>
		Resources whose resources are scheduled, bid in or under	scheduled, bid in or under contract, shall ensure that there is	representing Proxy Demand Resources that are scheduled,
		contract, shall ensure that there is a twenty-four (24) hour	a twenty-four (24) hour personal point of contact with the	bid in or under contract shall ensure that there is a twenty-
		personal point of contact with the CAISO for the Generating	CAISO for the <u>resource</u> . An Ancillary Service	four (24) hour personal point of contact with the CAISO for
		Unit, System Unit, Participating Load or System Resource.	ProviderGenerating Unit, System Unit, Load or System	the Proxy Demand Resource. An Ancillary Service Provider
		Scheduling Coordinators representing Proxy Demand	Resource. A Participating Generator or provider of	wishing to offer any Ancillary Service must provide a direct
		Resources that are scheduled, bid in or under contract shall	Curtailable Demand wishing to offer any Ancillary Service	ring down voice communications circuit (or a dedicated
		ensure that there is a twenty-four (24) hour personal point of	must provide a direct ring down voice communications	telephone line available twenty-four (24) hours a day every
		contact with the CAISO for the Proxy Demand Resource. A	circuit (or a dedicated telephone line available twenty-four	day of the year) between the control room operator for the
		Participating Generator, or provider of Curtailable Demand	(24) hours a day every day of the year) between the control	resource providing the Ancillary Service and the CAISO
		wishing to offer any Ancillary Service must provide a direct	room operator for the resource Generating Unit or	Control Center. Each Ancillary Service Provider must also
		ring down voice communications circuit (or a dedicated	CALCO Control Control Footh Aprillage Control	provide an alternate method of voice communications with
		telephone line available twenty-four (24) hours a day every	CAISO Control Center. Each Ancillary Service	the CAISO from the control room in addition to the direct
		day of the year) between the control room operator for the	Provider Participating Generator must also provide an	communication link required above. Operators of Dynamic
		Generating Unit or Curtailable Demand providing the	alternate method of voice communications with the CAISO	System Resources from which Dynamic Schedules or Bids are
		Ancillary Service and the CAISO Control Center. Each	from the control room in addition to the direct	submitted to the CAISO shall provide communications links meeting CAISO standards for dynamic imports from System
		Participating Generator must also provide an alternate method of voice communications with the CAISO from the	communication link required above. Operators of Dynamic System Resources from which Dynamic Schedules or Bids are	Resources. Ancillary Service Providers whose resources
		control room in addition to the direct communication link	submitted to the CAISO shall provide communications links	provide Regulation shall also provide communication links
		required above. Operators of Dynamic System Resources	meeting CAISO standards for dynamic imports from System	meeting CAISO standards for direct digital control. Operators
		from which Dynamic Schedules or Bids are submitted to the	Resources. Ancillary Service Providers whose resources	of System Resources providing Regulation shall provide
		CAISO shall provide communications links meeting CAISO	provide Participating Generators and operators of System	communications links meeting CAISO standards for imports
		CAISO SHall provide communications links meeting CAISO	provide randipating denerators and operators or system	communications links meeting CAISO standards for imports

standards for dynamic imports from System Resources. Participating Generators and operators of System Units providing Regulation shall also provide communication links meeting CAISO standards for direct digital control. Operators of System Resources providing Regulation shall provide communications links meeting CAISO standards for imports of Regulation. If any communication system becomes unavailable, the relevant Participating Generators, operators of System Units, Participating Loads, Proxy Demand Resources, Loads and System Resources and the CAISO shall take immediate action to identify the cause of the interruption and to restore the communication system. A Scheduling Coordinator that has provided a Submission to Self-Provide an Ancillary Service, or has submitted a Bid to provide or contracted for Ancillary Services, shall ensure that the Generating Unit, System Unit, Participating Load, Proxy Demand Resource, Load or System Resource concerned is able to receive and implement Dispatch Instructions.

Units providing Regulation shall also provide communication links meeting CAISO standards for direct digital control.

Operators of System Resources providing Regulation shall provide communications links meeting CAISO standards for imports of Regulation. If any communication system becomes unavailable, the relevant Ancillary Service Provider Participating Generators, operators of System Units, Loads and System Resources and the CAISO shall take immediate action to identify the cause of the interruption and to restore the communication system. A Scheduling Coordinator that has provided a Submission to Self-Provide an Ancillary Service, or has submitted a Bid to provide or contracted for Ancillary Services, shall ensure that the resource Generating Unit, System Unit, Load or System Resource concerned is able to receive and implement Dispatch Instructions.

of Regulation. If any communication system becomes unavailable, the relevant Ancillary Service Provider and the CAISO shall take immediate action to identify the cause of the interruption and to restore the communication system. A Scheduling Coordinator that has provided a Submission to Self-Provide an Ancillary Service, or has submitted a Bid to provide or contracted for Ancillary Services, shall ensure that the resource concerned is able to receive and implement Dispatch Instructions.

·		[4] a. 1 1= 1001	[0] A	[0] to 1 = 100   1 = 100
Section	Explanation of Tariff	[1] Marked Tariff language from filing with earlier effective	[2] Marked Tariff language from filing with later effective	[3] Marked Tariff language from [1] added to currently
	Overlap	date (or lower eTariff Record Priority value in the event both	date (or higher eTariff Record Priority value in the event both	effective tariff record
		filings have the same effective date)	filings have the same effective date)	
8.9	This section is affected by	8.9, Verification, Compliance Testing, And Auditing	8.9, Verification, Compliance Testing, And Auditing	8.9 Verification, Compliance Testing, And Auditing
	two overlap occurrences			
	resulting in the absence	Availability of contracted and Self-Provided Ancillary Services	Availability of contracted and Self-Provided Ancillary Services	Availability of contracted and Self-Provided Ancillary Services
	of accepted tariff	and RUC Capacity shall be verified by the CAISO by	and RUC Capacity shall be verified by the CAISO by	shall be verified by the CAISO by unannounced testing of
	language from tariff	unannounced testing of Generating Units, Loads and System	unannounced testing of Generating Units, Loads and System	Generating Units, Loads and System Resources resources, by
	records. First, Version	Resources resources, by auditing of response to CAISO	Resources, by auditing of response to CAISO Dispatch	auditing of response to CAISO Dispatch Instructions, and by
	2.0.0 as filed with Multi-	Dispatch Instructions, and by analysis of the appropriate	Instructions, and by analysis of the appropriate Meter Data,	analysis of the appropriate Meter Data, or Interchange
	Stage Generating	Meter Data, or Interchange Schedules. The CAISO may test	or Interchange Schedules. The CAISO may test the capability	Schedules. The CAISO may test the capability of any
	Resource Compliance	the capability of any Generating Unit, System Unit, System	of any Generating Unit, System Unit, System Resource,	Generating Unit, System Unit, System Resource, external
	filing, Sept. 8, 2010,	Resource, external import of a System Resource,	external import of a System Resource, Participating Load, or	import of a System Resource, Participating Load, or reactive
	Docket ER10-2560, did	Participating Load, or reactive device resource providing	reactive device providing Ancillary Services or RUC Capacity.	deviceresource providing Ancillary Services. Participating
	not include the changes	Ancillary Services or RUC Capacity. Participating Generators,	Participating Generators, owners or operators of	Generators, owners or operators of Participating Loads,
	to this section	owners or operators of Participating Loads, Scheduling	Participating Loads, operators of System Units or System	Scheduling Coordinators representing owners or operators of
	(highlighted in yellow in	Coordinators representing owners or operators of Proxy	Resources, owners or operators of reactive devices and	Proxy Demand Resources, operators of System Units or
	Col. 1) reflected in	Demand Resources, operators of System Units or System	Scheduling Coordinators shall notify the CAISO immediately	System Resources, owners or operators of reactive devices
	Version 1.0.0 as filed with	Resources, owners or operators of reactive devices and	whenever they become aware that an Ancillary Service or	and Scheduling Coordinators shall notify the CAISO
	the Non Generating	Scheduling Coordinators shall notify the CAISO immediately	RUC Capacity is not available in any way. All Participating	immediately whenever they become aware that an Ancillary
	Resource Amendment,	whenever they become aware that an Ancillary Service or	Generators, owners or operators of Loads, operators of	Service is not available in any way. All Participating
	July 12, 2010, Docket	RUC Capacity is not available in any way. All Participating	System Units or System Resources and owners or operators	Generators, owners or operators of Loads, operators of
	ER10-1755, as accepted	Generators, owners or operators of Loads, operators of	of reactive devices shall check, monitor and/or test their	System Units or System Resources and owners or operators
	by FERC Order Sept. 10,	System Units or System Resources and owners or operators	system and related equipment routinely to assure availability	of reactive devices Ancillary Service Providers shall check,
	2010 (132 FERC ¶	of reactive devices Ancillary Service Providers shall check,	of the committed Ancillary Services and RUC Capacity. These	monitor and/or test their system and related equipment
	61,211). Second, Version	monitor and/or test their system and related equipment	requirements apply to Ancillary Services whether the	routinely to assure availability of the committed Ancillary
	5.0.0 as filed with the	routinely to assure availability of the committed Ancillary	Ancillary Services are contracted or self-provided. For a	Services. These requirements apply to Ancillary Services
	CAISO MSG Delay of	Services and RUC Capacity. These requirements apply to	duration specified by the CAISO, the CAISO may suspend the	whether the Ancillary Services are contracted or self-
	Implementation	Ancillary Services whether the Ancillary Services are	technical eligibility certificate of a Scheduling Coordinator for	provided. For a duration specified by the CAISO, the CAISO
	Amendment, Nov. 12,	contracted or self-provided. For a duration specified by the	a Generating Unit, System Unit, Load or System Resource,	may suspend the technical eligibility certificate of a
	2010, Docket ER11-2106,	CAISO, the CAISO may suspend the technical eligibility	which repeatedly fails to perform. The CAISO shall develop	Scheduling Coordinator for a resourceGenerating Unit,
	did not include the	certificate of a Scheduling Coordinator for a	measures to discourage repeated non-performance on the	System Unit, Load or System Resource, which repeatedly fails
	changes to this section	resource <del>Generating Unit, System Unit, Load or System</del>	part of both bidders and self-providers. Further, all of these	to perform. The CAISO shall develop measures to discourage
	(highlighted in blue in	Resource, which repeatedly fails to perform. The CAISO shall	requirements apply to each MSG Configuration.	repeated non-performance on the part of both bidders and
	Col. 1) reflected in	develop measures to discourage repeated non-performance		self-providers. Further, all of these requirements apply to
	Version 4.0.0 as filed with	on the part of both bidders and self-providers.		each MSG Configuration.
	the Proxy Demand	·		
	Resource Compliance			
	filing, Sept. 13, 2010,			
	ER10-2623, and accepted			
	by FERC Order Jan. 4,			
	2011 (134 FERC ¶ 61,004)			
	(erroneously issued in			
	Docket ER10-2621).			
	2021).			

Section	Explanation of Tariff	[1] Marked Tariff language from filing with earlier effective	[2] Marked Tariff language from filing with later effective	[3] Marked Tariff language from [1] added to currently
	Overlap	date (or lower eTariff Record Priority value in the event both	date (or higher eTariff Record Priority value in the event both	effective tariff record
		filings have the same effective date)	filings have the same effective date)	
8.9.2	Version 2.0.0 of the tariff	8.9.2 Compliance Testing for Regulation	8.9.2 Compliance Testing for Regulation	8.9.2 Compliance Testing for Regulation
	record for Section 8.9.2			
	as filed with Multi-Stage	The CAISO may test the capability of any resource Generating	The CAISO may test the capability of any Generating Unit or	The CAISO may test the capability of any Generating Unit or
	Generating Resource	Unit or System Resource providing Regulation by using the	System Resource providing Regulation by using the CAISO	System Resource resource providing Regulation by using the
	Compliance filing,	CAISO EMS to move that <u>resource's</u> Generating Unit's or	EMS to move that Generating Unit's or System Resource's	CAISO EMS to move that Generating Unit's or System
	September 8, 2010,	System Resource's output over the full range of its	output over the full range of its Regulation capacity within a	Resource's resource's output over the full range of its
	Docket No. ER10-2560,	Regulation capacity within a ten (10) minute period.	ten-minute period. For a Multi-Stage Generating Resource	Regulation capacity within a ten(10) minute period. For a
	and later versions did not		the full range of Regulation capacity is evaluated at the	Multi-Stage Generating Resource the full range of Regulation
	include the changes to		applicable MSG Configuration.	capacity is evaluated at the applicable MSG Configuration.
	this section reflected in			
	Version 1.0.0 as filed with			
	the Non Generating			
	Resource Amendment,			
	July 12, 2010, Docket No.			
	ER10-1755, and accepted			
	by FERC Order Sept. 10,			
	2010 (132 FERC ¶			
	61,211).			
8.10.2	Version 2.0.0 of the tariff	8.10.2 Spinning Reserve	8.10.2 Spinning Reserve	8.10.2 Spinning Reserve
	record for Section 8.10.2			
	as filed with Multi-Stage	The CAISO shall test the Spinning Reserve capability of a	The CAISO shall test the Spinning Reserve capability of a	The CAISO shall test the Spinning Reserve capability of a
	Generating Resource	resource Generating Unit, System Unit or System Resource by	Generating Unit, System Unit or System Resource by issuing	Generating Unit, System Unit or System Resource resource by
	Compliance filing,	issuing unannounced Dispatch Instructions requiring the	unannounced Dispatch Instructions requiring the Generating	issuing unannounced Dispatch Instructions requiring the
	September 8, 2010,	resourceGenerating Unit, System Unit or System Resource to	Unit, System Unit or System Resource to ramp up to its ten	Generating Unit, System Unit or System Resource resource to
	Docket No. ER10-2560,	ramp up to its ten (10) minute capability. The CAISO shall	(10) minute capability. The CAISO shall measure the	ramp up to its ten (10) minute capability. The CAISO shall
	and later versions did not	measure the response of the <u>resourceGenerating Unit</u> ,	response of the Generating Unit, System Unit or System	measure the response of the Generating Unit, System Unit or
	include the changes to	System Unit or System Resource to determine compliance	Resource to determine compliance with requirements. Such	System Resource resource to determine compliance with
	this section reflected in Version 1.0.0 as filed with	with requirements. Such tests may not necessarily occur on	tests may not necessarily occur on the hour. The Scheduling	requirements. Such tests may not necessarily occur on the
	the Non Generating	the hour. The Scheduling Coordinator for the resourceGenerating Unit, System Unit or System Resource	Coordinator for the Generating Unit, System Unit or System Resource shall be paid pursuant to Section 11.5.6. For a	hour. The Scheduling Coordinator for the Generating Unit, System Unit or System Resource resource shall be paid
	Resource Amendment,	shall be paid pursuant to Section 11.5.6.	Multi-Stage Generating Resource the range of Spinning	pursuant to Section 11.5.6. For a Multi-Stage Generating
	July 12, 2010, Docket No.	silali ve palu pursualit to section 11.5.0.	capacity evaluated is the range for the applicable MSG	Resource the range of Spinning capacity evaluated is the
	ER10-1755, and accepted		Configuration.	range for the applicable MSG Configuration.
	by FERC Order Sept. 10,		Comguiation.	Tange for the applicable MISO Configuration.
	2010 (132 FERC ¶			
	61,211).			
	U±,4±1.	1		

Section	Explanation of Tariff	[1] Marked Tariff language from filing with earlier effective	[2] Marked Tariff language from filing with later effective	[3] Marked Tariff language from [1] added to currently
	Overlap	date (or lower eTariff Record Priority value in the event both	date (or higher eTariff Record Priority value in the event both	effective tariff record
		filings have the same effective date)	filings have the same effective date)	
8.10.3	Version 2.0.0 of the tariff	8.10.3 Non-Spinning Reserve	8.10.3 Non-Spinning Reserve	8.10.3 Non-Spinning Reserve
	record for Section 8.10.3 as			
	filed with Multi-Stage	The CAISO may test the Non-Spinning Reserve capability of a	The CAISO may test the Non-Spinning Reserve capability of a	The CAISO may test the Non-Spinning Reserve capability of a
	Generating Resource	resource Generating Unit, System Unit or System Resource by	Generating Unit, Load, System Unit or System Resource by	Generating Unit, Load, System Unit or System
	Compliance filing,	issuing unannounced Dispatch Instructions requiring the	issuing unannounced Dispatch Instructions requiring the	Resource by issuing unannounced Dispatch
	September 8, 2010, Docket	resourceGenerating Unit, System Unit or System Resource to	Generating Unit, Load, System Unit or System Resource to	Instructions requiring the Generating Unit, Load, System Unit
	No. ER10-2560, and later	<del>come on line and </del> ramp <del>up or to reduce Demand</del> to its	come on line and ramp up or to reduce Demand to its ten	or System Resource resource to come on line and ramp up or
	versions did not include	<u>certified capacity within</u> ten (10) <u>minutes.minute capability.</u>	(10) minute capability. The CAISO shall measure the	to reduce Demand to its certified capacity within ten (10)
	the changes to this section	The CAISO shall measure the response of the	response of the Generating Unit, System Unit, System	minute <u>s capability</u> . The CAISO shall measure the response of
	reflected in Version 1.0.0	resourceGenerating Unit, System Unit or System Resource or	Resource or Load to determine compliance with	the Generating Unit, System Unit, System Resource resource
	as filed with the Non	Load to determine compliance with requirements. The	requirements. The Scheduling Coordinator for the	or Load to determine compliance with requirements. The
	Generating Resource	Scheduling Coordinator for the <u>resource</u> Generating Unit,	Generating Unit, System Unit, Load or System Resource shall	Scheduling Coordinator for the Generating Unit, System Unit,
	Amendment, July 12, 2010,	System Unit, Load or System Resource shall be paid pursuant	be paid pursuant to Section 11.5.6. For a Multi-Stage	Load or System Resource resource shall be paid pursuant to
	Docket No. ER10-1755, and	to Section 11.5.6.	Generating Resource the range of Non-Spinning capacity	Section 11.5.6. For a Multi-Stage Generating Resource the
	accepted by FERC Order		evaluated is the range at the applicable MSG Configuration.	range of Non-Spinning capacity evaluated is the range at the
	Sept. 10, 2010 (132 FERC ¶			applicable MSG Configuration.
	61,211).			
8.10.8.2	Version 14.0.0 of the tariff	8.10.8.2 Rescission of Payments for Unavailable Ancillary	8.10.8.2 Rescission of Payments for Unavailable Ancillary	8.10.8.2 Rescission of Payments for Unavailable Ancillary
	record for Section 8.10.8.2	Service Capacity	Service Capacity	Service Capacity
	as filed with the Order 764			
	Market Changes	If the CAISO determines that a Scheduling Coordinator has	If the CAISO determines that a Scheduling Coordinator has	If the CAISO determines that a Scheduling Coordinator has
	Amendment, Nov. 26,	supplied Uninstructed Imbalance Energy to the CAISO during	supplied Uninstructed Imbalance Energy to the CAISO during	supplied Uninstructed Imbalance Energy to the CAISO during
	2013, Docket No. ER14-	a Settlement Interval from the capacity of a resource that is	a Settlement Interval from the capacity of a resource that is	a Settlement Interval from the capacity of a resource that is
	480, did not include the	obligated to supply Spinning Reserve or Non-Spinning	obligated to supply Spinning Reserve or Non-Spinning	obligated to supply Spinning Reserve or Non-Spinning
	changes to this section	Reserve to the CAISO, payments to the Scheduling	Reserve to the CAISO, payments to the Scheduling	Reserve to the CAISO, payments to the Scheduling
	reflected in Version 13.0.0	Coordinator for the Ancillary Service capacity used to supply	Coordinator for the Ancillary Service capacity used to supply	Coordinator for the Ancillary Service capacity used to supply
	as filed with the	Uninstructed Imbalance Energy shall be eliminated to the	Uninstructed Imbalance Energy shall be eliminated to the	Uninstructed Imbalance Energy shall be eliminated to the
	Mandatory MSG Delay	extent of the deficiency, in accordance with the provisions of	extent of the deficiency, in accordance with the provisions of	extent of the deficiency, in accordance with the provisions of
	Amendment, Oct. 17,	Section 11.10.9.2. For Multi-Stage Generating Resources	Section 11.10.9.2. For Multi-Stage Generating Resources	Section 11.10.9.2. For Multi-Stage Generating Resources
	2013, Docket ER13-2063-	that have supplied Uninstructed Imbalance Energy from	that have supplied Uninstructed Imbalance Energy from	that have supplied Uninstructed Imbalance Energy from
	001, and accepted by FERC	capacity obligated to supply Spinning or Non-Spinning	capacity obligated to supply Spinning or Non-Spinning	capacity obligated to supply Spinning or Non-Spinning
	Order March 20, 2014 (146	Reserves, the CAISO shall calculate the capacity for which	Reserves, the CAISO shall calculate the capacity for which	Reserves, the CAISO shall calculate the capacity for which
	FERC ¶ 61,191). As both	payments will be rescinded at the Generating Unit or	payments will be rescinded at the Generating Unit or	payments will be rescinded at the Generating Unit or
	versions of the section had	Dynamic Resource-Specific System Resource level, as	Dynamic Resource-Specific System Resource level, as	Dynamic Resource Specific System Resource level, as
	the same effective date,	applicable, and will use the MSG Configuration-specific	applicable, and will use the MSG Configuration-specific	applicable, and will use the MSG Configuration-specific
	Version 14.0.0 superseded	Maximum Operating Limit.	Maximum Operating Limit.	Maximum Operating Limit.
	Version 13.0.0 due to its			
	higher eTariff Record			
	Priority value.			

Sectio	n Explanation of Tariff Overlap	[1] Marked Tariff language from filing with earlier effective date (or lower eTariff Record Priority value in the event both filings have the same effective date)	[2] Marked Tariff language from filing with later effective date (or higher eTariff Record Priority value in the event both filings have the same effective date)	[3] Marked Tariff language from [1] added to currently effective tariff record
11.5.2	record for Section 11.5.2 as filed with the Order 764 Market Changes Amendment, Nov. 26, 2013, Docket No. ER14-480, did not include the changes to this section reflected in Version 7.0.0 as filed with the RDRR	Scheduling Coordinators shall be paid or charged a UIE Settlement Amount for each LAP, PNode or Scheduling Point for which the CAISO calculates a UIE quantity. UIE quantities are calculated for each resource that has a Day-Ahead Schedule, Dispatch Instruction, Real-Time Interchange Export Schedule or Metered Quantity. For MSS Operators electing gross Settlement, regardless of whether that entity has elected to follow its Load or to participate in RUC, the UIE for	Scheduling Coordinators shall be paid or charged a UIE Settlement Amount for each LAP, PNode or Scheduling Point for which the CAISO calculates a UIE quantity for each Settlement Interval. UIE quantities are calculated for each resource that has a Day-Ahead Schedule, Dispatch Instruction, Real-Time Interchange Export Schedule or Metered Quantity. For MSS Operators electing gross Settlement, regardless of whether that entity has elected to	11.5.2 Uninstructed Imbalance Energy  Scheduling Coordinators shall be paid or charged a UIE Settlement Amount for each LAP, PNode or Scheduling Point for which the CAISO calculates a UIE quantity for each Settlement Interval. UIE quantities are calculated for each resource that has a Day-Ahead Schedule, Dispatch Instruction, Real-Time Interchange Export Schedule or Metered Quantity. For MSS Operators electing gross Settlement, regardless of whether that entity has elected to
	Compliance filing, August 19, 2013, Docket No. ER13-2192, and accepted by FERC Order March 28, 2014 (146 FERC ¶ 61,233). As both versions of the section had the same effective date, Version 8.0.0 superseded Version 7.0.0 due to its higher eTariff Record Priority value.	such entities is settled similarly to how UIE for non-MSS entities is settled as provided in this Section 11.5.2. The CAISO shall account for UIE in two categories: (1) Tier 1 UIE is accounted as the quantity deviation from the resource's IIE; and (2) Tier 2 UIE is accounted as the quantity deviation from the resource's Day-Ahead Schedule or as described in Section 11.52.25.4. For Generating Units, System Units of MSS Operators that have elected gross Settlement, Physical Scheduling Plants, System Resources and all Participating Load, Reliability Demand Response Resources, and Proxy Demand Resources, the Tier 1 UIE Settlement Amount is calculated for each Settlement Interval as the product of its Tier 1 UIE quantity and its Resource-Specific Tier 1 UIE Settlement Interval Price as calculated per Section 11.5.2.1, and the Tier 2 UIE Settlement Amount is calculated for each Settlement Interval as the product of its Tier 2 UIE quantity	follow its Load or to participate in RUC, the UIE for such entities is settled similarly to how UIE for non-MSS entities is settled as provided in this Section 11.5.2. The CAISO shall account for UIE in two categories: (1) Tier 1 UIE is accounted as the quantity deviation from every five minutes based on the resource's IIE; and (2) Tier 2 UIE is accounted as the quantity deviation from the resource's Day Ahead Schedule or as described in Section 11.2.5.4Dispatch Instruction. For all resources, including Generating Units, System Units of MSS Operators that have elected gross Settlement, Physical Scheduling Plants, System Resources and all Participating Load and Proxy Demand Resources, the Tier 1-UIE Settlement Amount is calculated for each Settlement Interval as the product of its Tier 1-UIE Mwh quantity and its Resource-Specific Tier 1 UIE Settlement Interval Price as calculated per Section 11.5.2.1, and the Tier 2 UIE Settlement Amount is	follow its Load or to participate in RUC, the UIE for such entities is settled similarly to how UIE for non-MSS entities is settled as provided in this Section 11.5.2. The CAISO shall account for UIE every five minutes based on the resource's Dispatch Instruction. For all resources, including Generating Units, System Units of MSS Operators that have elected gross Settlement, Physical Scheduling Plants, System Resources and all Participating Load, Reliability Demand Response Resources, and Proxy Demand Resources, the UIE Settlement Amount is calculated for each Settlement Interval as the product of its UIE MWh quantity and the applicable RTD LMP. The UIE Settlement Amount for non-Participating Load and MSS Demand under gross Settlement is settled as described in Section 11.5.2.2. For MSS Operators that have elected net Settlement, the UIE Settlement Amount is calculated for each Settlement Interval as the product of its
		and the simple average of the relevant Dispatch Interval LMPs. The Tier 2 UIE Settlement Amount for non-Participating Load and MSS Demand under gross Settlement is settled as described in Section 11.5.2.2. For MSS Operators that have elected net Settlement, the Tier 1 UIE Settlement Amount is calculated for each Settlement Interval as the product of its Tier 1 UIE quantity and its Real-Time Settlement Interval MSS Price, and the Tier 2 UIE Settlement Amount is calculated for each Settlement Interval as the product of its Tier 2 UIE quantity and the Real-Time Settlement Interval MSS Price.  ****	calculated for each Settlement Interval as the product of its Tier 2 UIE quantity and the simple average of the relevant Dispatch Interval LMPsapplicable RTD LMP. The-Tier 2 UIE Settlement Amount for non-Participating Load and MSS Demand under gross Settlement is settled as described in Section 11.5.2.2. For MSS Operators that have elected net Settlement, the Tier 1 UIE Settlement Amount is calculated for each Settlement Interval as the product of its Tier 1 UIE quantity and its Real-Time Settlement Interval MSS Price, and the Tier 2 UIE Settlement Amount is calculated for each Settlement Interval as the product of its Tier 2 UIE quantity and the Real-Time Settlement Interval MSS Price.  ****	UIE quantity and its Real-Time Settlement Interval MSS Price.  ****

Castiana	Franks and Trailff		[2] Mandard Trackfills and the filter with later off attraction	[2] Marshad Tariff Incomes from [4] added to account to
Section	Explanation of Tariff	[1] Marked Tariff language from filing with earlier effective	[2] Marked Tariff language from filing with later effective	[3] Marked Tariff language from [1] added to currently
	Overlap	date (or lower eTariff Record Priority value in the event both	date (or higher eTariff Record Priority value in the event	effective tariff record
		filings have the same effective date)	both filings have the same effective date)	
11.8.1.1,	Version 7.0.0 of the tariff	11.8.1.1 IFM Self-Commitment Period	11.8.1.1 IFM Self-Commitment Period	11.8.1.1 IFM Self-Commitment Period
11.8.1.2	record for Section 11.8.1			
	as filed with the Order	An IFM Self-Commitment Period for a Bid Cost Recovery	An IFM Self-Commitment Period for a Bid Cost Recovery	An IFM Self-Commitment Period for a Bid Cost Recovery
	764 Market Changes	Eligible Resource shall consist of one or more sets of	Eligible Resource shall consist of one or more sets of	Eligible Resource shall consist of one or more sets of
	Amendment, Nov. 26,	consecutive Trading Hours during which the relevant Bid	consecutive Trading Hours during which the relevant Bid	consecutive Trading Hours during which the relevant Bid
	2013, Docket No. ER14-	Cost Recovery Eligible Resource has either a Self-Schedule	Cost Recovery Eligible Resource has either a Self-Schedule	Cost Recovery Eligible Resource has either a Self-Schedule
	480, did not include the	or, except for Self-Provided Ancillary Services for Non-	or, except for Self-Provided Ancillary Services for Non-	or, except for Self-Provided Ancillary Services for Non-
	changes to these sections	Spinning Reserve by a Fast Start Unit, has a non-zero	Spinning Reserve by a Fast Start Unit, has a non-zero	Spinning Reserve by a Fast Start Unit, has a non-zero
	reflected in Version 6.0.0	amount of Self-Provided Ancillary Services. An IFM Self-	amount of Self-Provided Ancillary Services. An IFM Self-	amount of Self-Provided Ancillary Services. An IFM Self-
	as filed with the	Commitment Period for a Bid Cost Recovery Eligible	Commitment Period for a Bid Cost Recovery Eligible	Commitment Period for a Bid Cost Recovery Eligible
	Mandatory MSG Delay	Resource may not be less than the relevant Minimum Run	Resource may not be less than the relevant Minimum Run	Resource may not be less than the relevant Minimum Run
	Amendment, Oct. 17,	Time (MRT), rounded up to the next hour. Consequently, if a	Time (MRT), rounded up to the next hour. Consequently, if a	Time (MRT), rounded up to the next hour. Consequently, if a
	2013, Docket No. ER13-	Bid Cost Recovery Eligible Resource first self-commits in	Bid Cost Recovery Eligible Resource first self-commits in	Bid Cost Recovery Eligible Resource first self-commits in
	2063-001, and accepted	hour h of the Trading Day, the self-commitment will be	hour h of the Trading Day, the self-commitment will be	hour h of the Trading Day, the self-commitment will be
	by FERC Order March 20,	extended to hour h + MRT. Two IFM Self-Commitment	extended to hour h + MRT. Two IFM Self-Commitment	extended to hour h + MRT. Two IFM Self-Commitment
	2014 (146 FERC ¶	Periods for a Bid Cost Recovery Eligible Resource may not be	Periods for a Bid Cost Recovery Eligible Resource may not be	Periods for a Bid Cost Recovery Eligible Resource may not be
	61,191).	apart by less than the relevant Minimum Down Time (MDT)	apart by less than the relevant Minimum Down Time (MDT)	apart by less than the relevant Minimum Down Time (MDT)
		(rounded up to the next hour). Consequently, if a Bid Cost	(rounded up to the next hour). Consequently, if a Bid Cost	(rounded up to the next hour). Consequently, if a Bid Cost
		Recovery Eligible Resource has submitted a Self-Schedule or	Recovery Eligible Resource has submitted a Self-Schedule or	Recovery Eligible Resource has submitted a Self-Schedule or
		Submission to Self-Provide an Ancillary Service in hours h	Submission to Self-Provide an Ancillary Service in hours h	Submission to Self-Provide an Ancillary Service in hours h
		and h + n, and n is less than the MDT, the IFM Self-	and h + n, and n is less than the MDT, the IFM Self-	and h + n, and n is less than the MDT, the IFM Self-
		Commitment Period will be extended to the hours in	Commitment Period will be extended to the hours in	Commitment Period will be extended to the hours in
		between h and h + n inclusive. The number of IFM Self-	between h and h + n inclusive. The number of IFM Self-	between h and h + n inclusive. The number of IFM Self-
		Commitment Periods for a Bid Cost Recovery Eligible	Commitment Periods for a Bid Cost Recovery Eligible	Commitment Periods for a Bid Cost Recovery Eligible
		Resource within a Trading Day cannot exceed the relevant	Resource within a Trading Day cannot exceed the relevant	Resource within a Trading Day cannot exceed the relevant
		Maximum Daily Start-Ups (MDS), or MDS + 1 if the first IFM	Maximum Daily Start-Ups (MDS), or MDS + 1 if the first IFM	Maximum Daily Start-Ups (MDS), or MDS + 1 if the first IFM
		Self-Commitment Period is the continuation of an IFM or	Self-Commitment Period is the continuation of an IFM or	Self-Commitment Period is the continuation of an IFM or
		RUC Commitment Period from the previous Trading Day.	RUC Commitment Period from the previous Trading Day.	RUC Commitment Period from the previous Trading Day.
		Consequently, if a Bid Cost Recovery Eligible Resource has	Consequently, if a Bid Cost Recovery Eligible Resource has	Consequently, if a Bid Cost Recovery Eligible Resource has
		submitted a Self-Schedule or Submission to Self-Provide an	submitted a Self-Schedule or Submission to Self-Provide an	submitted a Self-Schedule or Submission to Self-Provide an
		Ancillary Service, such that after applying the preceding two	Ancillary Service, such that after applying the preceding two	Ancillary Service, such that after applying the preceding two
		rules, the number of disjoint Self Commitment Periods for	rules, the number of disjoint Self Commitment Periods for	rules, the number of disjoint Self Commitment Periods for
		the Operating Day exceeds the Maximum Daily Start-Ups	the Operating Day exceeds the Maximum Daily Start-Ups	the Operating Day exceeds the Maximum Daily Start-Ups
		(MDS), or MDS + 1 if the first IFM Self-Commitment Period is	(MDS), or MDS + 1 if the first IFM Self-Commitment Period is	(MDS), or MDS + 1 if the first IFM Self-Commitment Period is
		the continuation of an IFM or RUC Commitment Period from	the continuation of an IFM or RUC Commitment Period from	the continuation of an IFM or RUC Commitment Period from
		the previous Trading Day, the disjoint Self Commitment	the previous Trading Day, the disjoint Self Commitment	the previous Trading Day, the disjoint Self Commitment
		Periods with smallest time gap in between will be joined	Periods with smallest time gap in between will be joined	Periods with smallest time gap in between will be joined
		together to bring down the number of disjoint Self	together to bring down the number of disjoint Self	together to bring down the number of disjoint Self
		Commitment Periods to MDS or MDS +1 as relevant. To	Commitment Periods to MDS or MDS +1 as relevant. To	Commitment Periods to MDS or MDS +1 as relevant. To
		determine whether an extension of the IFM Self-	determine whether an extension of the IFM Self-	determine whether an extension of the IFM Self-
		Commitment Period applies for Multi-Stage Generating	Commitment Period applies for Multi-Stage Generating	Commitment Period applies for Multi-Stage Generating
		community criou applies for ward stage deficiating	Communicate remod applies for Main Stage Generating	Communicate remod applies for what stage deficialing

Resources, the CAISO will ensure that the respective Minimum Run Time and Minimum Down Time for both the Generating Unit or Dynamic Resource Specific System Resource and MSG Configuration levels are simultaneously respected.

#### 11.8.1.2 Real-Time Self-Commitment Period

A Real-Time Market Self-Commitment Period for a Bid Cost Recovery Eligible Resource shall consist of all consecutive Dispatch Intervals not in an IFM Commitment Period or a RUC Commitment Period where the Bid Cost Recovery Eligible Resource has a Self-Schedule or, except for Self-Provided Ancillary Services for Non-Spinning Reserve by a Fast Start Unit, has a non-zero amount of Self-Provided Ancillary Services. A Real-Time Market Self-Commitment Period for a Bid Cost Recovery Eligible Resource may not be less than the relevant MUT (rounded up to the next 15minute Commitment Interval) when considered jointly with any adjacent IFM Self-Commitment Period. For example, if a Bid Cost Recovery Eligible Resource self-commits at time h, the self-commitment will be extended to Commitment Interval h + MUT, unless an IFM or RUC Commitment Period exists starting after hour h, in which case the selfcommitment will be extended to Commitment Interval h + min (MUT, t), where t represents the time interval between the Real-Time Market Self-Commitment Period and the IFM or RUC Commitment Period. A Real-Time Market Self-Commitment Period for a Bid Cost Recovery Eligible Resource may not be apart from an IFM or RUC Commitment Period by less than the relevant MDT (rounded up to the next 15-minute Commitment Interval). For example, if a Bid Cost Recovery Eligible Resource selfcommits at time T1 and has a RUC Schedule at time T2 < T1, the Real-Time Market Self-Commitment Period will be extended to the interim Commitment Intervals if T1 - T2< MDT. The number of Real-Time Market Self-Commitment Periods for a Bid Cost Recovery Eligible Resource within a Trading Day, when considered jointly with any adjacent IFM Self-Commitment Period, may not exceed the relevant MDS (or MDS + 1 if the first Real-Time Market Self-Commitment Period is the continuation of a Real-Time Market Commitment Period from the previous Trading Day). For example, if a Bid Cost Recovery Eligible Resource selfResources, the CAISO will ensure that the respective Minimum Run Time and Minimum Down Time for both the Generating Unit or Dynamic Resource-Specific System Resource and MSG Configuration levels are simultaneously respected.

#### 11.8.1.2 Real-Time Self-Commitment Period

A Real-Time Market Self-Commitment Period for a Bid Cost Recovery Eligible Resource shall consist of all consecutive Dispatch Intervals not in an IFM Commitment Period or a RUC Commitment Period where the Bid Cost Recovery Eligible Resource has a Self-Schedule or, except for Self-Provided Ancillary Services for Non-Spinning Reserve by a Fast Start Unit, has a non-zero amount of Self-Provided Ancillary Services. A Real-Time Market Self-Commitment Period for a Bid Cost Recovery Eligible Resource may not be less than the relevant MUT (rounded up to the next 15minute Commitment Interval) when considered jointly with any adjacent IFM Self-Commitment Period. For example, if a Bid Cost Recovery Eligible Resource self-commits at time h, the self-commitment will be extended to Commitment Interval h + MUT, unless an IFM or RUC Commitment Period exists starting after hour h, in which case the selfcommitment will be extended to Commitment Interval h + min (MUT, t), where t represents the time interval between the Real-Time Market Self-Commitment Period and the IFM or RUC Commitment Period. A Real-Time Market Self-Commitment Period for a Bid Cost Recovery Eligible Resource may not be apart from an IFM or RUC Commitment Period by less than the relevant MDT (rounded up to the next 15-minute Commitment Interval). For example, if a Bid Cost Recovery Eligible Resource selfcommits at time T1 and has a RUC Schedule at time T2 < T1, the Real-Time Market Self-Commitment Period will be extended to the interim Commitment Intervals if T1 - T2< MDT. The number of Real-Time Market Self-Commitment Periods for a Bid Cost Recovery Eligible Resource within a Trading Day, when considered jointly with any adjacent IFM Self-Commitment Period, may not exceed the relevant MDS (or MDS + 1 if the first Real-Time Market Self-Commitment Period is the continuation of a Real-Time Market Commitment Period from the previous Trading Day). For example, if a Bid Cost Recovery Eligible Resource selfResources, the CAISO will ensure that the respective Minimum Run Time and Minimum Down Time for both the Generating Unit or Dynamic Resource-Specific System Resource-and MSG Configuration levels are simultaneously respected.

#### 11.8.1.2 Real-Time Self-Commitment Period

A Real-Time Market Self-Commitment Period for a Bid Cost Recovery Eligible Resource shall consist of all consecutive Dispatch Intervals not in an IFM Commitment Period or a RUC Commitment Period where the Bid Cost Recovery Eligible Resource has a Self-Schedule or, except for Self-Provided Ancillary Services for Non-Spinning Reserve by a Fast Start Unit, has a non-zero amount of Self-Provided Ancillary Services. A Real-Time Market Self-Commitment Period for a Bid Cost Recovery Eligible Resource may not be less than the relevant MUT (rounded up to the next 15minute Commitment Interval) when considered jointly with any adjacent IFM Self-Commitment Period. For example, if a Bid Cost Recovery Eligible Resource self-commits at time h, the self-commitment will be extended to Commitment Interval h + MUT, unless an IFM or RUC Commitment Period exists starting after hour h, in which case the selfcommitment will be extended to Commitment Interval h + min (MUT, t), where t represents the time interval between the Real-Time Market Self-Commitment Period and the IFM or RUC Commitment Period. A Real-Time Market Self-Commitment Period for a Bid Cost Recovery Eligible Resource may not be apart from an IFM or RUC Commitment Period by less than the relevant MDT (rounded up to the next 15-minute Commitment Interval). For example, if a Bid Cost Recovery Eligible Resource selfcommits at time T1 and has a RUC Schedule at time T2 < T1, the Real-Time Market Self-Commitment Period will be extended to the interim Commitment Intervals if T1 - T2< MDT. The number of Real-Time Market Self-Commitment Periods for a Bid Cost Recovery Eligible Resource within a Trading Day, when considered jointly with any adjacent IFM Self-Commitment Period, may not exceed the relevant MDS (or MDS + 1 if the first Real-Time Market Self-Commitment Period is the continuation of a Real-Time Market Commitment Period from the previous Trading Day). For example, if a Bid Cost Recovery Eligible Resource selfcommits at time T1 and has a RUC Schedule at time T2 > T1, the Real-Time Market Self-Commitment Period will be extended to the interim Commitment Intervals if an additional Real-Time Market Start-Up at T1 would violate the MDS constraint. To determine whether an extension of the RTM Self-Commitment Period applies for Multi-Stage Generating Resources, the CAISO will ensure that the respective Minimum Run Time and Minimum Down Time for both the Generating Unit or Dynamic Resource-Specific System Resource and MSG Configuration levels are simultaneously respected.

commits at time T1 and has a RUC Schedule at time T2 > T1, the Real-Time Market Self-Commitment Period will be extended to the interim Commitment Intervals if an additional Real-Time Market Start-Up at T1 would violate the MDS constraint. To determine whether an extension of the RTM Self-Commitment Period applies for Multi-Stage Generating Resources, the CAISO will ensure that the respective Minimum Run Time and Minimum Down Time for both the Generating Unit or Dynamic Resource-Specific System Resource and MSG Configuration levels are simultaneously respected.

commits at time T1 and has a RUC Schedule at time T2 > T1, the Real-Time Market Self-Commitment Period will be extended to the interim Commitment Intervals if an additional Real-Time Market Start-Up at T1 would violate the MDS constraint. To determine whether an extension of the RTM Self-Commitment Period applies for Multi-Stage Generating Resources, the CAISO will ensure that the respective Minimum Run Time and Minimum Down Time for both the Generating Unit or Dynamic Resource-Specific System Resource-and MSG Configuration levels are simultaneously respected.

		T	T	
Section	Explanation of Tariff	[1] Marked Tariff language from filing with earlier effective	[2] Marked Tariff language from filing with later effective	[3] Marked Tariff language from [1] added to currently
	Overlap	date (or lower eTariff Record Priority value in the event both	date (or higher eTariff Record Priority value in the event	effective tariff record
		filings have the same effective date)	both filings have the same effective date)	
11.8.2.1.5	Version 14.0.0 of the	11.8.2.1.5 IFM Energy Bid Cost	11.8.2.1.5 IFM Energy Bid Cost	11.8.2.1.5 IFM Energy Bid Cost
11.8.2.1.6	tariff record for Section	For any Settlement Interval, the IFM Energy Bid Cost for Bid	For any Settlement Interval, the IFM Energy Bid Cost for Bid	For any Settlement Interval, the IFM Energy Bid Cost for Bid
	11.8.2 as filed with the	Cost Recovery Eligible Resources, except Participating Loads,	Cost Recovery Eligible Resources, except Participating Loads,	Cost Recovery Eligible Resources, except Participating Loads,
	Order 764 Market	shall be the integral of the relevant Energy Bid submitted to	shall be the integral of the relevant Energy Bid <u>used in</u>	shall be the integral of the relevant Energy Bid used in the
	Changes Amendment,	the IFM, if any, from the higher of the registered Bid Cost	submitted to the IFM, if any, from the higher of the	IFM, if any, from the higher of the registered Bid Cost
	Nov. 26, 2013, Docket	Recovery Eligible Resource's Minimum Load and the Day-	registered Bid Cost Recovery Eligible Resource's Minimum	Recovery Eligible Resource's Minimum Load and the Day-
	No. ER14-480, did not	Ahead Total Self-Schedule up to the relevant MWh	Load and the Day-Ahead Total Self-Schedule up to the	Ahead Total Self-Schedule up to the relevant MWh
	include the changes to	scheduled in the Day-Ahead Schedule, divided by the	relevant MWh scheduled in the Day-Ahead Schedule,	scheduled in the Day-Ahead Schedule, divided by the
	these sections reflected	number of Settlement Intervals in a Trading Hour. The IFM	divided by the number of Settlement Intervals in a Trading	number of Settlement Intervals in a Trading Hour. The IFM
	in Version 13.0.0 as filed	Energy Bid Cost for Bid Cost Recovery Eligible Resources,	Hour. The IFM Energy Bid Cost for Bid Cost Recovery Eligible	Energy Bid Cost calculations are subject to the application of
	with the Mandatory MSG	except Participating Loads, and except for any portion of the	Resources, except Participating Loads, and except for any	the Day-Ahead Metered Energy Adjustment Factor, and the
	Delay Amendment, Oct.	Day-Ahead Schedule associated with an Energy Bid less than	portion of the Day-Ahead Schedule associated with an	Persistent Deviation Metric pursuant to the rules specified in
	17, 2013, Docket No.	zero, for any Settlement Interval is set to zero for any	Energy Bid less than zero, for any Settlement Interval is set	Section 11.8.2.5 and Section 11.17.2.3, respectively. In
	ER13-2063-001, and	portion of the Day-Ahead Schedule that is not delivered	to zero for any portion of the Day-Ahead Schedule that is	addition, if the CAISO commits a Bid Cost Recovery Eligible
	accepted by FERC Order	from the otherwise Bid Cost Recovery Eligible Resource that	not delivered from the otherwise Bid Cost Recovery Eligible	Resource in the Day-Ahead and receives a Day-Ahead
	March 20, 2014 (146	has metered Generation below its Day-Ahead Schedule; any	Resource that has metered Generation below its Day-Ahead	Schedule and subsequently the CAISO de-commits the
	FERC ¶ 61,191). Version	portion of the Day-Ahead Schedule that is actually delivered	Schedule; any portion of the Day-Ahead Schedule that is	resource in the Real-Time Market, the IFM Energy Bid Costs
	14.0.0 did, however,	remains eligible for IFM Energy Bid Cost Recovery. The	actually delivered remains eligible for IFM Energy Bid Cost	are subject to the Real-Time Performance Metric for each
	include changes to these	delivered portions of the Day-Ahead Schedule for this	Recovery. The IFM Energy Bid Cost calculations are subject	case specified in Section 11.8.4.4. If the CAISO commits a
	sections reflected in	calculation are determined using the Day-Ahead Metered	to delivered portions of the Day Ahead Schedule for this	Multi-Stage Generating Resource in the Day-Ahead Market
	Version 12.0.0 of the	Energy Adjustment Factor. The Day-Ahead Metered Energy	calculation are determined using the application of the Day-	and the resource receives a Day-Ahead Schedule and
	tariff record as filed with	Adjustment Factor is not applied to IFM Energy Bid Costs	Ahead Metered Energy Adjustment Factor, and the	subsequently the CAISO de-commits the Multi-Stage
	the RIMPR1 Bid Cost	that associate with Energy Bids that are less than zero. The	Persistent Deviation Metric pursuant to the rules specified in	Generating Resource to a lower MSG Configuration where
	Recovery Tariff	CAISO will determine the IFM Energy Bid Cost for a Multi-	Section 11.8.2.5 and Section 11.17.2.3, respectively. In	its Minimum Load capacity in the Real-Time Market is lower
	Amendment, Sep. 25,	Stage Generating Resource at the Generating Unit or	addition, if the CAISO commits a Bid Cost Recovery Eligible	than the CAISO IFM Commitment Period MSG
	2013, Docket No. ER13-	<del>Dynamic Resource-Specific System Resource-</del> level. The	Resource in the Day-Ahead and receives a Day-Ahead	Configuration's Minimum Load, the resource's IFM Energy
	2452-000; the redline	CAISO will determine the applicable net IFM Energy Bid Cost	Schedule and subsequently the CAISO de-commits the	Bid Costs are subject to the Real-Time Performance Metric
	changes shown on the	surplus or net IFM Energy Bid Cost shortfalls as described in	resource in the Real-Time Market, the IFM Energy Bid Costs	for each case specified in Section 11.8.4.4. The CAISO will
	right in Column 2 are	Section 11.8.2.4.	are subject to the Real-Time Performance Metric for each	determine the IFM Energy Bid Cost for a Multi-Stage
	those made by the		case specified in Section 11.8.4.4. If the CAISO commits a	Generating Resource at the Generating Unit or Dynamic
	RIMPR1 Amendment.		Multi-Stage Generating Resource in the Day-Ahead Market	Resource-Specific System Resource level.
			and the resource receives a Day-Ahead Schedule and	
			subsequently the CAISO de-commits the Multi-Stage	
			Generating Resource to a lower MSG Configuration where	
			its Minimum Load capacity in the Real-Time Market is lower	
			than the CAISO IFM Commitment Period MSG	
			Configuration's Minimum Load, the resource's IFM Energy	
			Bid Costs are subject to the Real-Time Performance Metric	
			for each case specified in Section 11.8.4.4. The Day-Ahead Metered Energy Adjustment Factor is not applied to IFM	
			Energy Bid Costs that associate with Energy Bids that are	
			Energy Bid Costs that associate with Energy Bids that are	

# 11.8.2.1.6 IFM AS Bid Cost

For any Settlement Interval, the IFM AS Bid Cost shall be the product of the IFM AS Award from each accepted IFM AS Bid and the relevant AS Bid Price, divided by the number of Settlement Intervals in a Trading Hour. The CAISO will determine and calculate IFM AS Bid Cost for a Multi-Stage Generating Resource at the Generating Unit or Dynamic Resource-Specific System Resource level. The IFM AS Bid Cost shall also include Mileage Bid Costs. For any Settlement Interval, the IFM Mileage Bid Cost shall be the product of Instructed Mileage associated with a Day Ahead Regulation capacity award, as adjusted for accuracy consistent with Section 11.10.1.7, and the relevant Mileage Bid price, divided by the number of Settlement Intervals in a Trading Hour. The CAISO will determine and calculate IFM Mileage Bid Cost for a Multi-Stage Generating Resource at the Generating Unit or Dynamic Resource-Specific System Resource level.

less than zero. The CAISO will determine the IFM Energy Bid Cost for a Multi-Stage Generating Resource at the Generating Unit or Dynamic Resource-Specific System Resource level. The CAISO will determine the applicable net IFM Energy Bid Cost surplus or net IFM Energy Bid Cost shortfalls as described in Section 11.8.2.4.

#### 11.8.2.1.6 IFM AS Bid Cost

For any Settlement Interval, the IFM AS Bid Cost shall be the product of the IFM AS Award from each accepted IFM AS Bid and the relevant AS Bid Price, divided by the number of Settlement Intervals in a Trading Hour. The CAISO will determine and calculate IFM AS Bid Cost for a Multi-Stage Generating Resource at the Generating Unit or Dynamic Resource-Specific System Resource level. The IFM AS Bid Cost shall also include Mileage Bid Costs. For any Settlement Interval, the IFM Mileage Bid Cost shall be the product of Instructed Mileage associated with a Day Ahead Regulation capacity award, as adjusted for accuracy consistent with Section 11.10.1.7, and the relevant Mileage Bid price, divided by the number of Settlement Intervals in a Trading Hour. The CAISO will determine and calculate IFM Mileage Bid Cost for a Multi-Stage Generating Resource at the Generating Unit or Dynamic Resource-Specific System Resource level.

#### 11.8.2.1.6 IFM AS Bid Cost

For any Settlement Interval, the IFM AS Bid Cost shall be the product of the IFM AS Award from each accepted IFM AS Bid and the relevant AS Bid Price, divided by the number of Settlement Intervals in a Trading Hour. The CAISO will determine and calculate IFM AS Bid Cost for a Multi-Stage Generating Resource at the Generating Unit or Dynamic Resource-Specific System Resource level. The IFM AS Bid Cost shall also include Mileage Bid Costs. For any Settlement Interval, the IFM Mileage Bid Cost shall be the product of Instructed Mileage associated with a Day Ahead Regulation capacity award, as adjusted for accuracy consistent with Section 11.10.1.7, and the relevant Mileage Bid price, divided by the number of Settlement Intervals in a Trading Hour. The CAISO will determine and calculate IFM Mileage Bid Cost for a Multi-Stage Generating Resource at the Generating Unit or Dynamic Resource-Specific System Resource level.

Section	Explanation of Tariff Overlap
11.8.3, 11.8.3.1.1, 11.8.3.1.2, 11.8.3.1.4.1, 11.8.3.2 11.8.3.3.2	Version 10.0.0 of the tariff record for Section 11.8.3 as filed with the Mandatory MSG Delay Amendment, Oct. 17, 2013, Docket No. ER13-2063-001, did not include the changes to these sections reflected in Version 9.0.0 as filed with the Renewable Integration Market Product Review (RIMPR1) Bid Cost Recovery Tariff Amendment, Sept. 25, 2013, Docket No. ER13-2452, and accepted by FERC Order Dec. 19, 2013 (145 FERC ¶ 61,254).

[1] Marked Tariff language from filing with earlier effective date (or lower eTariff Record Priority value in the event both filings have the same effective date)

# 11.8.3 RUC Bid Cost Recovery Amount

For purposes of determining the RUC Unrecovered Bid Cost Uplift Payments as determined in Section 11.8.5 and for the purposes of allocating Net RUC Bid Cost Uplift as described in Section 11.8.6.5, the CAISO shall calculate the RUC Bid Cost Shortfall or the RUC Bid Cost Surplus as the algebraic difference between the RUC Bid Cost and the RUC Market Revenues for each Bid Cost Recovery Eligible Resource for each Settlement Interval. The RUC Bid Costs shall be calculated pursuant to Section 11.8.3.1 and the RUC Market Revenues shall be calculated pursuant to Section 11.8.3.2. The CAISO will include Bid Cost Recovery costs related to Short Start Units committed in Real-Time because as a result of awarded RUC Capacity will be included in RTMRUC Compensation Costs.

# 11.8.3.1.1 RUC Start-Up Cost

The RUC Start-Up Cost for any Settlement Interval in a RUC Commitment Period shall consist of Start-Up Cost of the Bid Cost Recovery Eligible Resource submitted to the CAISO for the applicable RUC Commitment Period divided by the number of Settlement Intervals in the applicable RUC Commitment Period. For each Settlement Interval, only the RUC Start-Up Cost in a CAISO RUC Commitment Period is eligible for Bid Cost Recovery. The CAISO will determine the RUC Start-Up Cost for a Multi-Stage Generating Resource based on the MSG Configuration committed by the CAISO in RUC.

The following rules shall be applied in sequence and shall qualify the RUC Start-Up Cost in a RUC Commitment Period:

- (a) The RUC Start-Up Cost for a RUC Commitment Period is zero if there is an IFM Commitment Period within that RUC Commitment Period.
- (b) The RUC Start-Up Cost for a RUC Commitment Period is zero if the Bid Cost Recovery Eligible Resource is manually pre-dispatched under an RMR Contract prior to the Day-Ahead Market or is flagged as an RMR Dispatch in the Day-Ahead Schedule anywhere within that RUC Commitment Period.

[2] Marked Tariff language from filing with later effective date (or higher eTariff Record Priority value in the event both filings have the same effective date)

### 11.8.3 RUC Bid Cost Recovery Amount

For purposes of determining the RUC Unrecovered Bid Cost Uplift Payments as determined in Section 11.8.5 and for the purposes of allocating Net RUC Bid Cost Uplift as described in Section 11.8.6.5, the CAISO shall calculate the RUC Bid Cost Shortfall or the RUC Bid Cost Surplus as the algebraic difference between the RUC Bid Cost and the RUC Market Revenues for each Bid Cost Recovery Eligible Resource for each Settlement Interval. The RUC Bid Costs shall be calculated pursuant to Section 11.8.3.1 and the RUC Market Revenues shall be calculated pursuant to Section 11.8.3.2. Bid Cost Recovery costs related to Short Start Units committed in Real-Time as a result of awarded RUC Capacity will be included in RUC Compensation Costs.

# 11.8.3.1.1 RUC Start-Up Cost

The RUC Start-Up Cost for any Settlement Interval in a RUC Commitment Period shall consist of Start-Up Cost of the Bid Cost Recovery Eligible Resource submitted to the CAISO for the applicable RUC Commitment Period divided by the number of Settlement Intervals in the applicable RUC Commitment Period. For each Settlement Interval, only the RUC Start-Up Cost in a CAISO RUC Commitment Period is eligible for Bid Cost Recovery. The CAISO will determine the RUC Start-Up Cost for a Multi-Stage Generating Resource based on the MSG Configuration committed by the CAISO in RUC.

The following rules shall be applied in sequence and shall qualify the RUC Start-Up Cost in a RUC Commitment Period:

- (a) The RUC Start-Up Cost for a RUC Commitment Period is zero if there is an IFM Commitment Period within that RUC Commitment Period.
- (b) The RUC Start-Up Cost for a RUC Commitment Period is zero if the Bid Cost Recovery Eligible Resource is manually pre-dispatched under an RMR Contract prior to the Day-Ahead Market or is flagged as an RMR Dispatch in the Day-Ahead Schedule anywhere within that RUC Commitment Period.

[3] Marked Tariff language from [1] added to currently effective tariff record

### 11.8.3 RUC Bid Cost Calculation

For purposes of determining the RUC Unrecovered Bid Cost Uplift Payments as determined in Section 11.8.5 and for the purposes of allocating Net RUC Bid Cost Uplift as described in Section 11.8.6.5, the CAISO shall calculate the RUC Bid Cost Shortfall or the RUC Bid Cost Surplus as the algebraic difference between the RUC Bid Cost and the RUC Market Revenues for each Bid Cost Recovery Eligible Resource for each Settlement Interval. The RUC Bid Costs shall be calculated pursuant to Section 11.8.3.1 and the RUC Market Revenues shall be calculated pursuant to Section 11.8.3.2. The CAISO will include Bid Cost Recovery costs related to Short Start Units committed in Real-Time because as a result of awarded RUC Capacity will be included in RTMRUC Compensation Costs.

# 11.8.3.1.1 RUC Start-Up Cost

The RUC Start-Up Cost for any Settlement Interval in a RUC Commitment Period shall consist of Start-Up Cost of the Bid Cost Recovery Eligible Resource submitted to the CAISO for the applicable RUC Commitment Period divided by the number of Settlement Intervals in the applicable RUC Commitment Period. For each Settlement Interval, only the RUC Start-Up Cost in a CAISO RUC Commitment Period is eligible for Bid Cost Recovery. The CAISO will determine the RUC Start-Up Cost for a Multi-Stage Generating Resource based on the MSG Configuration committed by the CAISO in RUC.

The following rules shall be applied in sequence and shall qualify the RUC Start-Up Cost in a RUC Commitment Period:

- (a) The RUC Start-Up Cost for a RUC Commitment Period is zero if there is an IFM Commitment Period within that RUC Commitment Period.
- b) The RUC Start-Up Cost for a RUC Commitment Period is zero if the Bid Cost Recovery Eligible Resource is manually pre-dispatched under an RMR Contract prior to the Day-Ahead Market or is flagged as an RMR Dispatch in the Day-Ahead Schedule anywhere within that RUC Commitment Period.

- (c) The RUC Start-Up Cost for a RUC Commitment Period is zero if there is no RUC Start-Up at the start of that RUC Commitment Period because the RUC Commitment Period is the continuation of an IFM, RUC, or RTM Commitment Period from the previous Trading Day.
- (d) The RUC Start-Up Cost for a RUC Commitment Period is zero if the Start-Up is delayed beyond the RUC Commitment Period in question or cancelled by the Real-Time Market prior to the Bid Cost Recovery Eligible Resource starting its start-up process.
- (e) If a RUC Start-Up is terminated in the Real-Time within the applicable RUC Commitment Period through an Exceptional Dispatch Shut-Down Instruction issued while the Bid Cost Recovery Eligible Resource is starting up the, RUC Start-Up Cost is prorated by the ratio of the Start-Up Time before termination over the RUC Start-Up Time.
- (f) The RUC Start-Up Cost for a RUC Commitment Period is qualified if an actual Start-Up occurs within that RUC Commitment Period. An actual Start-Up is detected between two consecutive Settlement Intervals when the relevant metered Energy in the applicable Settlement Intervals increases from below the Minimum Load Energy and reaches or exceeds the relevant Minimum Load Energy. The Minimum Load Energy is the product of the relevant Minimum Load and the duration of the Settlement Interval. The CAISO will determine the Minimum Load Energy for Multi-Stage Generating Resources based on the CAISO-committed MSG Configuration.
- (g) The RUC Start-Up Cost shall be qualified if an actual Start-Up occurs earlier than the start of the RUC Start-Up, if the relevant Start-Up is still within the same Trading Day and the Bid Cost Recovery Eligible Resource actually stays on until the RUC Start-Up, otherwise the Start-Up Cost is zero for the RUC Commitment Period. An actual Start-Up is detected when the relevant metered Energy in the applicable Settlement Intervals indicates the unit is Off before the time the resource is instructed to be On as specified in its

- (c) The RUC Start-Up Cost for a RUC Commitment Period is zero if there is no RUC Start-Up at the start of that RUC Commitment Period because the RUC Commitment Period is the continuation of an IFM, RUC, or RTM Commitment Period from the previous Trading Day.
- (d) The RUC Start-Up Cost for a RUC Commitment Period is zero if the Start-Up is delayed beyond the RUC Commitment Period in question or cancelled by the Real-Time Market prior to the Bid Cost Recovery Eligible Resource starting its start-up process.
- (e) If a RUC Start-Up is terminated in the Real-Time within the applicable RUC Commitment Period through an Exceptional Dispatch Shut-Down Instruction issued while the Bid Cost Recovery Eligible Resource is starting up the, RUC Start-Up Cost is prorated by the ratio of the Start-Up Time before termination over the RUC Start-Up Time.
- (f) The RUC Start-Up Cost for a RUC Commitment Period is qualified if an actual Start-Up occurs within that RUC Commitment Period. An actual Start-Up is detected between two consecutive Settlement Intervals when the relevant metered Energy in the applicable Settlement Intervals increases from below the Minimum Load Energy and reaches or exceeds the relevant Minimum Load Energy. The Minimum Load Energy is the product of the relevant Minimum Load and the duration of the Settlement Interval. The CAISO will determine the Minimum Load Energy for Multi-Stage Generating Resources based on the CAISO-committed MSG Configuration.
- (g) The RUC Start-Up Cost shall be qualified if an actual Start-Up occurs earlier than the start of the RUC Start-Up, if the relevant Start-Up is still within the same Trading Day and the Bid Cost Recovery Eligible Resource actually stays on until the RUC Start-Up, otherwise the Start-Up Cost is zero for the RUC Commitment Period.

- (c) The RUC Start-Up Cost for a RUC Commitment Period is zero if there is no RUC Start-Up at the start of that RUC Commitment Period because the RUC Commitment Period is the continuation of an IFM, RUC, or RTM Commitment Period from the previous Trading Day.
- (d) The RUC Start-Up Cost for a RUC Commitment Period is zero if the Start-Up is delayed beyond the RUC Commitment Period in question or cancelled by the Real-Time Market prior to the Bid Cost Recovery Eligible Resource starting its start-up process.
- (e) If a RUC Start-Up is terminated in the Real-Time within the applicable RUC Commitment Period through an Exceptional Dispatch Shut-Down Instruction issued while the Bid Cost Recovery Eligible Resource is starting up the, RUC Start-Up Cost is prorated by the ratio of the Start-Up Time before termination over the RUC Start-Up Time.
- (f) The RUC Start-Up Cost for a RUC Commitment Period is qualified if an actual Start-Up occurs within that RUC Commitment Period. An actual Start-Up is detected between two consecutive Settlement Intervals when the relevant metered Energy in the applicable Settlement Intervals increases from below the Minimum Load Energy and reaches or exceeds the relevant Minimum Load Energy. The Minimum Load Energy is the product of the relevant Minimum Load and the duration of the Settlement Interval. The CAISO will determine the Minimum Load Energy for Multi-Stage Generating Resources based on the CAISO-committed MSG Configuration.
- (g) The RUC Start-Up Cost shall be qualified if an actual Start-Up occurs-earlier than the start of the RUC Start-Up, if the relevant Start-Up is still within the same Trading Day and the Bid Cost Recovery Eligible Resource actually stays on until the RUC Start-Up, otherwise the Start-Up Cost is zero for the RUC Commitment Period. An actual Start-Up is detected when the relevant metered Energy in the applicable Settlement Intervals indicates the unit is Off before the time the resource is instructed to be On as specified in its

Start Up Instruction and is On in the Settlement Intervals that fall within the CAISO RUC Commitment Period.

#### 11.8.3.1.2 RUC Minimum Load Cost

The Minimum Load Cost for the applicable Settlement Interval shall be the Minimum Load Cost of the Bid Cost Recovery Eligible Resource divided by the number of Settlement Intervals in a Trading Hour. For each Settlement Interval, only the RUC Minimum Load Cost in a CAISO RUC Commitment Period is eligible for Bid Cost Recovery. The RUC Minimum Load Cost for any Settlement Interval is zero if: (1) the Bid Cost Recovery Eligible Resource is manually pre-dispatched under an RMR Contract or the resource is flagged as an RMR Dispatch in the Day-Ahead Schedule in that Settlement Interval; (2) the Bid Cost Recovery Eligible Resource is not actually Oncommitted or Dispatched in the Real-time Market in the applicable Settlement Interval; or (3) the applicable Settlement Interval is included in an IFM Commitment Period. For the purposes of determining RUC Minimum Load Cost, for a Bid Cost Recovery Eligible Resource recovery of the RUC Minimum Load Costs is subject to the Real-Time Performance Metric as specified in Section 11.8.4.4. -except for a Multi-Stage Generating Resource, is assumed to be On if its metered Energy in a Settlement Interval is equal to or greater than the difference between its Minimum Load Energy and the Tolerance Band. Otherwise, such non-Multi-Stage Generating Resources are determined to be Off. For Multi-Stage Generating Resources, the commitment period is determined based on application of section 11.8.1.3. If application of section 11.8.1.3 dictates that RUC is the commitment period, then the calculation of the RUC Minimum Load Costs will depend on whether the metered MSG Configuration is equal to or different from the RUC committed MSG Configuration. If the metered MSG Configuration is equal to the RUC committed MSG Configuration, then the RUC Minimum Loa Costs will be based on the Minimum Load Costs of the RUC committed MSG Configuration. If the metered MSG Configuration is different from the RUC committed MSG Configuration, then the RUC Minimum Load Costs will be based on the lower of the Minimum Load Costs of the metered MSG Configuration and the Minimum Load Costs of the RUC committed MSG Configuration. The metered MSG

### 11.8.3.1.2 RUC Minimum Load Cost

The Minimum Load Cost for the applicable Settlement Interval shall be the Minimum Load Cost of the Bid Cost Recovery Eligible Resource divided by the number of Settlement Intervals in a Trading Hour. For each Settlement Interval, only the RUC Minimum Load Cost in a CAISO RUC Commitment Period is eligible for Bid Cost Recovery. The RUC Minimum Load Cost for any Settlement Interval is zero if: (1) the Bid Cost Recovery Eligible Resource is manually pre-dispatched under an RMR Contract or the resource is flagged as an RMR Dispatch in the Day-Ahead Schedule in that Settlement Interval; (2) the Bid Cost Recovery Eligible Resource is not actually On in the applicable Settlement Interval; or (3) the applicable Settlement Interval is included in an IFM Commitment Period. For the purposes of determining RUC Minimum Load Cost, a Bid Cost Recovery Eligible Resource, except for a Multi-Stage Generating Resource, is assumed to be On if its metered Energy in a Settlement Interval is equal to or greater than the difference between its Minimum Load Energy and the Tolerance Band. Otherwise, such non-Multi-Stage Generating Resources are determined to be Off. For Multi-Stage Generating Resources, the commitment period is further determined based on application of section 11.8.1.3. If application of section 11.8.1.3 dictates that RUC is the commitment period, then the calculation of the RUC Minimum Load Costs will depend on whether the metered MSG Configuration is equal to or different from the RUC committed MSG Configuration. If the metered MSG Configuration is equal to the RUC committed MSG Configuration, then the RUC Minimum Load Costs will be based on the Minimum Load Costs of the RUC committed MSG Configuration. If the metered MSG Configuration is different from the RUC committed MSG Configuration, then the RUC Minimum Load Costs will be based on the lower of the Minimum Load Costs of the metered MSG Configuration and the Minimum Load Costs of the RUC committed MSG Configuration. The metered MSG Configuration is determined based on the highest MSG Configuration submitted to the RUC for which the Metered Data is within or above the three (3) percent

Start Up Instruction and is On in the Settlement Intervals that fall within the CAISO RUC Commitment Period.

### 11.8.3.1.2 RUC Minimum Load Cost

The Minimum Load Cost for the applicable Settlement Interval shall be the Minimum Load Cost of the Bid Cost Recovery Eligible Resource divided by the number of Settlement Intervals in a Trading Hour. For each Settlement Interval, only the RUC Minimum Load Cost in a CAISO RUC Commitment Period is eligible for Bid Cost Recovery. The RUC Minimum Load Cost for any Settlement Interval is zero if: (1) the Bid Cost Recovery Eligible Resource is manually pre-dispatched under an RMR Contract or the resource is flagged as an RMR Dispatch in the Day-Ahead Schedule in that Settlement Interval; (2) the Bid Cost Recovery Eligible Resource is not committed or Dispatched in the Real-time Market in the applicable Settlement Interval; or (3) the applicable Settlement Interval is included in an IFM Commitment Period. For the purposes of determining RUC Minimum Load Cost, for a Bid Cost Recovery Eligible Resource recovery of the RUC Minimum Load Costs is subject to the Real-Time Performance Metric as specified in Section 11.8.4.4., except for a Multi-Stage Generating Resource, is assumed to be On if its metered Energy in a Settlement Interval is equal to or greater than the difference between its Minimum Load Energy and the Tolerance Band. Otherwise, such non-Multi-Stage Generating Resources are determined to be Off. For Multi-Stage Generating Resources, the commitment period is further determined based on application of section 11.8.1.3. If application of section 11.8.1.3 dictates that RUC is the commitment period, then the calculation of the RUC Minimum Load Costs will depend on whether the metered MSG Configuration is equal to or different from the RUC committed MSG Configuration. If the metered MSG Configuration is equal to the RUC committed MSG Configuration, then the RUC Minimum Load Costs will be based on the Minimum Load Costs of the RUC committed MSG Configuration. If the metered MSG Configuration is different from the RUC committed MSG Configuration, then the RUC Minimum Load Costs will be based on the lower of the Minimum Load Costs of the metered MSG Configuration and the Minimum Load Costs of the RUC committed MSG Configuration. The

Configuration is determined based on the highest MSG Configuration submitted to the RUC for which the Metered Data is within or above the three (3) percent (or 5 MW) Tolerance Band of the PMin of that highest MSG Configuration submitted to the RUC. Between two (2) (or more) MSG Configurations, the highest MSG Configuration is the MSG Configuration with the PMin value that is the greatest MW value. The RUC Minimum Load Cost calculation will be subject to the Shut-Down State Variable and disqualified as specified in Section 11.17.2.

(or 5 MW) Tolerance Band of the PMin of that highest MSG Configuration submitted to the RUC. Between two (2) (or more) MSG Configurations, the highest MSG Configuration is the MSG Configuration with the PMin value that is the greatest MW value.

highest MSG Configuration submitted to the RUC for which the Metered Data is within or above the three (3) percent (or 5 MW) Tolerance Band of the PMin of that highest MSG Configuration submitted to the RUC. Between two (2) (or more) MSG Configurations, the highest MSG Configuration is the MSG Configuration with the PMin value that is the greatest MW value. The RUC Minimum Load Cost calculation will be subject to the Shut-Down State Variable and disqualified as specified in Section 11.17.2.

\* \* \* \*

metered MSG Configuration is determined based on the

\* \* \* \*

# 11.8.3.1.4.1 RUC Transition Costs Applicability

Within any eligible RUC CAISO Commitment Period determined pursuant to the rules specified in Section 11.8.1.3, the CAISO shall apply the RUC Transition Costs for the Settlement Intervals in which the Multi-Stage Generating Resources is actually transitioning from the "from" MSG Configuration and reaches the Minimum Load of the "to" MSG Configuration to which the Multi-Stage Generating Resource is transitioning, subject to the Tolerance Band.

\* \* \* \*

### 11.8.3.3.2 MSS Elected Net Settlement

For an MSS Operator that has elected net Settlement, regardless of other MSS optional elections (Load following or RUC opt-in or out), the RUC Bid Costs and RUC Market Revenue are calculated combined with RTM Bid Cost and and RTM Market Revenue on an MSS level, consistent with the Energy Settlement as calculated according to Section 11.8.4.3.2. The RUC Bid Cost Shortfall or Surplus is also settled at the MSS level as opposed to the individual resource level as is done for MSS Operators that have elected gross Settlement.

11.8.3.1.4.1 RUC Transition Costs Applicability

Within any eligible RUC CAISO Commitment Period determined pursuant to the rules specified in Section 11.8.1.3, the CAISO shall apply the RUC Transition Costs for the Settlement Intervals in which the Multi-Stage Generating Resources reaches the Minimum Load of the MSG Configuration to which the Multi-Stage Generating Resource is transitioning, subject to the Tolerance Band.

\* \* \* \*

\* \* \* \*

#### 11.8.3.3.2 MSS Elected Net Settlement

For an MSS Operator that has elected net Settlement, regardless of other MSS optional elections (Load following or RUC opt-in or out), the RUC Bid Costs and RUC Market Revenue are calculated on an MSS level, consistent with the Energy Settlement. The RUC Bid Cost Shortfall or Surplus is also settled at the MSS level as opposed to the individual resource level as is done for MSS Operators that have elected gross Settlement.

# 11.8.3.1.4.1 RUC Transition Costs Applicability

Within any eligible RUC CAISO Commitment Period determined pursuant to the rules specified in Section 11.8.1.3, the CAISO shall apply the RUC Transition Costs for the Settlement Intervals in which the Multi-Stage Generating Resources is actually transitioning from the "from" MSG Configuration and reaches the Minimum Load of the "to" MSG Configuration to which the Multi-Stage Generating Resource is transitioning, subject to the Tolerance Band.

\* \* \* :

#### 11.8.3.3.2 MSS Elected Net Settlement

For an MSS Operator that has elected net Settlement, regardless of other MSS optional elections (Load following or RUC opt-in or out), the RUC Bid Costs and RUC Market Revenue are calculated combined with RTM Bid Cost and RTM Market Revenue on an MSS level, consistent with the Energy Settlement as calculated according to Section 11.8.4.3.2. The RUC Bid Cost Shortfall or Surplus is also settled at the MSS level as opposed to the individual resource level as is done for MSS Operators that have elected gross Settlement.

Section	Explanation of Tariff	[1] Marked Tariff language from filing with earlier effective	[2] Marked Tariff language from filing with later effective	[3] Marked Tariff language from [1] added to currently
	Overlap	date (or lower eTariff Record Priority value in the event both	date (or higher eTariff Record Priority value in the event	effective tariff record
		filings have the same effective date)	both filings have the same effective date)	
11.8.5,	Version 6.0.0 of the tariff	11.8.5 Unrecovered Bid Cost Uplift Payment	11.8.5 Unrecovered Bid Cost Uplift Payment	11.8.5 Unrecovered Bid Cost Uplift Payment
11.8.5.1,	record for Section 11.8.5			
11.8.5.2	as filed with the	Bid Cost Recovery Eligible Resources will receive an	Scheduling Coordinators shall receive an Unrecovered Bid	Bid Cost Recovery Eligible Resources will receive an
	Mandatory MSG Delay	<u>Unrecovered Bid Cost Uplift Payment as described in this</u>	Cost Uplift Payment for a Bid Cost Recovery Eligible	<u>Unrecovered Bid Cost Uplift Payment as described in this</u>
	Amendment, Oct. 17,	Section below. For Multi-Stage Generating Resources,	Resource, including resources for MSS Operators that have	Section below. For Multi-Stage Generating Resources,
	2013, Docket No. ER13-	<u>Unrecovered Bid Cost Uplift Payments will be calculated and</u>	elected gross Settlement, if the net of all IFM Bid Cost	Unrecovered Bid Cost Uplift Payments will be calculated and
	2063-001, did not include	made at the Generating Unit level and not the MSG	Shortfalls and IFM Bid Cost Surpluses calculated pursuant to	made at the Generating Unit level and not the MSG
	the changes to these	Configuration level. MSS Bid Cost Recovery Eligible	Section 11.8.2, RUC Bid Cost Shortfalls and RUC Bid Cost	Configuration level. MSS Bid Cost Recovery Eligible
	sections reflected in	Resources by MSS Operators that have elected net	Surpluses calculated pursuant to Section 11.8.3, and the	Resources by MSS Operators that have elected net
	Version 5.0.0 as filed	settlement will receive Unrecovered Bid Cost Uplift Payment	RTM Bid Cost Shortfalls and RTM Bid Cost Surpluses	settlement will receive Unrecovered Bid Cost Uplift Payment
	with the Renewable	for MSS Bid Cost Recovery Eligible Resources at the MSS	calculated pursuant to Section 11.8.4 for that Bid Cost	for MSS Bid Cost Recovery Eligible Resources at the MSS
	Integration Market	level and not by individual resource. MSS Bid Cost Recovery	Recovery Eligible Resource over a Trading Day is positive.	level and not by individual resource. MSS Bid Cost Recovery
	Product Review (RIMPR1)	Eligible Resources by MSS Operators that have elected gross	For Multi-Stage Generating Resources, Unrecovered Bid Cost	Eligible Resources by MSS Operators that have elected gross
	Bid Cost Recovery Tariff	settlement will receive Unrecovered Bid Cost Uplift	Uplift Payments will be calculated and made at the	settlement will receive Unrecovered Bid Cost Uplift
	Amendment, Sept. 25,	Payments at the MSS Bid Cost Recovery Eligible Resource	Generating Unit level or Dynamic Resource-Specific System	Payments at the MSS Bid Cost Recovery Eligible Resource
	2013, Docket No. ER13-	level like all other resources.	Resource and not the MSG Configuration level. For MSS	level like all other resources.
	2452, and accepted by		Operators that have elected net Settlement, the	
	FERC Order Dec. 19, 2013	11.8.5.1 IFM Unrecovered Bid Cost Uplift Payment	Unrecovered Bid Cost Uplift Payment is at the MSS level.	11.8.5.1 IFM Unrecovered Bid Cost Uplift Payment
	(145 FERC ¶ 61,254).		The MSS IFM, RUC, and RTM Bid Cost Shortfall or IFM. RUC,	
1		Scheduling Coordinators shall receive an IFM Unrecovered	and RTM Bid Cost Surplus for each market for each Trading	Scheduling Coordinators shall receive an IFM Unrecovered
		Bid Cost Uplift Payment for a Bid Cost Recovery Eligible	Hour is the sum of the IFM, RUC, and RTM Bid Cost	Bid Cost Uplift Payment for a Bid Cost Recovery Eligible
		Resource, including resources for MSS Operators that have	Shortfalls and IFM. RUC, and RTM Bid Cost Surpluses for all	Resource, including resources for MSS Operators that have
		elected gross Settlement, if the net of all IFM Bid Cost	resources in the MSS. Scheduling Coordinators for MSS	elected gross Settlement, if the net of all IFM Bid Cost
		Shortfalls and IFM Bid Cost Surpluses calculated pursuant to	Operators that have elected net Settlement will receive an	Shortfalls and IFM Bid Cost Surpluses calculated pursuant to
		Section 11.8.2 <del>, RUC Bid Cost Shortfalls and RUC Bid Cost</del>	Unrecovered Bid Cost Uplift Payment if the net of all IFM,	Section 11.8.2 <del>, RUC Bid Cost Shortfalls and RUC Bid Cost</del>
		Surpluses calculated pursuant to Section 11.8.3, and the	RUC, and RTM Bid Cost Shortfalls and IFM, RUC, and RTM	Surpluses calculated pursuant to Section 11.8.3, and the
		RTM Bid Cost Shortfalls and RTM Bid Cost Surpluses	Bid Cost Surpluses for that MSS over a Trading Day is	RTM Bid Cost Shortfalls and RTM Bid Cost Surpluses
		calculated pursuant to Section 11.8.4 for that Bid Cost Recovery Eligible Resource over a Trading Day is positive.	positive.	calculated pursuant to Section 11.8.4 for that Bid Cost Recovery Eligible Resource over a Trading Day is positive.
		For Multi-Stage Generating Resources, Unrecovered Bid		For Multi-Stage Generating Resources, Unrecovered Bid
		Cost Uplift Payments will be calculated and made at the		Cost Uplift Payments will be calculated and made at the
		Generating Unit level or Dynamic Resource-Specific System		Generating Unit level and not the MSG Configuration level.
		Resource and not the MSG Configuration level. For MSS		For MSS Operators that have elected net Settlement, the
		Operators that have elected net Settlement, the		Unrecovered Bid Cost Uplift Payment is at the MSS level.
		Unrecovered Bid Cost Uplift Payment is at the MSS level.		The MSS IFM. RUC. and RTM Bid Cost Shortfall or IFM. RUC.
		The MSS IFM, RUC, and RTM Bid Cost Shortfall or IFM. RUC,		and RTM Bid Cost Surplus for each market for each Trading
		and RTM Bid Cost Surplus for each market for each Trading		Hour is the sum of the IFM, RUC, and RTM Bid Cost
		Hour is the sum of the IFM, RUC, and RTM Bid Cost		Shortfalls and IFM. RUC, and RTM Bid Cost Surpluses for all
		Shortfalls and IFM. RUC, and RTM Bid Cost Surpluses for all		resources in the MSS. Scheduling Coordinators for MSS
		resources in the MSS. Scheduling Coordinators for MSS		Operators that have elected net Settlement will receive an
		Operators that have elected net Settlement will receive an		Unrecovered Bid Cost Uplift Payment if the net of all IFM,
	1	positions that have elected het detalement will receive un	1	o content and control opinion dyment in the net of all in wi,

Unrecovered Bid Cost Uplift Payment if the net of all IFM,
RUC, and RTM Bid Cost Shortfalls and IFM, RUC, and RTM
Bid Cost Surpluses for that MSS over a Trading Day is
positive.

# 11.8.5.2 RUC and RTM Unrecovered Bid Cost Uplift Payment

Scheduling Coordinators shall receive RUC and RTM
Unrecovered Bid Cost Uplift Payments for a Bid Cost

Recovery Eligible Resource, if the net of all RUC Bid Cost
Shortfalls and RUC Bid Cost Surpluses calculated pursuant to
Section 11.8.3, and the RTM Bid Cost Shortfalls and RTM Bid
Cost Surpluses calculated pursuant to Section 11.8.4, for
that Bid Cost Recovery Eligible Resource over a Trading Day
is positive. For Metered Subsystems that have elected net
settlement, the Unrecovered Bid Cost Uplift Payment will be
the sum, if positive, of the RUC, and RTM Bid Cost Shortfall
or RUC, and RTM Bid Cost Surplus for each Trading Hour
over the Trading Day for all Bid Cost Recovery Eligible
Resources in the MSS.

RUC, and RTM Bid Cost Shortfalls and IFM, RUC, and RTM Bid Cost Surpluses for that MSS over a Trading Day is positive.

# 11.8.5.2 RUC and RTM Unrecovered Bid Cost Uplift Payment

Scheduling Coordinators shall receive RUC and RTM
Unrecovered Bid Cost Uplift Payments for a Bid Cost
Recovery Eligible Resource, if the net of all RUC Bid Cost
Shortfalls and RUC Bid Cost Surpluses calculated pursuant to
Section 11.8.3, and the RTM Bid Cost Shortfalls and RTM Bid
Cost Surpluses calculated pursuant to Section 11.8.4, for
that Bid Cost Recovery Eligible Resource over a Trading Day
is positive. For Metered Subsystems that have elected net
settlement, the Unrecovered Bid Cost Uplift Payment will be
the sum, if positive, of the RUC, and RTM Bid Cost Shortfall
or RUC, and RTM Bid Cost Surplus for each Trading Hour
over the Trading Day for all Bid Cost Recovery Eligible
Resources in the MSS.

Section	Explanation of Tariff Overlap	[1] Marked Tariff language from filing with earlier effective date (or lower eTariff Record Priority value in the event both filings have the same effective date)	[2] Marked Tariff language from filing with later effective date (or higher eTariff Record Priority value in the event both filings have the same effective date)	[3] Marked Tariff language from [1] added to currently effective tariff record
13.5.3.2	FERC's eTariff site shows the currently effective tariff record for Section 13.5.3 as the baseline version filed June 28, 2010, Version 0.0.0, which does not include the changes to this section reflected in Version 1.0.0 as filed with the Default Allocation Compliance filing, March 1, 2011, Docket No. ER11-2996, and accepted by FERC letter Order June 21, 2011; this is because that compliance tariff record has a retroactive effective date of March 31, 2009, which predates the effective date of the baseline tariff record.	13.5.3.2 Residual Amounts  Any awards for which the CAISO is unable to identify Market Participants in accordance with 13.5.3.1 and any award amounts that the CAISO is unable to collect that are not covered by Section 11.29.17.1 or Section 11.29.17.2 will be allocated to all Scheduling Coordinators through neutrality adjustments.	13.5.3.2 Residual Amounts  Any awards for which the CAISO is unable to identify Market Participants in accordance with 13.5.3.1 and any award amounts that the CAISO is unable to collect that are not covered by Section 11.29.17.1 will be allocated to all Scheduling Coordinators through neutrality adjustments.	13.5.3.2 Residual Amounts  Any awards for which the CAISO is unable to identify Market Participants in accordance with 13.5.3.1 and any award amounts that the CAISO is unable to collect that are not covered by Section 11.29.17.1 or Section 11.29.17.2 will be allocated to all Scheduling Coordinators through neutrality adjustments.
30.5.1	Version 7.0.0 of the tariff record for Section 30.5. 1 as filed with the Order 764 Market Changes Amendment, Nov. 26, 2013, Docket No. ER14-480, did not include the changes to this section reflected in Version 6.0.0 as filed with the Mandatory MSG Delay Amendment, Oct. 17, 2013, Docket No. ER13-2063-001, and accepted by FERC Order Mar. 20, 2014 (146 FERC ¶ 61,191).	<ul> <li>30.5.1 General Bidding Rules</li> <li>(a) All Energy and Ancillary Services Bids of each Scheduling Coordinator submitted to the DAM for the following Trading Day shall be submitted at or prior to 10:00 a.m. on the day preceding the Trading Day, but no sooner than seven (7) days prior to the Trading Day. All Energy and Ancillary Services</li> <li>* * * *</li> <li>(k) For any given Trading Hour, a Scheduling Coordinator may submit Self-Schedules and/or Submissions to Self-Provide Ancillary Services in only one MSG Configuration for each Generating Unit-or Dynamic Resource-Specific System Resource.</li> </ul>	<ul> <li>30.5.1 General Bidding Rules</li> <li>(a) All Energy and Ancillary Services Bids of each Scheduling Coordinator submitted to the DAM for the following Trading Day shall be submitted at or prior to 10:00 a.m. on the day preceding the Trading Day, but no sooner than seven (7) days prior to the Trading Day. All Energy and Ancillary Services</li> <li>* * * *</li> <li>(k) For any given Trading Hour, a Scheduling Coordinator may submit Self-Schedules and/or Submissions to Self-Provide Ancillary Services in only one MSG Configuration for each Generating Unit or Dynamic Resource-Specific System Resource.</li> </ul>	<ul> <li>30.5.1 General Bidding Rules</li> <li>(a) All Energy and Ancillary Services Bids of each Scheduling Coordinator submitted to the DAM for the following Trading Day shall be submitted at or prior to 10:00 a.m. on the day preceding the Trading Day, but no sooner than seven (7) days prior to the Trading Day. All Energy and Ancillary Services</li> <li>* * * *</li> <li>(k) For any given Trading Hour, a Scheduling Coordinator may submit Self-Schedules and/or Submissions to Self-Provide Ancillary Services in only one MSG Configuration for each Generating Unit-or-Dynamic Resource-Specific System Resource.</li> </ul>

Section	Explanation of Tariff Overlap	[1] Marked Tariff language from filing with earlier effective	[2] Marked Tariff language from filing with later effective	[3] Marked Tariff language from [1] added to currently
Section	Explanation of farm Overlap	date (or lower eTariff Record Priority value in the event both	date (or higher eTariff Record Priority value in the event	effective tariff record
		filings have the same effective date)	both filings have the same effective date)	effective tariff fectoru
34.7(7)	Version 3.0.0 of the tariff	34.5 General Dispatch Principles	34.57 General Dispatch Principles	34.7 General Dispatch Principles
34.7(7)	record for Section 34.7 as	54.5 General Dispatch Finiciples	3497 General Dispatch Finiciples	34.7 General Dispatch Principles
	filed with the Order 764	The CAISO shall conduct all Dispatch activities consistent	The CAISO shall conduct all Dispatch activities consistent	The CAISO shall conduct all Dispatch activities consistent
	Market Changes	with the following principles:	with the following principles:	with the following principles:
	Amendment, Nov. 26, 2013,	with the following principles.	with the following principles.	f
	Docket No. ER14-480, moved	***	***	***
	the content of former	(7) Through Start-Up Instructions the CAISO may instruct	(7) Through Start-Up Instructions the CAISO may instruct	(7) Through Start-Up Instructions the CAISO may instruct
	Section 34.5 to Section 34.7	resources to start up or shut down, or may reduce	resources to start up or shut down, or may reduce	resources to start up or shut down, or may reduce
	but did not include the	Load for Participating Loads, Reliability Demand	Load for Participating Loads and Proxy Demand	Load for Participating Loads, Reliability Demand
	changes to this subsection	Response Resources, and Proxy Demand Resources,	Resources, over the forward-looking time period for	Response Resources, and Proxy Demand Resources,
	reflected in Version 15.0.0	over the forward-looking time period for the RTM	the RTM based on submitted Bids, Start-Up Costs and	over the forward-looking time period for the RTM
	for Section 34.5 as filed with	based on submitted Bids, Start-Up Costs and	Minimum Load Costs, Pumping Costs and Pump Shut-	based on submitted Bids, Start-Up Costs and
	the RDRR Compliance filing,	Minimum Load Costs, Pumping Costs and Pump Shut-	Down Costs, as appropriate for the resource, or for	Minimum Load Costs, Pumping Costs and Pump Shut-
	August 19, 2013, Docket No.	Down Costs, as appropriate for the resource, or for	Multi-Stage Generating Resource as appropriate for	Down Costs, as appropriate for the resource, or for
	ER13-2192, and accepted by	Multi-Stage Generating Resource as appropriate for	the applicable MSG Configuration, consistent with	Multi-Stage Generating Resource as appropriate for
	FERC Order March 28, 2014	the applicable MSG Configuration, consistent with	operating characteristics of the resources that the	the applicable MSG Configuration, consistent with
	(146 FERC ¶ 61,233).	operating characteristics of the resources that the	SCED is able to enforce. In making Start-Up or Shut-	operating characteristics of the resources that the
		SCED is able to enforce. In making Start-Up or Shut-	Down decisions in the RTM, the CAISO may factor in	SCED is able to enforce. In making Start-Up or Shut-
		Down decisions in the RTM, the CAISO may factor in	limitations on number of run hours or Start-Ups of a	Down decisions in the RTM, the CAISO may factor in
		limitations on number of run hours or Start-Ups of a	resource to avoid exhausting its maximum number of	limitations on number of run hours or Start-Ups of a
		resource to avoid exhausting its maximum number of	run hours or Start-Ups during periods other than	resource to avoid exhausting its maximum number of
		run hours or Start-Ups during periods other than	peak loading conditions;	run hours or Start-Ups during periods other than
		peak loading conditions;		peak loading conditions;
34.7(12)	Version 3.0.0 of the tariff	(12) The CAISO may issue Transition Instructions to	(12) The CAISO may issue Transition Instructions to	(12) The CAISO may issue Transition Instructions to
34.7(12)	record for Section 34.7 as	instruct resources to transition from one MSG	instruct resources to transition from one MSG	instruct resources to transition from one MSG
	filed with the Order 764	Configuration to another over the forward-looking	Configuration to another over the forward-looking	Configuration to another over the forward-looking
	Market Changes	time period for the RTM based on submitted Bids,	time period for the RTM based on submitted Bids,	time period for the RTM based on submitted Bids,
	Amendment, Nov. 26, 2013,	Transition Costs and Minimum Load Costs, as	Transition Costs and Minimum Load Costs, as	Transition Costs and Minimum Load Costs, as
	Docket ER14-480, moved the	appropriate for the MSG Configurations involved in	appropriate for the MSG Configurations involved in	appropriate for the MSG Configurations involved in
	content of former Section	the MSG Transition, consistent with Transition Matrix	the MSG Transition, consistent with Transition Matrix	the MSG Transition, consistent with Transition Matrix
	34.5 to Section 34.7 but did	and operating characteristics of these MSG	and operating characteristics of these MSG	and operating characteristics of these MSG
	not include the changes to	Configurations. The RTM optimization will factor in	Configurations. The RTM optimization will factor in	Configurations. The RTM optimization will factor in
	this subsection reflected in	limitations on Minimum Run Time and Minimum	limitations on Minimum Run Time and Minimum	limitations on Minimum Run Time and Minimum
	Version 16.0.0 for Sect. 34.5	Down Time defined for each MSG configuration and	Down Time defined for each MSG configuration and	Down Time defined for each MSG configuration and
	as filed with the Mandatory	Minimum Run Time and Minimum Down Time at the	Minimum Run Time and Minimum Down Time at the	Minimum Run Time and Minimum Down Time at the
	MSG Delay Amendment,	Generating Unit-or Dynamic Resource-Specific	Generating Unit or Dynamic Resource-Specific	Generating Unit-or Dynamic Resource-Specific
	Oct. 17, 2013, Docket ER13-	System Resource.	System Resource.	System Resource.
	2063-001, and accepted by		·	
	FERC Order Mar. 20, 2014			
	(146 FERC ¶ 61,191).			

Section	Explanation of Tariff Overlap	[1] Marked Tariff language from filing with earlier effective date (or lower eTariff Record Priority value in the event both	[2] Marked Tariff language from filing with later effective date (or higher eTariff Record Priority value in the event	[3] Marked Tariff language from [1] added to currently effective tariff record
34.8	Version 3.0.0 of the tariff record for Section 34.8 as filed with the Order 764	filings have the same effective date)  34.6 Dispatch of Dispatch to Units, Participating Loads, and PDRs, and RDRRs	both filings have the same effective date)  34.68 Dispatch of Dispatch Instructions to Units, Participating Loads, and PDR	34.8 Dispatch Instructions to Units, Participating Loads, and PDRs, and RDRRs
	Market Changes Amendment, Nov. 26, 2013, Docket No. ER14- 480, moved the content of former Section 34.6 to Section 34.8 but did not include the changes to this section reflected in Version 6.0.0 of the tariff record for Section 34.6 as filed with the RDRR Compliance filing, August 19, 2013, Docket No. ER13-2192, and accepted by FERC Order March 28, 2014 (146 FERC ¶ 61,233).	The CAISO may issue Dispatch Instructions covering:  (a) Ancillary Services; (b) Energy, which may be used for:  (i) Congestion relief; (ii) provision of Imbalance Energy; or (iii) replacement of an Ancillary Service; (c) agency operation of Generating Units, Participating Loads or Interconnection schedules, for example: (i) output or Demand that can be Dispatched to meet Applicable Reliability Criteria; (ii) Generating Units that can be Dispatched for Black Start; (iii) Generating Units that can be Dispatched to maintain governor control regardless of their Energy schedules; (d) the operation of voltage control equipment applied on Generating Units as described in this CAISO Tariff; (e) MSS Load following instructions provided to the CAISO, which the CAISO incorporates to create their Dispatch Instructions; (f) Dispatch necessary to respond to a System Emergency or imminent emergency;	The CAISO may issue Dispatch Instructions covering:  (a) Ancillary Services; (b) Energy, which may be used for:  (i) Congestion relief;  (ii) provision of Imbalance Energy; or  (iii) replacement of an Ancillary Service;  (c) agency operation of Generating Units,  Participating Loads, Proxy Demand  Resources, or Interconnection schedules, for example:  (i) output or Demand that can be  Dispatched to meet Applicable  Reliability Criteria;  (ii) Generating Units that can be  Dispatched for Black Start;  (iii) Generating Units that can be  Dispatched to maintain governor control regardless of their Energy schedules;  (d) the operation of voltage control equipment applied on Generating Units as described in this CAISO Tariff;  (e) MSS Load following instructions provided to the CAISO, which the CAISO incorporates to create their Dispatch Instructions;  (f) necessary to respond to a System	The CAISO may issue Dispatch Instructions covering:  (a) Ancillary Services; (b) Energy, which may be used for:  (i) Congestion relief; (ii) provision of Imbalance Energy; or (iii) replacement of an Ancillary Service; (c) agency operation of Generating Units, Participating Loads, Proxy Demand Resources, or Interconnection schedules, for example: (i) output or Demand that can be Dispatched to meet Applicable Reliability Criteria; (ii) Generating Units that can be Dispatched for Black Start; (iii) Generating Units that can be Dispatched to maintain governor control regardless of their Energy schedules; (d) the operation of voltage control equipment applied on Generating Units as described in this CAISO Tariff; (e) MSS Load following instructions provided to the CAISO, which the CAISO incorporates to create their Dispatch Instructions; (f) Dispatch necessary to respond to a System
		(g) Transition Instructions; or (h) Dispatch of Reliability Demand Response Resources pursuant to Section 34.18.	Emergency or imminent emergency; or (g) Transition Instructions.	Emergency or imminent emergency; (g) Transition Instructions; or (h) Dispatch of Reliability Demand Response Resources pursuant to Section 34.18.

Section	Explanation of Tariff	[1] Marked Tariff language from filing with earlier effective	[2] Marked Tariff language from filing with later effective	[3] Marked Tariff language from [1] added to currently
	Overlap	date (or lower eTariff Record Priority value in the event both	date (or higher eTariff Record Priority value in the event	effective tariff record
		filings have the same effective date)	both filings have the same effective date)	
34.11.1	Version 1.0.0 of the tariff record for Section	34.9.1 System Reliability Exceptional Dispatches	34.911.1 System Reliability Exceptional Dispatches	34.11.1 System Reliability Exceptional Dispatches
	34.11.1 as filed with the	The CAISO may issue a manual Exceptional Dispatch for	The CAISO may issue a manual Exceptional Dispatch for	The CAISO may issue a manual Exceptional Dispatch for
	Order 764 Market	Generating Units, System Units, Participating Loads, Proxy	Generating Units, System Units, Participating Loads, Proxy	Generating Units, System Units, Participating Loads, Proxy
	Changes Amendment,	Demand Resources, Reliability Demand Response Resources,	Demand Resources, Dynamic System Resources, and	Demand Resources, Reliability Demand Response Resources,
	Nov. 26, 2013, Docket	Dynamic System Resources, and Condition 2 RMR Units	Condition 2 RMR Units pursuant to Section 41.9, in addition	Dynamic System Resources, and Condition 2 RMR Units
	No. ER14-480, moved the	pursuant to Section 41.9, in addition to or instead of	to or instead of resources with a Day-Ahead Schedule	pursuant to Section 41.9, in addition to or instead of
	content of former	resources with a Day-Ahead Schedule dispatched by RTM	dispatched by RTM optimization software during a System	resources with a Day-Ahead Schedule dispatched by RTM
	Section 34.9.1 to Section	optimization software during a System Emergency, or to	Emergency, or to prevent an imminent System Emergency	optimization software during a System Emergency, or to
	34.11.1 but did not	prevent an imminent System Emergency or a situation that	or a situation that threatens System Reliability and cannot	prevent an imminent System Emergency or a situation that
	include the changes to	threatens System Reliability and cannot be addressed by the	be addressed by the RTM optimization and system	threatens System Reliability and cannot be addressed by the
	this section reflected in	RTM optimization and system modeling. To the extent	modeling. To the extent possible, the CAISO shall utilize	RTM optimization and system modeling. To the extent
	Version 5.0.0 for Section	possible, the CAISO shall utilize available and effective Bids	available and effective Bids from resources before	possible, the CAISO shall utilize available and effective Bids
	34.9.1 as filed with the	from resources before dispatching resources without Bids.	dispatching resources without Bids. To deal with any threats	from resources before dispatching resources without Bids.
	RDRR Compliance filing,	To deal with any threats to System Reliability, the CAISO	to System Reliability, the CAISO may also issue a manual	To deal with any threats to System Reliability, the CAISO
	August 19, 2013, Docket	may also issue a manual Exceptional Dispatch in the Real-	Exceptional Dispatch in the Real-Time for Non-Dynamic	may also issue a manual Exceptional Dispatch in the Real-
	No. ER13-2192, and	Time for Non-Dynamic System Resources that have not been	System Resources that have not been or would not be	Time for Non-Dynamic System Resources that have not been
	accepted by FERC Order	or would not be selected by the RTM for Dispatch, but for	selected by the RTM for Dispatch, but for which the relevant	or would not be selected by the RTM for Dispatch, but for
	March 28, 2014 (146	which the relevant Scheduling Coordinator has submitted a	Scheduling Coordinator has submitted received a Bid into	which the relevant Scheduling Coordinator has received a
	FERC ¶ 61,233).	Bid into the HASP.	the-HASP Block Intertie Schedule.	HASP Block Intertie Schedule.

Section	Explanation of Tariff	[1] Marked Tariff language from filing with earlier effective	[2] Marked Tariff language from filing with later effective	[3] Marked Tariff language from [1] added to currently
	Overlap	date (or lower eTariff Record Priority value in the event both	date (or higher eTariff Record Priority value in the event	effective tariff record
		filings have the same effective date)	both filings have the same effective date)	
34.11.3	Version 0.0.0 of the tariff	34.9.3 Transmission-Related Modeling Limitations	34.911.3 Transmission-Related Modeling Limitations	34.11.3 Transmission-Related Modeling Limitations –
	record for Section			
	34.11.3 as filed with the	The CAISO may also manually Dispatch resources in addition	The CAISO may also manually Dispatch resources in addition	The CAISO may also manually Dispatch resources in addition
	Order 764 Market	to or instead of resources with a Day-Ahead Schedule or	to or instead of resources with a Day-Ahead Schedule or	to or instead of resources with a Day-Ahead Schedule or
	Changes Amendment,	dispatched by the RTM optimization software, during or	dispatched by the RTM optimization software, during or	dispatched by the RTM optimization software, during or
	Nov. 26, 2013, Docket	prior to the Real-Time as appropriate, to address	prior to the Real-Time as appropriate, to address	prior to the Real-Time as appropriate, to address
	No. ER14-480, moved the	transmission-related modeling limitations in the Full	transmission-related modeling limitations in the Full	transmission-related modeling limitations in the Full
	content of former	Network Model. Transmission-related modeling limitations	Network Model. Transmission-related modeling limitations	Network Model. Transmission-related modeling limitations
	Section 34.9.3 to Section	for the purposes of Exceptional Dispatch, including for	for the purposes of Exceptional Dispatch, including for	for the purposes of Exceptional Dispatch, including for
	34.11.3 but did not	settlement of such Exceptional Dispatch as described in	settlement of such Exceptional Dispatch as described in	settlement of such Exceptional Dispatch as described in
	include the changes to	Section 11.5.6, shall consist of any FNM modeling limitations	Section 11.5.6, shall consist of any FNM modeling limitations	Section 11.5.6, shall consist of any FNM modeling limitations
	this section reflected in	that arise from transmission maintenance, lack of Voltage	that arise from transmission maintenance, lack of Voltage	that arise from transmission maintenance, lack of Voltage
	Version 2.0.0 for Section	Support at proper levels as well as incomplete or incorrect	Support at proper levels as well as incomplete or incorrect	Support at proper levels as well as incomplete or incorrect
	34.9.3 as filed with the	information about the transmission network, for which the	information about the transmission network, for which the	information about the transmission network, for which the
	RDRR Compliance filing,	Participating TOs have primary responsibility. The CAISO	Participating TOs have primary responsibility. The CAISO	Participating TOs have primary responsibility. The CAISO
	August 19, 2013, Docket	shall also manually Dispatch resources under this Section	shall also manually Dispatch resources under this Section 34.	shall also manually Dispatch resources under this Section
	No. ER13-2192, and	34.9.3 in response to system conditions including	911.3 in response to system conditions including threatened	34.11.3 in response to system conditions including
	accepted by FERC Order	threatened or imminent reliability conditions for which the	or imminent reliability conditions for which the timing of the	threatened or imminent reliability conditions for which the
	March 28, 2014 (146	timing of the Real-Time Market optimization and system	Real-Time Market optimization and system modeling are	timing of the Real-Time Market optimization and system
	FERC ¶ 61,233).	modeling are either too slow or incapable of bringing the	either too slow or incapable of bringing the CAISO	modeling are either too slow or incapable of bringing the
		CAISO Controlled Grid back to reliable operations in an	Controlled Grid back to reliable operations in an appropriate	CAISO Controlled Grid back to reliable operations in an
		appropriate time-frame based on the timing and physical	time-frame based on the timing and physical characteristics	appropriate time-frame based on the timing and physical
		characteristics of available resources to the CAISO. <u>All</u>	of available resources to the CAISO.	characteristics of available resources to the CAISO. <u>All</u>
		reliability-based Exceptional Dispatch Instructions for		reliability-based Exceptional Dispatch Instructions for
		Reliability Demand Response Resources, including for		Reliability Demand Response Resources, including for
1		testing, will be issued under this Section 34.9.3.		testing, will be issued under this Section 34.9.3.

		mings have the same effective date;	both hings have the same effective date;	
34.17.1	Version 1.0.0 as filed	34.15.1 Resource Constraints	34. <u>1517</u> .1 Resource Constraints	34.17.1 Resource Constraints
	with the Order 764			
	Market Changes	The SCED shall enforce the following resource physical	The SCED shall enforce the following resource physical	The SCED shall enforce the following resource physical
	Amendment, Nov. 26,	constraints:	constraints:	constraints:
	2013, Docket No. ER14-	(a) Minimum and maximum operating resource limits.	(a) Minimum and maximum operating resource limits.	(a) Minimum and maximum operating resource limits.
	480, moved the content	Outages and limitations due to transmission	Outages and limitations due to transmission	Outages and limitations due to transmission
	of former section 34.15.1	clearances shall be reflected in these limits. The	clearances shall be reflected in these limits. The	clearances shall be reflected in these limits. The
	to Section 34.17.1 but	more restrictive operating or regulating limit shall be	more restrictive operating or regulating limit shall be	more restrictive operating or regulating limit shall l
	did not include the	used for resources providing Regulation so that the	used for resources providing Regulation so that the	used for resources providing Regulation so that the
	changes to this section	SCED shall not Dispatch them outside their	SCED shall not Dispatch them outside their	SCED shall not Dispatch them outside their
	reflected in Version 7.0.0	Regulating Range.	Regulating Range.	Regulating Range.
	as filed with the	(b) Forbidden Operating Regions. When ramping in the	(b) Forbidden Operating Regions. When ramping in the	(b) Forbidden Operating Regions. When ramping in the
	Mandatory MSG Delay	Forbidden Operating Region, the implicit ramp rate	Forbidden Operating Region, the implicit ramp rate	Forbidden Operating Region, the implicit ramp rate
	Amendment, Oct. 17,	will be used as determined based on the time it takes	will be used as determined based on the time it takes	will be used as determined based on the time it take
	2013, Docket No. ER13-	for the resource to cross its Forbidden Operating	for the resource to cross its Forbidden Operating	for the resource to cross its Forbidden Operating
	2063-001, and accepted	Region. A resource can only be ramped through a	Region. A resource can only be ramped through a	Region. A resource can only be ramped through a
	by FERC Order March 20,	Forbidden Operating Region after being dispatched	Forbidden Operating Region after being dispatched	Forbidden Operating Region after being dispatched
	2014 (146 FERC ¶	into a Forbidden Operation Region. The CAISO will	into a Forbidden Operation Region. The CAISO will	into a Forbidden Operation Region. The CAISO wil
	61,191).	not Dispatch a resource within its Forbidden	not Dispatch a resource within its Forbidden	not Dispatch a resource within its Forbidden
		Operating Regions in the Real-Time Market, except	Operating Regions in the Real-Time Market, except	Operating Regions in the Real-Time Market, except
		that the CAISO may Dispatch the resource through	that the CAISO may Dispatch the resource through	that the CAISO may Dispatch the resource through
		the Forbidden Operating Region in the direction that	the Forbidden Operating Region in the direction that	the Forbidden Operating Region in the direction th
		the resource entered the Forbidden Operating	the resource entered the Forbidden Operating	the resource entered the Forbidden Operating
		Region at the maximum applicable Ramp Rate over	Region at the maximum applicable Ramp Rate over	Region at the maximum applicable Ramp Rate over
		consecutive Dispatch Intervals. A resource with a	consecutive Dispatch Intervals. A resource with a	consecutive Dispatch Intervals. A resource with a
		Forbidden Operating Region cannot provide Ancillary	Forbidden Operating Region cannot provide Ancillary	Forbidden Operating Region cannot provide Ancilla
		Services in a particular fifteen (15) minute Dispatch	Services in a particular fifteen (15) minute Dispatch	Services in a particular fifteen (15) minute Dispatch
		Interval unless that resource can complete its transit	Interval unless that resource can complete its transit	Interval unless that resource can complete its trans
		through the relevant Forbidden Operating Region	through the relevant Forbidden Operating Region	through the relevant Forbidden Operating Region
		within that particular Dispatch Interval.	within that particular Dispatch Interval.	within that particular Dispatch Interval.
		(c) Operational Ramp Rates and Start-Up Times. The	(c) Operational Ramp Rates and Start-Up Times. The	(c) Operational Ramp Rates and Start-Up Times. The
		submitted Operational Ramp Rate for resources shall	submitted Operational Ramp Rate for resources shall	submitted Operational Ramp Rate for resources sh
		be used as the basis for all Dispatch Instructions,	be used as the basis for all Dispatch Instructions,	be used as the basis for all Dispatch Instructions,
		provided that the Dispatch Operating Point for	provided that the Dispatch Operating Point for	provided that the Dispatch Operating Point for
		resources that are providing Regulation remains	resources that are providing Regulation remains	resources that are providing Regulation remains
		within their applicable Regulating Range. The	within their applicable Regulating Range. The	within their applicable Regulating Range. The
		Regulating Range will limit the Ramping of Dispatch	Regulating Range will limit the Ramping of Dispatch	Regulating Range will limit the Ramping of Dispatc
		Instructions issued to resources that are providing	Instructions issued to resources that are providing	Instructions issued to resources that are providing
		Regulation. The Ramp Rate for Non-Dynamic System	Regulation. The Ramp Rate for Non-Dynamic System	Regulation. The Ramp Rate for Non-Dynamic Syst
		Resources cleared in the HASP will not be observed.	Resources cleared in the HASPFMM will not be	Resources cleared in the FMM will not be observe
		Rather, the ramp of the Non-Dynamic System	observed. Rather, the ramp of the Non-Dynamic	Rather, the ramp of the Non-Dynamic System

[1] Marked Tariff language from filing with earlier effective date (or lower eTariff Record Priority value in the event both

both filings have the same effective date)

[3] Marked Tariff language from [1] added to currently

effective tariff record

Section

**Explanation of Tariff** 

filings have the same effective date)

Overlap

- Resource will respect inter-Balancing Authority Area Ramping conventions established by WECC. Ramp Rates for Dynamic System Resources will be observed like Participating Generators in the RTD. Each Energy Bid shall be Dispatched only up to the amount of Imbalance Energy that can be provided within the Dispatch Interval based on the applicable Operational Ramp Rate. The Dispatch Instruction shall consider the relevant Start-Up Time as, if the resource is offline, the relevant Operational Ramp Rate function, and any other resource constraints or prior commitments such as Schedule changes across hours and previous Dispatch Instructions. The Start-Up Time shall be determined from the Start-Up Time function and when the resource was last shut down. The Start-Up Time shall not apply if the corresponding resource is on-line or expected to start.
- (d) Maximum number of daily Start-Ups. The SCED shall not cause a resource to exceed its daily maximum number of Start-Ups.
- (e) Minimum Run Time and Down Time. The SCED shall not start up off-line resources before their Minimum Down Time expires and shall not shut down on-line resources before their Minimum Run Time expires. For Multi-Stage Generating Resources these requirements shall be observed both for the Generating Unit or Dynamic Resource Specific System Resource and MSG Configuration.
- (f) Operating (Spinning and Non-Spinning) Reserve. The SCED shall Dispatch Spinning and Non-Spinning Reserve subject to the limitations set forth in Section 34.16.3.
- (g) Non-Dynamic System Resources. If Dispatched, each Non-Dynamic System Resource flagged for hourly pre-dispatch in the next Trading Hour shall be Dispatched to operate at a constant level over the entire Trading Hour. The HASP shall perform the hourly pre-dispatch for each Trading Hour once prior to the Operating Hour. The hourly pre-dispatch shall not subsequently be revised by the SCED and the resulting HASP Intertie Schedules are financially binding and are settled pursuant to Section 11.4.

- System Resource will respect inter-Balancing Authority Area Ramping conventions established by WECC. Ramp Rates for Dynamic System Resources will be observed like Participating Generators in the RTD. Each Energy Bid shall be Dispatched only up to the amount of Imbalance Energy that can be provided within the Dispatch Interval based on the applicable Operational Ramp Rate. The Dispatch Instruction shall consider the relevant Start-Up Time as, if the resource is off-line, the relevant Operational Ramp Rate function, and any other resource constraints or prior commitments such as Schedule changes across hours and previous Dispatch Instructions. The Start-Up Time shall be determined from the Start-Up Time function and when the resource was last shut down. The Start-Up Time shall not apply if the corresponding resource is on-line or expected to start.
- (d) Maximum number of daily Start-Ups. The SCED shall not cause a resource to exceed its daily maximum number of Start-Ups.
- (e) Minimum Run Time and Down Time. The SCED shall not start up off-line resources before their Minimum Down Time expires and shall not shut down on-line resources before their Minimum Run Time expires. For Multi-Stage Generating Resources these requirements shall be observed both for the Generating Unit or Dynamic Resource-Specific System Resource and MSG Configuration.
- (f) Operating (Spinning and Non-Spinning) Reserve. The SCED shall Dispatch Spinning and Non-Spinning Reserve subject to the limitations set forth in Section 34.1618.3.
- (g) Non-Dynamic System Resources. If Dispatched, each Non-Dynamic System Resource flagged for hourly pre-dispatch in the next Trading Hour shall be Dispatched to operate at a constant level over the entire Trading Hour. The HASP shall perform the hourly pre-dispatch for each Trading Hour once prior to the Operating Hour. The hourly pre-dispatch shall not subsequently be revised by the SCED and the resulting HASP Block Intertie Schedules are financially binding and are settled pursuant to Section 11.4.

- Resource will respect inter-Balancing Authority Area Ramping conventions established by WECC. Ramp Rates for Dynamic System Resources will be observed like Participating Generators in the RTD. Each Energy Bid shall be Dispatched only up to the amount of Imbalance Energy that can be provided within the Dispatch Interval based on the applicable Operational Ramp Rate. The Dispatch Instruction shall consider the relevant Start-Up Time as, if the resource is offline, the relevant Operational Ramp Rate function. and any other resource constraints or prior commitments such as Schedule changes across hours and previous Dispatch Instructions. The Start-Up Time shall be determined from the Start-Up Time function and when the resource was last shut down. The Start-Up Time shall not apply if the corresponding resource is on-line or expected to start.
- (d) Maximum number of daily Start-Ups. The SCED shall not cause a resource to exceed its daily maximum number of Start-Ups.
- (e) Minimum Run Time and Down Time. The SCED shall not start up off-line resources before their Minimum Down Time expires and shall not shut down on-line resources before their Minimum Run Time expires. For Multi-Stage Generating Resources these requirements shall be observed both for the Generating Unit or Dynamic Resource Specific System Resource and MSG Configuration.
- (f) Operating (Spinning and Non-Spinning) Reserve. The SCED shall Dispatch Spinning and Non-Spinning Reserve subject to the limitations set forth in Section 34.18.3.
- (g) Non-Dynamic System Resources. If Dispatched, each Non-Dynamic System Resource flagged for hourly pre-dispatch in the next Trading Hour shall be Dispatched to operate at a constant level over the entire Trading Hour. The HASP shall perform the hourly pre-dispatch for each Trading Hour once prior to the Operating Hour. The hourly pre-dispatch shall not subsequently be revised by the SCED and the resulting HASP Block Intertie Schedules are financially binding and are settled pursuant to Section 11.4.

Settled as provided in Section 11.5.6.1. Settled as provided in Section 11.5.6.1.		(h) Daily Energy use limitation to the extent that Energy limitation is expressed in a resource's Bid. If the Energy Limits are violated for purposes of Exceptional Dispatches for System Reliability, the Bid will be settled as provided in Section 11.5.6.1.	(h) Daily Energy use limitation to the extent that Energy limitation is expressed in a resource's Bid. If the Energy Limits are violated for purposes of Exceptional Dispatches for System Reliability, the Bid will be settled as provided in Section 11.5.6.1.	(h) Daily Energy use limitation to the extent that Energy limitation is expressed in a resource's Bid. If the Energy Limits are violated for purposes of Exceptional Dispatches for System Reliability, the Bid will be settled as provided in Section 11.5.6.1.
---	--	--	--	--

Section Explanation of Ta Overlap	date (or lower eTariff Record Priority value in the event both filings have the same effective date)	[2] Marked Tariff language from filing with later effective date (or higher eTariff Record Priority value in the event both filings have the same effective date)	[3] Marked Tariff language from [1] added to currently effective tariff record
34.20.2.2 Version 0.0.0 of record for Section 34.20.2 as filed w	n 34.19.2.2 Computation	34. <u>1920</u> .2.2 Computation	34.20.2.2 Computation
Order 764 Marke Changes Amendo Nov. 26, 2013, D No. ER14-480, m content of forme Section 34.19.2 t Section 34.20.2 b not include the c	Imbalance Energy needs and will Dispatch Generating Units, System Units, Dynamic System Resources, Participating Load, Reliability Demand Response Resources, and Proxy Demand Resources according to the CAISO's SCED during that time period to meet Imbalance Energy requirements. The RTM transactions will be settled at the Dispatch Intervalanges  LMPs in accordance with Section 11.5.	For each Dispatch Interval, the CAISO will compute updated Imbalance Energy needs and will Dispatch Generating Units, System Units, Dynamic System Resources, Participating Load, and Proxy Demand Resources according to the CAISO's SCED during that time period to meet Imbalance Energy requirements. The RTM transactions will be settled at the Dispatch Interval LMPs in accordance with Section 11.5.	For each Dispatch Interval, the CAISO will compute updated Imbalance Energy needs and will Dispatch Generating Units, System Units, Dynamic System Resources, Participating Load, Reliability Demand Response Resources, and Proxy Demand Resources according to the CAISO's SCED during that time period to meet Imbalance Energy requirements. The RTM transactions will be settled at the Dispatch Interval LMPs in accordance with Section 11.5.
to this section rein Version 5.0.0 ft Section 34.19.2 a with the RDRR Compliance filing 19, 2013, Docket ER13-2192, and by FERC Order M 2014 (146 FERC 61,233).	34.19.2.3 Eligibility to Set the Real-Time LMP All Generating Units, Participating Loads, Proxy Demand Resources, Reliability Demand Response Resources (other than those Reliability Demand Response Resources addressed below in this Section 34.19.2.3), Dynamic System Resources, System Units, or COGs subject to the provisions in Section 27.7, with Bids, including Generated Bids, that are	All Generating Units, Participating Loads, Proxy Demand Resources, Dynamic System Resources, System Units, or COGs subject to the provisions in Section 27.7, with Bids, including Generated Bids, that are unconstrained due to Ramp Rates or other temporal constraints are eligible to set the LMP, provided that (a) a Generating Unit or a Dynamic Resource-Specific System Resource is Dispatched between its Minimum Operating Limit and the highest MW value in its Economic Bid or Generated Bid, or (b) a Participating Load, a Proxy Demand Resource, a Dynamic System Resource that is not a Resource-Specific System Resource, or a System Unit is Dispatched between zero (0) MW and the highest MW value within its submitted Economic Bid range or Generated Bid. If a resource is Dispatched below its Minimum Operating Limit or above the highest MW value in its Economic Bid range or Generated Bid, or the CAISO enforces a resource-specific constraint on the resource due to an RMR or Exceptional Dispatch, the resource will not be eligible to set the LMP. Resources identified as MSS Load following resources are not eligible to set the LMP. A resource constrained at an upper or lower operating limit or dispatched for a quantity of Energy such that its full Ramping capability is constraining the ability of the resource to be dispatched for additional Energy in target interval, cannot be marginal (i.e., it is constrained by the Ramping capability) and thus is not eligible to set the Dispatch Interval LMP. Non-Dynamic System Resources are not eligible to set the Dispatch Interval LMP. Dynamic System Resources are eligible to set the Dispatch Interval LMP.	All Generating Units, Participating Loads, Proxy Demand Resources, Reliability Demand Response Resources (other than those Reliability Demand Response Resources addressed below in this Section 34.19.2.3), Dynamic System Resources, System Units, or COGs subject to the provisions in Section 27.7, with Bids, including Generated Bids, that are unconstrained due to Ramp Rates or other temporal constraints are eligible to set the LMP, provided that (a) a Generating Unit or a Dynamic Resource-Specific System Resource is Dispatched between its Minimum Operating Limit and the highest MW value in its Economic Bid or Generated Bid, or (b) a Participating Load, a Proxy Demand Resource, a Reliability Demand Response Resource, a Dynamic System Resource that is not a Resource-Specific System Resource, or a System Unit is Dispatched between zero (0) MW and the highest MW value within its submitted Economic Bid range or Generated Bid. A Reliability Demand Response Resource that is dispatched in Real-Time by an entity other than the CAISO in order to mitigate a local transmission or distribution system emergency pursuant to applicable state or local programs, contracts, or regulatory requirements not set forth in the CAISO Tariff, or to perform a test, will not be eligible to set the LMP. If a resource is Dispatched below its Minimum Operating Limit or above the highest MW value in its Economic Bid range or Generated Bid, or the CAISO enforces a resource-specific constraint on the resource due to an RMR or Exceptional Dispatch, the resource will not be eligible to set the LMP. Resources

identified as MSS Load following resources are not eligible to set the LMP. A resource constrained at an upper or lower operating limit or dispatched for a quantity of Energy such that its full Ramping capability is constraining the ability of the resource to be dispatched for additional Energy in target interval, cannot be marginal (i.e., it is constrained by the Ramping capability) and thus is not eligible to set the Dispatch Interval LMP. Non-Dynamic System Resources are not eligible to set the Dispatch Interval LMP. Dynamic System Resources are eligible to set the Dispatch Interval LMP. A Constrained Output Generator that has the ability to be committed or shut off within applicable time periods that comprise the RTM will be eligible to set the Dispatch Interval LMP if any portion of its Energy is necessary to serve Demand. Dispatches of Regulation resources by EMS in response to AGC will not set the RTM LMP. Dispatches of Regulation resources to a Dispatch Operating Point by RTM SCED will be eligible to set the RTM LMP.

Constrained Output Generator that has the ability to be committed or shut off within applicable time periods that comprise the RTM will be eligible to set the Dispatch Interval LMP if any portion of its Energy is necessary to serve Demand. Dispatches of Regulation resources by EMS in response to AGC will not set the RTM LMP. Dispatches of Regulation resources to a Dispatch Operating Point by RTM SCED will be eligible to set the RTM LMP.

identified as MSS Load following resources are not eligible to set the LMP. A resource constrained at an upper or lower operating limit or dispatched for a quantity of Energy such that its full Ramping capability is constraining the ability of the resource to be dispatched for additional Energy in target interval, cannot be marginal (i.e., it is constrained by the Ramping capability) and thus is not eligible to set the Dispatch Interval LMP. Non-Dynamic System Resources are not eligible to set the Dispatch Interval LMP. Dynamic System Resources are eligible to set the Dispatch Interval LMP. A Constrained Output Generator that has the ability to be committed or shut off within applicable time periods that comprise the RTM will be eligible to set the Dispatch Interval LMP if any portion of its Energy is necessary to serve Demand. Dispatches of Regulation resources by EMS in response to AGC will not set the RTM LMP. Dispatches of Regulation resources to a Dispatch Operating Point by RTM SCED will be eligible to set the RTM LMP.

Section	Explanation of Tariff Overlap	[1] Marked Tariff language from filing with earlier effective date (or lower eTariff Record Priority value in the event both filings have the same effective date)	[2] Marked Tariff language from filing with later effective date (or higher eTariff Record Priority value in the event both filings have the same effective date)	[3] Marked Tariff language from [1] added to currently effective tariff record
40.4.6.3.1.1,	Version 5.0.0 of the	40.4.6.3.1.1 Developing the Assessment Model	40.4.6.3.1.1 Developing the Assessment Model	40.4.6.3.1.1 Developing the Assessment Model
40.4.6.3.1.1,	tariff record for Section	40.4.0.5.1.1 Developing the Assessment woder	40.4.0.5.1.1 Developing the Assessment Woder	40.4.6.5.1.1 Developing the Assessment Model
101110131212	40.4.6 as filed with the	To develop the base case model for the DG Deliverability	To develop the base case model for the DG Deliverability	To develop the base case model for the DG Deliverability
	Tariff Clarifications	Assessment, the CAISO will include:	Assessment, the CAISO will include:	Assessment, the CAISO will include:
	Compliance filing, July	(i) The most recent GIP or GIDAP Queue Cluster Phase II	(i) The most recent GIP or GIDAP Queue Cluster Phase II	(i) The most recent GIP or GIDAP Queue Cluster Phase II
	11, 2013, ER13-1274-	Interconnection Study deliverability power flow base	Interconnection Study deliverability power flow base	Interconnection Study deliverability power flow base
	001, did not include the	case, which includes Distributed Generation Facilities	case;	case, which includes Distributed Generation Facilities
	changes to this section	of interconnection customers with active	(ii) Those Generating Facilities that have obtained	of interconnection customers with active
	reflected in Version	interconnection requests who have requested Full	Deliverability using the annual full capacity	interconnection requests who have requested Full
	6.0.0 (with an earlier	Capacity or Partial Capacity Deliverability Status;	deliverability option under either Section 8.2 of the	Capacity or Partial Capacity Deliverability Status;
	effective date) as filed	(ii) Those Generating Facilities that have obtained	GIP or Section 9.2 of the GIDAP;	(ii) Those Generating Facilities that have obtained
	with the Deliverability	Deliverability using the annual full capacity	(iii) Transmission additions and upgrades approved in the	Deliverability using the annual full capacity
	for Distributed	deliverability option under either Section 8.2 of the	final comprehensive Transmission Plan for the most	deliverability option under either Section 8.2 of the
	Generation Compliance	GIP, or Section 9.2 of the GIDAP, or equivalent	recent Transmission Planning Process cycle;	GIP, or Section 9.2 of the GIDAP, or equivalent
	Filing, September 26,	process(es) under the applicable Utility Distribution	(iv) Any Generating Facilities in the most recent GIDAP	process(es) under the applicable Utility Distribution
	2013, Docket No. ER12-	Company tariffs;	Phase I Interconnection Study that have been	Company tariffs;
	2643-003, and	(iii) Transmission additions and upgrades approved in the	determined to be deliverable in accordance with their	(iii) Transmission additions and upgrades approved in the
	accepted by FERC letter	final comprehensive Transmission Plan for the most	requested Deliverability Status and were not assigned	final comprehensive Transmission Plan for the most
	Order March 5, 2014.	recent Transmission Planning Process cycle;	any Delivery Network Upgrade costs in the Phase I Interconnection Study;	recent Transmission Planning Process cycle;
		(iv) Any Generating Facilities in the most recent GIDAP  Phase I Interconnection Study that have been	• • • • • • • • • • • • • • • • • • • •	(iv) Any Generating Facilities in the most recent GIDAP  Phase I Interconnection Study that have been
		determined to be deliverable in accordance with their	(v) Delivery Network Upgrades that have received governmental approvals or for which Construction	determined to be deliverable in accordance with their
		requested Deliverability Status (including Distributed	Activities have commenced;	requested Deliverability Status (including Distributed
		Generation Facilities of interconnection customers	(vi) The MW amounts of resources interconnected to the	Generation Facilities of interconnection customers
		with active interconnection requests who have	distribution system below specific Nodes of the CAISO	with active interconnection requests who have
		requested Full Capacity or Partial Capacity	Controlled Grid contained in the most recent	requested Full Capacity or Partial Capacity
		Deliverability Status) and were not assigned any	Transmission Planning Process base portfolio, except	Deliverability Status) and were not assigned any
		Delivery Network Upgrade costs in the Phase I	that the CAISO will remove each Node (by using a zero	Delivery Network Upgrade costs in the Phase I
		Interconnection Study;	MW value) located within electrical areas for which	Interconnection Study;
		(v) Delivery Network Upgrades that have received	the most recently completed GIP or GIDAP Phase I or	(v) Delivery Network Upgrades that have received
		governmental approvals or for which Construction	Phase II Interconnection Study has identified a need	governmental approvals or for which Construction
		Activities have commenced;	for a Delivery Network Upgrade or for which the most	Activities have commenced;
		(vi) The MW amounts of resources interconnected to the	recent Phase II Interconnection Study identified and	(vi) The MW amounts of resources interconnected to the
		dDistribution System below specific Nodes of the	then removed a Delivery Network Upgrade to support	dDistribution System below specific Nodes of the
		CAISO Controlled Grid contained in the most recent	Deliverability for MW amounts in the Interconnection	CAISO Controlled Grid contained in the most recent
		Transmission Planning Process base portfolio, except	queue;	Transmission Planning Process base portfolio, except
		that the CAISO will remove each Node (by using a zero	(vii) Actual distributed generation development based on	that the CAISO will remove each Node (by using a zero
		MW value) located within electrical areas for which	the MW amount of distributed generation in	MW value) located within electrical areas for which
		the most recently completed GIP or GIDAP Phase I or	applicable Utility Distribution Company and Metered	the most recently completed GIP or GIDAP Phase I or
		Phase II Interconnection Study has identified a need	Subsystem interconnection queues including non-net-	Phase II Interconnection Study has identified a need
		for a Delivery Network Upgrade or for which the most	energy-metering resources requesting	for a Delivery Network Upgrade or for which the most

- recent Phase II Interconnection Study identified and then removed a Delivery Network Upgrade to support Deliverability for MW amounts in the Interconnection queue;
- (vii) Actual distributed generation development based on the MW amount of distributed generation in applicable Utility Distribution Company and Metered Subsystem interconnection queues, including non-netenergy-metering resources requesting interconnection through state-jurisdictional interconnection processes;
- (viii) Any additional information provided by each Utility Distribution Company and Metered Subsystem regarding anticipated distributed generation development on its Distribution System; and
- (ix) Other information that the CAISO, in its reasonable discretion, determines is necessary.

\* \* \* \*

# 40.4.6.3.2.2.1 Eligibility to Obtain Deliverability Status Assignment from IOU Participating Transmission Owners

Distributed Generation Facilities interconnected, or seeking interconnection, to the Distribution System of an IOU Participating Transmission Owner may apply to the applicable IOU Participating Transmission Owner and the CAISO to be eligible to receive a Deliverability Status assignment in the current DG Deliverability Assessment cycle as follows:

- (i) Distributed Generation Facilities that are already in Commercial Operation and interconnected to the Distribution System of an IOU Participating Transmission Owner that do not have Deliverability Status may submit an application to be eligible for Full or Partial Capacity Deliverability Status, and those that have Partial Capacity Deliverability Status may apply to be eligible for a higher level of Partial Capacity Deliverability Status or Full Capacity Deliverability Status.
- (ii) Distributed Generation Facilities with an active interconnection request in the interconnection queue of an IOU Participating Transmission Owner that have not requested Deliverability Status in the underlying interconnection process but have received their Phase

- interconnection through state-jurisdictional interconnection processes;
- (viii) Any additional information provided by each Utility Distribution Company and Metered Subsystem regarding anticipated distributed generation development on its Distribution System; and
- (ix) Other information that the CAISO, in its reasonable discretion, determines is necessary.

\* \* \* \*

# 40.4.6.3.2.2.1 Eligibility to Obtain Deliverability Status Assignment from IOU Participating Transmission Owners

Distributed Generation Facilities interconnected, or seeking interconnection, to the Distribution System of an IOU Participating Transmission Owner may apply to the applicable IOU Participating Transmission Owner and the CAISO to be eligible to receive a Deliverability Status assignment in the current DG Deliverability Assessment cycle as follows:

- (i) Distributed Generation Facilities that are already in Commercial Operation and interconnected to the Distribution System of an IOU Participating Transmission Owner that do not have Deliverability Status may submit an application to be eligible for Full or Partial Capacity Deliverability Status, and those that have Partial Capacity Deliverability Status may apply to be eligible for a higher level of Partial Capacity Deliverability Status or Full Capacity Deliverability Status.
- (ii) Distributed Generation Facilities with an active interconnection request in the interconnection queue of an IOU Participating Transmission Owner that have not requested Deliverability Status in the underlying interconnection process but have received their Phase

- recent Phase II Interconnection Study identified and then removed a Delivery Network Upgrade to support Deliverability for MW amounts in the Interconnection queue;
- (vii) Actual distributed generation development based on the MW amount of distributed generation in applicable Utility Distribution Company and Metered Subsystem interconnection queues including non-netenergy-metering resources requesting interconnection through state-jurisdictional interconnection processes;
- (viii) Any additional information provided by each Utility Distribution Company and Metered Subsystem regarding anticipated distributed generation development on its Distribution System; and
- (ix) Other information that the CAISO, in its reasonable discretion, determines is necessary.

\* \* \* \*

# 40.4.6.3.2.2.1 Eligibility to Obtain Deliverability Status Assignment from IOU Participating Transmission Owners

Distributed Generation Facilities interconnected, or seeking interconnection, to the Distribution System of an IOU Participating Transmission Owner may apply to the applicable IOU Participating Transmission Owner-and the CAISO to be eligible to receive a Deliverability Status assignment in the current DG Deliverability Assessment cycle as follows:

- (i) Distributed Generation Facilities that are already in Commercial Operation and interconnected to the Distribution System of an IOU Participating Transmission Owner that do not have Deliverability Status may submit an application to be eligible for Full or Partial Capacity Deliverability Status, and those that have Partial Capacity Deliverability Status may apply to be eligible for a higher level of Partial Capacity Deliverability Status or Full Capacity Deliverability Status.
- (ii) Distributed Generation Facilities with an active interconnection request in the interconnection queue of an IOU Participating Transmission Owner that have not requested Deliverability Status in the underlying interconnection process but have received their Phase

- I <u>li</u>nterconnection <u>Ss</u>tudy results <u>or the equivalent</u> <u>thereof</u> may submit an application to be eligible to receive Partial Capacity Deliverability Status or Full Capacity Deliverability Status.
- (iii) Distributed Generation Facilities with an active interconnection request in the interconnection queue of an IOU Participating Transmission Owner that have not received their Phase I Linterconnection Setudy results or the equivalent thereof, irrespective of whether they requested Deliverability Status in their interconnection request, may submit an application to be eligible to receive Partial Capacity Deliverability Status or Full Capacity Deliverability Status.

Distributed Generation Facilities with an active interconnection request in the interconnection queue of an IOU Participating Transmission Owner that have requested Deliverability Status in the underlying interconnection process and have already received Phase I linterconnection Study results or the equivalent thereof are not eligible to be assigned Deliverability Status pursuant to Section 40.4.6.3 because their Deliverability Status is protected in accordance with the provisions of Section 40.4.6.3.1 and will be assigned through the applicable IOU Participating Transmission Owner's interconnection process.

Applications from Distributed Generation Facilities in the eligible categories specified above must be submitted by the deadline specified in the schedule for the current DG Deliverability Assessment cycle in order for the Distributed Generation Facility to be treated as eligible to receive a Deliverability Status assignment in the current cycle. Distributed Generation Facilities that fail to apply in a timely manner will be assumed not to be seeking Deliverability Status in the current cycle. The CAISO will issue a Market Notice announcing the deadline for submitting applications. The deadline will be no earlier than thirty (30) days after the CAISO publishes the results of the DG Deliverability Assessment. The form of the application shall be specified in a Business Practice Manual. The application shall be submitted to both the applicable Participating Transmission Owner, which shall provide a copy of the application to and the CAISO within five (5) Business Days after the application was submitted.

- I Interconnection Study results may submit an application to be eligible to receive Partial Capacity Deliverability Status or Full Capacity Deliverability Status.
- (iii) Distributed Generation Facilities with an active interconnection request in the interconnection queue of an IOU Participating Transmission Owner that have not received their Phase I Interconnection Study results, irrespective of whether they requested Deliverability Status in their interconnection request, may submit an application to be eligible to receive Partial Capacity Deliverability Status or Full Capacity Deliverability Status.

Distributed Generation Facilities with an active interconnection request in the interconnection queue of an IOU Participating Transmission Owner that have already received Phase I Interconnection Study results are not eligible to be assigned Deliverability Status pursuant to Section 40.4.6.3 because their Deliverability Status is protected in accordance with the provisions of Section 40.4.6.3.1 and will be assigned through the applicable IOU Participating Transmission Owner's interconnection process.

Applications from Distributed Generation Facilities in the eligible categories specified above must be submitted by the deadline specified in the schedule for the current DG Deliverability Assessment cycle in order for the Distributed Generation Facility to be treated as eligible to receive a Deliverability Status assignment in the current cycle. Distributed Generation Facilities that fail to apply in a timely manner will be assumed not to be seeking Deliverability Status in the current cycle. The CAISO will issue a Market Notice announcing the deadline for submitting applications. The deadline will be no earlier than thirty (30) days after the CAISO publishes the results of the DG Deliverability Assessment. The form of the application shall be specified in a Business Practice Manual. The application shall be submitted to both the applicable Participating Transmission Owner and the CAISO.

- I linterconnection Sstudy results or the equivalent thereof may submit an application to be eligible to receive Partial Capacity Deliverability Status or Full Capacity Deliverability Status.
- (iii) Distributed Generation Facilities with an active interconnection request in the interconnection queue of an IOU Participating Transmission Owner that have not received their Phase I Linterconnection Setudy results or the equivalent thereof, irrespective of whether they requested Deliverability Status in their interconnection request, may submit an application to be eligible to receive Partial Capacity Deliverability Status or Full Capacity Deliverability Status.

Distributed Generation Facilities with an active interconnection request in the interconnection queue of an IOU Participating Transmission Owner that have requested Deliverability Status in the underlying interconnection process and have already received Phase I linterconnection Study results or the equivalent thereof are not eligible to be assigned Deliverability Status pursuant to Section 40.4.6.3 because their Deliverability Status is protected in accordance with the provisions of Section 40.4.6.3.1 and will be assigned through the applicable IOU Participating Transmission Owner's interconnection process.

Applications from Distributed Generation Facilities in the eligible categories specified above must be submitted by the deadline specified in the schedule for the current DG Deliverability Assessment cycle in order for the Distributed Generation Facility to be treated as eligible to receive a Deliverability Status assignment in the current cycle. Distributed Generation Facilities that fail to apply in a timely manner will be assumed not to be seeking Deliverability Status in the current cycle. The CAISO will issue a Market Notice announcing the deadline for submitting applications. The deadline will be no earlier than thirty (30) days after the CAISO publishes the results of the DG Deliverability Assessment. The form of the application shall be specified in a Business Practice Manual. The application shall be submitted to-both the applicable Participating Transmission Owner, which shall provide a copy of the application to-and the CAISO within five (5) Business Days after the application was submitted.

Section	Explanation of Tariff Overlap	[1] Marked Tariff language from filing with earlier effective date (or lower eTariff Record Priority value in the event both filings have the same effective date)	[2] Marked Tariff language from filing with later effective date (or higher eTariff Record Priority value in the event both filings have the same effective date)	[3] Marked Tariff language from [1] added to currently effective tariff record
40.6.4.3.2	Version 6.0.0 of the tariff record for Section 40.6.4	40.6.4.3.2 Hydro, RDRR, and Non-Dispatchable Use- Limited Resources	40.6.4.3.2 Hydro and Non-Dispatchable Use-Limited Resources	40.6.4.3.2 Hydro, RDRR, and Non-Dispatchable Use- Limited Resources
	as filed with the Order 764 Market Changes Amendment, Nov. 26,	Hydroelectric Generating Units, Pumping Load, and Non- Dispatchable Use-Limited Resources, but not Reliability	Hydroelectric Generating Units, Pumping Load, and Non- Dispatchable Use-Limited Resources shall submit Self-	Hydroelectric Generating Units, Pumping Load, and Non- Dispatchable Use-Limited Resources, but not Reliability
	2013, Docket No. ER14- 480, did not include the changes to this section	<u>Demand Response Resources</u> , shall submit Self-Schedules or Bids in the Day-Ahead Market for their expected available Energy or their expected as-available Energy, as applicable,	Schedules or Bids in the Day-Ahead Market for their expected available Energy or their expected as-available	<u>Demand Response Resources</u> , shall submit Self-Schedules or Bids in the Day-Ahead Market for their expected available Energy or their expected as-available Energy, as applicable,
	reflected in Version 5.0.0 as filed with the RDRR	in the Day-Ahead Market and HASP. Such resources shall also revise their Self-Schedules or submit additional Bids in	Energy, as applicable, in the Day-Ahead Market and HASP.RTM. Such resources shall also revise their Self-Schedules or submit additional Bids in HASP.RTM based on	in the Day-Ahead Market and RTM. Such resources shall also revise their Self-Schedules or submit additional Bids in RTM
	Compliance filing, August 19, 2013, Docket No. ER13-2192, and accepted	HASP based on the most current information available regarding expected Energy deliveries. Hydroelectric Generating Units, Pumping Load, Reliability Demand	the most current information available regarding  expected Expected Energy deliveries. Hydroelectric  Generating Units, Pumping Load, and Non-Dispatchable Use-	based on the most current information available regarding Expected Energy deliveries. Hydroelectric Generating Units, Pumping Load, Reliability Demand Response Resources,
	by FERC Order March 28, 2014 (146 FERC ¶	Response Resources, and Non-Dispatchable Use-Limited Resources will not be subject to commitment in the RUC	Limited Resources will not be subject to commitment in the RUC process. The CAISO will retain discretion as to whether	and Non-Dispatchable Use-Limited Resources will not be subject to commitment in the RUC process. The CAISO will
	61,233). As both versions of the section had the same effective	process. The CAISO will retain discretion as to whether a particular resource should be considered a Non-Dispatchable Use-Limited Resource, and this decision will be	a particular resource should be considered a Non- Dispatchable Use-Limited Resource, and this decision will be made in accordance with the provisions of Section 40.6.4.1.	retain discretion as to whether a particular resource should be considered a Non-Dispatchable Use-Limited Resource, and this decision will be made in accordance with the
	date, Version 6.0.0 superseded Version 5.0.0	made in accordance with the provisions of Section 40.6.4.1.		provisions of Section 40.6.4.1.
	due to its higher eTariff Record Priority value.			

Section	Explanation of Tariff	[1] Marked Tariff language from filing with earlier effective	[2] Marked Tariff language from filing with later effective	[3] Marked Tariff language from [1] added to currently
	Overlap	date (or lower eTariff Record Priority value in the event both	date (or higher eTariff Record Priority value in the event	effective tariff record
		filings have the same effective date)	both filings have the same effective date)	
43.2.2.1	Version 1.0.0 of the tariff	43.1.2.1 LSE Opportunity to Resolve Collective Deficiency	43.42.2.1 LSE Opportunity to Resolve Collective	43.2.2.1 LSE Opportunity to Resolve Collective
	record for Section 43.2.2	in Local Capacity Area Resources	Deficiency in Local Capacity Area Resources	Deficiency in Local Capacity Area Resources
	as filed with the Capacity			
	Procurement Mechanism	Where the CAISO determines that a need for ICPM Capacity	Where the CAISO determines that a need for ICPM Capacity	Where the CAISO determines that a need for CPM Capacity
	Tariff Amendment, Dec.	exists under Section 43.1.2, but prior to any designation of	exists under Section 43.42.2, but prior to any designation of	exists under Section 43.2.2, but prior to any designation of
	1, 2010, Docket No.	ICPM Capacity, the CAISO shall issue a Market Notice, no	ICPM Capacity, the CAISO shall issue a Market Notice, no	CPM Capacity, the CAISO shall issue a Market Notice, no
	ER11-2256, did not	later than sixty (60) days before the beginning of the	later than sixty (60) days before the beginning of the	later than sixty (60) days before the beginning of the
	include the changes to	Resource Adequacy Compliance Year, identifying the	Resource Adequacy Compliance Year, identifying the	Resource Adequacy Compliance Year, identifying the
	this section (under its	deficient Local Capacity Area and the quantity of capacity	deficient Local Capacity Area and the quantity of capacity	deficient Local Capacity Area and the quantity of capacity
	previous section number	that would permit the deficient Local Capacity Area to	that would permit the deficient Local Capacity Area to	that would permit the deficient Local Capacity Area to
	43.1.2.1) reflected in	comply with the Local Capacity Technical Study criteria	comply with the Local Capacity Technical Study criteria	comply with the Local Capacity Technical Study criteria
	Version 3.0.0 (with an	provided in Section 40.3.1.1 and, where only specific	provided in Section 40.3.1.1 and, where only specific	provided in Section 40.3.1.1 and, where only specific
	earlier effective date) as	resources are effective to resolve the Reliability Criteria	resources are effective to resolve the Reliability Criteria	resources are effective to resolve the Reliability Criteria
	filed with the Tariff	deficiency, the CAISO shall provide the identity of such	deficiency, the CAISO shall provide the identity of such	deficiency, the CAISO shall provide the identity of such
	Clarifications Compliance	resources. Any Scheduling Coordinator may submit a	resources. Any Scheduling Coordinator may submit a	resources. Any Scheduling Coordinator may submit a
	filing, April 8, 2011,	revised annual Resource Adequacy Plan within thirty (30)	revised annual Resource Adequacy Plan within thirty (30)	revised annual Resource Adequacy Plan within thirty (30)
	Docket No. ER11-2574-	days of the <u>datebeginning</u> of the <u>Market NoticeResource</u>	days of the beginning of the Resource Adequacy Compliance	days of the <u>datebeginning</u> of the <u>Market Notice</u> Resource
	002, and accepted by	Adequacy Compliance Year demonstrating procurement of	Year demonstrating procurement of additional Local	Adequacy Compliance Year demonstrating procurement of
	FERC letter Order Jan. 12,	additional Local Capacity Area Resources consistent with the	Capacity Area Resources consistent with the Market Notice	additional Local Capacity Area Resources consistent with the
	2012.	Market Notice issued under this Section.	issued under this Section.	Market Notice issued under this Section.
		Any Scheduling Coordinator that provides such additional	Any Scheduling Coordinator that provides such additional	Any Scheduling Coordinator that provides such additional
		Local Capacity Area Resources consistent with the Market	Local Capacity Area Resources consistent with the Market	Local Capacity Area Resources consistent with the Market
		Notice under this Section shall have its share of any ICPM	Notice under this Section shall have its share of any ICPM	Notice under this Section shall have its share of any CPM
		procurement costs under Section 43.7.3 reduced on a	procurement costs under Section 43.78.3 reduced on a	procurement costs under Section 43.7.3 reduced on a
		proportionate basis. If the full quantity of capacity is not	proportionate basis. If the full quantity of capacity is not	proportionate basis. If the full quantity of capacity is not
		reported to the CAISO under revised annual Resource	reported to the CAISO under revised annual Resource	reported to the CAISO under revised annual Resource
		Adequacy Plans in accordance with this Section, the CAISO	Adequacy Plans in accordance with this Section, the CAISO	Adequacy Plans in accordance with this Section, the CAISO
		may designate ICPM Capacity sufficient to alleviate the	may designate ICPM Capacity sufficient to alleviate the	may designate CPM Capacity sufficient to alleviate the
		deficiency.	deficiency.	deficiency.

				T	
Section	Explanation of Tariff	[1] Marked Tariff language from filing with earlier effective	[2] Marked Tariff language from filing with later effective	[3] Marked Tariff language from [1] added to currently	
	Overlap	date (or lower eTariff Record Priority value in the event both	date (or higher eTariff Record Priority value in the event	effective tariff record	
		filings have the same effective date)	both filings have the same effective date)		
43.8.1	Version 1.0.0 as filed	43.7.1 LSE Shortage Of Local Capacity Area Resources In	43.78.1 LSE Shortage Of Local Capacity Area Resources In	43.8.1 LSE Shortage Of Local Capacity Area	
	with the Capacity	Annual Plan	Annual Plan	Resources In Annual Plan	
	Procurement Mechanism				
	Tariff Amendment, Dec.	If the CAISO makes ICPM designations under Section	If the CAISO makes ICPM designations under Section	If the CAISO makes CPM designations under Section 43.2.1.1	
	1, 2010, Docket No.	43.1.1.1 to address a shortage resulting from the failure of a	43.42.1.1 to address a shortage resulting from the failure of	to address a shortage resulting from the failure of a	
	ER11-2256, did not	Scheduling Coordinator for an LSE to identify sufficient Local	a Scheduling Coordinator for an LSE to identify sufficient	Scheduling Coordinator for an LSE to identify sufficient Local	
	include the changes to	Capacity Area Resources to meet its applicable Local	Local Capacity Area Resources to meet its applicable Local	Capacity Area Resources to meet its applicable Local	
	this section (under its	Capacity Area capacity requirements in its annual Resource	Capacity Area capacity requirements in its annual Resource	Capacity Area capacity requirements in its annual Resource	
	previous section number	Adequacy Plan, then the CAISO shall allocate the total costs	Adequacy Plan, then the CAISO shall allocate the total costs	Adequacy Plan, then the CAISO shall allocate the total costs	
	43.7.1) reflected in	of the ICPM Capacity Payments for such ICPM designations	of the ICPM Capacity Payments for such ICPM designations	of the CPM Capacity Payments for such CPM designations	
	Version 3.0.0 (with an	(for the full term of those ICPM designations) pro rata to	(for the full term of those ICPM designations) pro rata to	(for the full term of those CPM designations) pro rata to	
	earlier effective date) as	each Scheduling Coordinator for an LSE based on the ratio of	each Scheduling Coordinator for an LSE based on the ratio of	each Scheduling Coordinator for an LSE based on the ratio of	
	filed with the Tariff	its Local Capacity Area Resource Deficiency to the sum of	its Local Capacity Area Resource Deficiency to the sum of	its Local Capacity Area Resource Deficiency to the sum of	
	Clarifications Compliance	the deficiency of Local Capacity Area Resources in the	the deficiency of Local Capacity Area Resources in the	the deficiency of Local Capacity Area Resources in the	
	filing, April 8, 2011,	deficient Local Capacity Area(s) within a TAC Area. The Local	deficient Local Capacity Area(s) within a TAC Area. The Local	deficient Local Capacity Area(s) within a TAC Area. The Local	
	Docket No. ER11-2574-	Capacity Area Resource Deficiency under this Section shall	Capacity Resource Deficiency under this Section shall be	Capacity Area Resource Deficiency under this Section shall	
	002, and accepted by	be computed on a monthly basis and the ICPM Capacity	computed on a monthly basis and the ICPM Capacity	be computed on a monthly basis and the CPM Capacity	
	FERC letter Order Jan. 12,	Payments allocated based on deficiencies during the	Payments allocated based on deficiencies during the	Payments allocated based on deficiencies during the	
	2012.	month(s) covered by the ICPM designation(s).	month(s) covered by the ICPM designation(s).	month(s) covered by the CPM designation(s).	
Expected	Version 5.0.0 as filed	- Expected Energy	-, Expected Energy	- Expected Energy	
Energy	with the Order 764				
	Market Changes	The total Energy that is expected to be generated or	The total Energy that is expected to be generated or	The total Energy that is expected to be generated or	
		l accessioned by a management beared as the Disceptable of their	consumed by a resource, based on the Dispatch of that	I concurred by a recourse based on the Dispatch of that	
	Amendment, Nov. 26,	consumed by a resource, based on the Dispatch of that		consumed by a resource, based on the Dispatch of that	
	2013, Docket No. ER14-	resource, as calculated by the Real-Time Market (RTM), and	resource, as calculated by the Real-Time Market (RTM), and	resource, as calculated by the Real-Time Market (RTM), and	
	2013, Docket No. ER14- 480, did not include the	resource, as calculated by the Real-Time Market (RTM), and as finally modified by any applicable Dispatch Operating	resource, as calculated by the Real-Time Market (RTM), and as finally modified by any applicable Dispatch Operating	resource, as calculated by the Real-Time Market (RTM), and as finally modified by any applicable Dispatch Operating	
	2013, Docket No. ER14- 480, did not include the changes to this section	resource, as calculated by the Real-Time Market (RTM), and as finally modified by any applicable Dispatch Operating Point corrections. Expected Energy includes the Energy	resource, as calculated by the Real-Time Market (RTM), and as finally modified by any applicable Dispatch Operating Point corrections. Expected Energy includes the Energy	resource, as calculated by the Real-Time Market (RTM), and as finally modified by any applicable Dispatch Operating Point corrections. Expected Energy includes the Energy	
	2013, Docket No. ER14- 480, did not include the changes to this section reflected in Version 3.0.0	resource, as calculated by the Real-Time Market (RTM), and as finally modified by any applicable Dispatch Operating Point corrections. Expected Energy includes the Energy scheduled in the IFM, and it is calculated the applicable	resource, as calculated by the Real-Time Market (RTM), and as finally modified by any applicable Dispatch Operating Point corrections. Expected Energy includes the Energy scheduled in the IFM, and it is calculated for the applicable	resource, as calculated by the Real-Time Market (RTM), and as finally modified by any applicable Dispatch Operating Point corrections. Expected Energy includes the Energy scheduled in the IFM, and it is calculated for the applicable	
	2013, Docket No. ER14- 480, did not include the changes to this section reflected in Version 3.0.0 as filed with the RDRR	resource, as calculated by the Real-Time Market (RTM), and as finally modified by any applicable Dispatch Operating Point corrections. Expected Energy includes the Energy scheduled in the IFM, and it is calculated the applicable Trading Day. Expected Energy is calculated for Generating	resource, as calculated by the Real-Time Market (RTM), and as finally modified by any applicable Dispatch Operating Point corrections. Expected Energy includes the Energy scheduled in the IFM, and it is calculated for the applicable Trading Day. Expected Energy is calculated for Generating	resource, as calculated by the Real-Time Market (RTM), and as finally modified by any applicable Dispatch Operating Point corrections. Expected Energy includes the Energy scheduled in the IFM, and it is calculated for the applicable Trading Day. Expected Energy is calculated for Generating	
	2013, Docket No. ER14- 480, did not include the changes to this section reflected in Version 3.0.0 as filed with the RDRR Compliance filing, August	resource, as calculated by the Real-Time Market (RTM), and as finally modified by any applicable Dispatch Operating Point corrections. Expected Energy includes the Energy scheduled in the IFM, and it is calculated the applicable Trading Day. Expected Energy is calculated for Generating Units, System Resources, Resource-Specific System	resource, as calculated by the Real-Time Market (RTM), and as finally modified by any applicable Dispatch Operating Point corrections. Expected Energy includes the Energy scheduled in the IFM, and it is calculated for the applicable Trading Day. Expected Energy is calculated for Generating Units, System Resources, Resource-Specific System	resource, as calculated by the Real-Time Market (RTM), and as finally modified by any applicable Dispatch Operating Point corrections. Expected Energy includes the Energy scheduled in the IFM, and it is calculated for the applicable Trading Day. Expected Energy is calculated for Generating Units, System Resources, Resource-Specific System	
	2013, Docket No. ER14- 480, did not include the changes to this section reflected in Version 3.0.0 as filed with the RDRR Compliance filing, August 19, 2013, Docket No.	resource, as calculated by the Real-Time Market (RTM), and as finally modified by any applicable Dispatch Operating Point corrections. Expected Energy includes the Energy scheduled in the IFM, and it is calculated the applicable Trading Day. Expected Energy is calculated for Generating Units, System Resources, Resource-Specific System Resources, Participating Loads, Reliability Demand Response	resource, as calculated by the Real-Time Market (RTM), and as finally modified by any applicable Dispatch Operating Point corrections. Expected Energy includes the Energy scheduled in the IFM, and it is calculated for the applicable Trading Day. Expected Energy is calculated for Generating Units, System Resources, Resource-Specific System Resources, Participating Loads, and Proxy Demand	resource, as calculated by the Real-Time Market (RTM), and as finally modified by any applicable Dispatch Operating Point corrections. Expected Energy includes the Energy scheduled in the IFM, and it is calculated for the applicable Trading Day. Expected Energy is calculated for Generating Units, System Resources, Resource-Specific System Resources, Participating Loads, Reliability Demand Response	
	2013, Docket No. ER14- 480, did not include the changes to this section reflected in Version 3.0.0 as filed with the RDRR Compliance filing, August 19, 2013, Docket No. ER13-2192, and accepted	resource, as calculated by the Real-Time Market (RTM), and as finally modified by any applicable Dispatch Operating Point corrections. Expected Energy includes the Energy scheduled in the IFM, and it is calculated the applicable Trading Day. Expected Energy is calculated for Generating Units, System Resources, Resource-Specific System Resources, Participating Loads, Reliability Demand Response Resources, and Proxy Demand Resources. The calculation is	resource, as calculated by the Real-Time Market (RTM), and as finally modified by any applicable Dispatch Operating Point corrections. Expected Energy includes the Energy scheduled in the IFM, and it is calculated for the applicable Trading Day. Expected Energy is calculated for Generating Units, System Resources, Resource-Specific System Resources, Participating Loads, and Proxy Demand Resources. The calculation is based on the Day-Ahead	resource, as calculated by the Real-Time Market (RTM), and as finally modified by any applicable Dispatch Operating Point corrections. Expected Energy includes the Energy scheduled in the IFM, and it is calculated for the applicable Trading Day. Expected Energy is calculated for Generating Units, System Resources, Resource-Specific System Resources, Participating Loads, Reliability Demand Response Resources, and Proxy Demand Resources. The calculation is	
	2013, Docket No. ER14- 480, did not include the changes to this section reflected in Version 3.0.0 as filed with the RDRR Compliance filing, August 19, 2013, Docket No. ER13-2192, and accepted by FERC Order March 28,	resource, as calculated by the Real-Time Market (RTM), and as finally modified by any applicable Dispatch Operating Point corrections. Expected Energy includes the Energy scheduled in the IFM, and it is calculated the applicable Trading Day. Expected Energy is calculated for Generating Units, System Resources, Resource-Specific System Resources, Participating Loads, Reliability Demand Response Resources, and Proxy Demand Resources. The calculation is based on the Day-Ahead Schedule and the Dispatch	resource, as calculated by the Real-Time Market (RTM), and as finally modified by any applicable Dispatch Operating Point corrections. Expected Energy includes the Energy scheduled in the IFM, and it is calculated for the applicable Trading Day. Expected Energy is calculated for Generating Units, System Resources, Resource-Specific System Resources, Participating Loads, and Proxy Demand Resources. The calculation is based on the Day-Ahead Schedule and the Dispatch Operating Point trajectory for the	resource, as calculated by the Real-Time Market (RTM), and as finally modified by any applicable Dispatch Operating Point corrections. Expected Energy includes the Energy scheduled in the IFM, and it is calculated for the applicable Trading Day. Expected Energy is calculated for Generating Units, System Resources, Resource-Specific System Resources, Participating Loads, Reliability Demand Response Resources, and Proxy Demand Resources. The calculation is based on the Day-Ahead Schedule and the Dispatch	
	2013, Docket No. ER14- 480, did not include the changes to this section reflected in Version 3.0.0 as filed with the RDRR Compliance filing, August 19, 2013, Docket No. ER13-2192, and accepted by FERC Order March 28, 2014 (146 FERC ¶	resource, as calculated by the Real-Time Market (RTM), and as finally modified by any applicable Dispatch Operating Point corrections. Expected Energy includes the Energy scheduled in the IFM, and it is calculated the applicable Trading Day. Expected Energy is calculated for Generating Units, System Resources, Resource-Specific System Resources, Participating Loads, Reliability Demand Response Resources, and Proxy Demand Resources. The calculation is based on the Day-Ahead Schedule and the Dispatch Operating Point trajectory for the three-hour period around	resource, as calculated by the Real-Time Market (RTM), and as finally modified by any applicable Dispatch Operating Point corrections. Expected Energy includes the Energy scheduled in the IFM, and it is calculated for the applicable Trading Day. Expected Energy is calculated for Generating Units, System Resources, Resource-Specific System Resources, Participating Loads, and Proxy Demand Resources. The calculation is based on the Day-Ahead Schedule and the Dispatch Operating Point trajectory for the three-hour period around the target Trading Hour (including	resource, as calculated by the Real-Time Market (RTM), and as finally modified by any applicable Dispatch Operating Point corrections. Expected Energy includes the Energy scheduled in the IFM, and it is calculated for the applicable Trading Day. Expected Energy is calculated for Generating Units, System Resources, Resource-Specific System Resources, Participating Loads, Reliability Demand Response Resources, and Proxy Demand Resources. The calculation is based on the Day-Ahead Schedule and the Dispatch Operating Point trajectory for the three-hour period around	
	2013, Docket No. ER14- 480, did not include the changes to this section reflected in Version 3.0.0 as filed with the RDRR Compliance filing, August 19, 2013, Docket No. ER13-2192, and accepted by FERC Order March 28,	resource, as calculated by the Real-Time Market (RTM), and as finally modified by any applicable Dispatch Operating Point corrections. Expected Energy includes the Energy scheduled in the IFM, and it is calculated the applicable Trading Day. Expected Energy is calculated for Generating Units, System Resources, Resource-Specific System Resources, Participating Loads, Reliability Demand Response Resources, and Proxy Demand Resources. The calculation is based on the Day-Ahead Schedule and the Dispatch Operating Point trajectory for the three-hour period around the target Trading Hour (including the previous and	resource, as calculated by the Real-Time Market (RTM), and as finally modified by any applicable Dispatch Operating Point corrections. Expected Energy includes the Energy scheduled in the IFM, and it is calculated for the applicable Trading Day. Expected Energy is calculated for Generating Units, System Resources, Resource-Specific System Resources, Participating Loads, and Proxy Demand Resources. The calculation is based on the Day-Ahead Schedule and the Dispatch Operating Point trajectory for the three-hour period around the target Trading Hour (including the previous and following hours), the applicable Real-	resource, as calculated by the Real-Time Market (RTM), and as finally modified by any applicable Dispatch Operating Point corrections. Expected Energy includes the Energy scheduled in the IFM, and it is calculated for the applicable Trading Day. Expected Energy is calculated for Generating Units, System Resources, Resource-Specific System Resources, Participating Loads, Reliability Demand Response Resources, and Proxy Demand Resources. The calculation is based on the Day-Ahead Schedule and the Dispatch Operating Point trajectory for the three-hour period around the target Trading Hour (including the previous and	
	2013, Docket No. ER14- 480, did not include the changes to this section reflected in Version 3.0.0 as filed with the RDRR Compliance filing, August 19, 2013, Docket No. ER13-2192, and accepted by FERC Order March 28, 2014 (146 FERC ¶	resource, as calculated by the Real-Time Market (RTM), and as finally modified by any applicable Dispatch Operating Point corrections. Expected Energy includes the Energy scheduled in the IFM, and it is calculated the applicable Trading Day. Expected Energy is calculated for Generating Units, System Resources, Resource-Specific System Resources, Participating Loads, Reliability Demand Response Resources, and Proxy Demand Resources. The calculation is based on the Day-Ahead Schedule and the Dispatch Operating Point trajectory for the three-hour period around the target Trading Hour (including the previous and following hours), the applicable Real-Time LMP for each	resource, as calculated by the Real-Time Market (RTM), and as finally modified by any applicable Dispatch Operating Point corrections. Expected Energy includes the Energy scheduled in the IFM, and it is calculated for the applicable Trading Day. Expected Energy is calculated for Generating Units, System Resources, Resource-Specific System Resources, Participating Loads, and Proxy Demand Resources. The calculation is based on the Day-Ahead Schedule and the Dispatch Operating Point trajectory for the three-hour period around the target Trading Hour (including the previous and following hours), the applicable Real-TimeFMM or RTD LMP for each Dispatch Interval of the	resource, as calculated by the Real-Time Market (RTM), and as finally modified by any applicable Dispatch Operating Point corrections. Expected Energy includes the Energy scheduled in the IFM, and it is calculated for the applicable Trading Day. Expected Energy is calculated for Generating Units, System Resources, Resource-Specific System Resources, Participating Loads, Reliability Demand Response Resources, and Proxy Demand Resources. The calculation is based on the Day-Ahead Schedule and the Dispatch Operating Point trajectory for the three-hour period around the target Trading Hour (including the previous and following hours), the applicable FMM or RTD LMP for each	
	2013, Docket No. ER14- 480, did not include the changes to this section reflected in Version 3.0.0 as filed with the RDRR Compliance filing, August 19, 2013, Docket No. ER13-2192, and accepted by FERC Order March 28, 2014 (146 FERC ¶	resource, as calculated by the Real-Time Market (RTM), and as finally modified by any applicable Dispatch Operating Point corrections. Expected Energy includes the Energy scheduled in the IFM, and it is calculated the applicable Trading Day. Expected Energy is calculated for Generating Units, System Resources, Resource-Specific System Resources, Participating Loads, Reliability Demand Response Resources, and Proxy Demand Resources. The calculation is based on the Day-Ahead Schedule and the Dispatch Operating Point trajectory for the three-hour period around the target Trading Hour (including the previous and following hours), the applicable Real-Time LMP for each Dispatch Interval of the target Trading Hour, and any	resource, as calculated by the Real-Time Market (RTM), and as finally modified by any applicable Dispatch Operating Point corrections. Expected Energy includes the Energy scheduled in the IFM, and it is calculated for the applicable Trading Day. Expected Energy is calculated for Generating Units, System Resources, Resource-Specific System Resources, Participating Loads, and Proxy Demand Resources. The calculation is based on the Day-Ahead Schedule and the Dispatch Operating Point trajectory for the three-hour period around the target Trading Hour (including the previous and following hours), the applicable Real-TimeFMM or RTD LMP for each Dispatch Interval of the target Trading Hour, and any Exceptional Dispatch	resource, as calculated by the Real-Time Market (RTM), and as finally modified by any applicable Dispatch Operating Point corrections. Expected Energy includes the Energy scheduled in the IFM, and it is calculated for the applicable Trading Day. Expected Energy is calculated for Generating Units, System Resources, Resource-Specific System Resources, Participating Loads, Reliability Demand Response Resources, and Proxy Demand Resources. The calculation is based on the Day-Ahead Schedule and the Dispatch Operating Point trajectory for the three-hour period around the target Trading Hour (including the previous and following hours), the applicable FMM or RTD LMP for each Dispatch Interval of the target Trading Hour, and any	
	2013, Docket No. ER14- 480, did not include the changes to this section reflected in Version 3.0.0 as filed with the RDRR Compliance filing, August 19, 2013, Docket No. ER13-2192, and accepted by FERC Order March 28, 2014 (146 FERC ¶	resource, as calculated by the Real-Time Market (RTM), and as finally modified by any applicable Dispatch Operating Point corrections. Expected Energy includes the Energy scheduled in the IFM, and it is calculated the applicable Trading Day. Expected Energy is calculated for Generating Units, System Resources, Resource-Specific System Resources, Participating Loads, Reliability Demand Response Resources, and Proxy Demand Resources. The calculation is based on the Day-Ahead Schedule and the Dispatch Operating Point trajectory for the three-hour period around the target Trading Hour (including the previous and following hours), the applicable Real-Time LMP for each Dispatch Interval of the target Trading Hour, and any Exceptional Dispatch Instructions. Energy from Non-	resource, as calculated by the Real-Time Market (RTM), and as finally modified by any applicable Dispatch Operating Point corrections. Expected Energy includes the Energy scheduled in the IFM, and it is calculated for the applicable Trading Day. Expected Energy is calculated for Generating Units, System Resources, Resource-Specific System Resources, Participating Loads, and Proxy Demand Resources. The calculation is based on the Day-Ahead Schedule and the Dispatch Operating Point trajectory for the three-hour period around the target Trading Hour (including the previous and following hours), the applicable Real-TimeFMM or RTD LMP for each Dispatch Interval of the target Trading Hour, and any Exceptional Dispatch Instructions. Energy from Non-Dynamic System Resources is	resource, as calculated by the Real-Time Market (RTM), and as finally modified by any applicable Dispatch Operating Point corrections. Expected Energy includes the Energy scheduled in the IFM, and it is calculated for the applicable Trading Day. Expected Energy is calculated for Generating Units, System Resources, Resource-Specific System Resources, Participating Loads, Reliability Demand Response Resources, and Proxy Demand Resources. The calculation is based on the Day-Ahead Schedule and the Dispatch Operating Point trajectory for the three-hour period around the target Trading Hour (including the previous and following hours), the applicable FMM or RTD LMP for each Dispatch Interval of the target Trading Hour, and any Exceptional Dispatch Instructions. Energy from Non-	
	2013, Docket No. ER14- 480, did not include the changes to this section reflected in Version 3.0.0 as filed with the RDRR Compliance filing, August 19, 2013, Docket No. ER13-2192, and accepted by FERC Order March 28, 2014 (146 FERC ¶	resource, as calculated by the Real-Time Market (RTM), and as finally modified by any applicable Dispatch Operating Point corrections. Expected Energy includes the Energy scheduled in the IFM, and it is calculated the applicable Trading Day. Expected Energy is calculated for Generating Units, System Resources, Resource-Specific System Resources, Participating Loads, Reliability Demand Response Resources, and Proxy Demand Resources. The calculation is based on the Day-Ahead Schedule and the Dispatch Operating Point trajectory for the three-hour period around the target Trading Hour (including the previous and following hours), the applicable Real-Time LMP for each Dispatch Interval of the target Trading Hour, and any	resource, as calculated by the Real-Time Market (RTM), and as finally modified by any applicable Dispatch Operating Point corrections. Expected Energy includes the Energy scheduled in the IFM, and it is calculated for the applicable Trading Day. Expected Energy is calculated for Generating Units, System Resources, Resource-Specific System Resources, Participating Loads, and Proxy Demand Resources. The calculation is based on the Day-Ahead Schedule and the Dispatch Operating Point trajectory for the three-hour period around the target Trading Hour (including the previous and following hours), the applicable Real-TimeFMM or RTD LMP for each Dispatch Interval of the target Trading Hour, and any Exceptional Dispatch	resource, as calculated by the Real-Time Market (RTM), and as finally modified by any applicable Dispatch Operating Point corrections. Expected Energy includes the Energy scheduled in the IFM, and it is calculated for the applicable Trading Day. Expected Energy is calculated for Generating Units, System Resources, Resource-Specific System Resources, Participating Loads, Reliability Demand Response Resources, and Proxy Demand Resources. The calculation is based on the Day-Ahead Schedule and the Dispatch Operating Point trajectory for the three-hour period around the target Trading Hour (including the previous and following hours), the applicable FMM or RTD LMP for each Dispatch Interval of the target Trading Hour, and any	