DOCKETS UE-190663, UE-190665, UE-190666 September 12, 2019 Staff Memo - Attachment A

Topic / Requirement	Relevant Chapter 480-106 WAC	Avista	Puget Sound Energy	Pacific Power
Filing components	whole chapter			
		Included as attachment; unclear	Clearly described for large QFs in	
Contracting procedures in tariff	030(2)(a)	whether attachment is part of tariff	Schedule 92; not clear for small QFs	Included
Schedule of estimated avoided costs for small QFs	030(3)	Included	Included	Included
		Included as attachment; unclear		
Info required for draft executable contracts for small QFs	030(4)	whether attachment is part of tariff	Not included	Included
Standard contract provisions for small QFs	030(4)	Included	Included	Included
		Included as attachment, but Schedule		
Info required for large OFs to obtain contracts	020(5)	· ·	In alredo d	local code of
Info required for large QFs to obtain contracts	030(5)	62 applies to small QFs only	Included	Included
Non-binding term sheets and limited contract provisions for large QFs	030(5)	Not yet reviewed; not noted in tariff	Not yet reviewed	Not yet reviewed
				Contained in cover letter; not yet in
Avoided cost rate methodology for large QFs	050(5)	Not yet included	Included	tariff
QF rate options for large QFs	050(3)	Schedule 62 applies to small QFs only	Not addressed in tariff	Included
		Not yet filed; Schedule 62 for small		Called "non-firm;" 85% derate not
As-available - energy only, valued at time of delivery	050(3)(a)	QFs only	Not addressed in tariff	substantiated
		Not yet filed; Schedule 62 for small		time-of-delivery rate does not include
Committed - energy and capacity, valued at time of delivery	050(3)(b)(i)	QFs only	Not addressed in tariff	capacity valuation
Committed - energy and capacity, valued at time of LEO/contract	050(3)(b)(ii)	Not yet filed; Schedule 62 for small QFs only	Not addressed in tariff	Included
Rate options and required fixed rates for small QFs in schedule of				
estimated avoided costs	050(4)	Included	Included	Included
15 years for new QFs starting on date of contract execution; no				
less than 12 years from commercial operation	050(4)(a)(i)	Included	Included	Included
10 years for existing QFs	050(4)(a)(ii)	Not yet included	Included	Not yet included
5 years for RWC 80.80.040 non-compliant QFs	050(4)(a)(iii)	Not yet included	Included	Not yet included
Standard rate for small QFs: rate options	050(4)(b)			
				Called "non-firm;" 85% derate not
As-available	050(4)(b)(i)	85% derate not substantiated	Mostly implemented	substantiated
		Short term power rate offered does		time-of-delivery rate does not include
Committed - valued at time of delivery	050(4)(b)(ii)(A)	not align with rule	Mostly implemented	capacity valuation
Committed - valued at time of LEO/contract	050(4)(b)(ii)(B)	Included	Included	Included

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Schedule of Estimated Avoided Costs	040(1); 050(4)(a)			
Avoided cost of energy based 20-year on market forecast: source of				Internal forward price curve updated
forecast	040(a)	2019 IRP draft	2019 IRP draft	quarterly
Adjustments				
On-peak / Off-peak	040(a)	Yes	No	Yes
Seasonal	040(a)	Yes; monthly energy shaping factors	No seasonal adjustments	Yes, summer and winter
Differentiation by fuel type	040(2)	Yes	No	Yes; tracking and fixed-tilt
			Rule language in Schedule 91, but not	
			Schedule 92; tariff and PPA requires	
		Specified in tariff that RECs are not	QF to make RECs available for	
Treatment of QF-generated RECs	050(4)(c)	included in PURPA purchases	purchase	Rule language included in tariff
Integration costs	050(4)(d)	Not included	Not included	Included
Schedules for QF types				
wind		Yes	Yes	Yes
solar		Yes	Yes	Yes; tracking and fixed-tilt
baseload		Yes	Yes	Yes
renewable + storage		No	No	No
On-peak / Off-peak		Yes	No	Yes
Avoided cost of capacity	040(b)			
				2021; Peaker proxy 2019-2020, but
				implementation does not comply with
Year of capacity need		2027	2023; no peaker proxy in current filing	rule
			flow battery; avoided capacity	Using 2021 online date for 2017
			calculation based on all planned	Oregon solar RFP; not using 2017 IRP
Next planned capacity resource	040(b)	gas peaker	resources	as required in rule
Capacity payment adjustments				
			Levelized across all planned capacity	
		Levelized; capacity payments based on	additions; does not include peaker	
Levelization		year of QF commercial operation	proxy for 2019-2022	n/a; capacity needed in 2019
Capacity contribution adjustment		Included	Included	Included
		from IRP; methodology not clearly	From IRP; effective load carrying	
System peak capacity assessment approach		defined	capacity	From IRP; not adjusted for WCA
Capacity factor estimates		From IRP	Not used	From IRP
				Used; results in capacity valuation of
Capitalized energy cost adjustment		Not used	Not used	\$0