SUB 11/12/19

Fourth Substitute Thirteenth Revision Sheet 62 Canceling

WN U-28

Second Substitute Twelfth Revision Sheet 62

RECEIVED AUG 09, 2019 WA. UT. &9 TRANS. COMM **ORIGINAI**

AVISTA CORPORATION dba Avista Utilities

SCHEDULE 62 **QUALIFYING FACILITIES** WASHINGTON

(T)

AVAILABLE:

In all the electric territory served by Avista in the State of Washington.

APPLICABILITY:

(T) (T)

Except as expressly provided herein, this schedule is only applicable to any individual, partnership, corporation, association, governmental agency, political subdivision, municipality, or other entity (the "Customer") installing, owning and generating electricity for delivery to the Company at a point of delivery on the Company's electrical system in the State of Washington where: a) the facility is a Qualifying Facility ("QF"), meaning either a cogeneration facility or a small power production facility, pursuant to Section 201 of the Public Utility Regulatory Policies Act of 1978 and defined in WAC Chapter 480-106, b) output is offered for sale to Avista pursuant to WAC Chapter 480-106, and c) the facility installed nameplate capacity is five (5) megawatts alternating current (AC) or less.

(C) (C) (C)

Avista's contracting procedures and standard contract provisions filed with the Commission shall be used where applicable.

(D) (N)

(N)

POWER RATES:

Avista will pay the following avoided cost rates for delivered electricity, paid in United States dollars based on megawatt-hour (or partial megawatt-hour) production:

(T) (T)

I. Power Rates Available to Qualifying Facilities of Five Megawatts (5 MW) Or Less.

(N) (T)

(1) Standard Power Rates - The Standard Power Rate shall apply to customers agreeing to supply all QF output to the Company under one of the fixed-year schedules defined below. The contract rates and terms are fixed for the agreement term in accordance with the following:

(C) (T)

(a) Total payment will be the summation of energy and applicable capacity values (if any).

(T) (D) (N)(K)

(b) The capacity contribution for existing non-wind and non-solar resources, with an operating history of thirty-six (36) or more months, shall be the average onpeak delivery for up to the past five (5) years for the November through February months.

(c) The capacity contribution for new resources, or for resources without a full thirty-six (36)-month operating history, shall be based on the capacity contribution from a similar resource in the Company's latest IRP. 7x24 assumes

(N)(K)

(K) Material has been transferred to Original Sheet 62G

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Fourth Substitute First Revision Sheet 62A Canceling Second Substitute Original Sheet 62A RECEIVED AUG 09, 2019 WA. UT. & TRANS. COMM. ORIGINAL

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AVISTA CORPORATION dba Avista Utilities

SCHEDULE 62A OUALIFYING FACILITIES

resource provides its maximum delivery rate during the winter on-peak period.

- (d) Energy shaping factors are applied to all energy delivery payments during the year. Payment in each month will be the product of the annual applicable rate (on-/off-peak) and the shaping factor. On-peak hours are 0700 2300; remaining hours are off-peak.
- (e) This schedule does not provide compensation for RECs; they remain the property of the customer.

(K) Material has been transferred to Original Sheet 62H

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Fourth Substitute Original Sheet 62B

AVISTA CORPORATION dba Avista Utilities

SCHEDULE 62B QUALIFYING FACILITIES

80.80.040 Compliant Qualifying Facilities – New Projects Standard Power Rate – First Delivery 2020

	Energ	y Value (\$/	MWh)	Cap. Valu	e (\$/MWh)
Year	Flat 7X24	On-Peak	Off-Peak	\$/kW/Mo	Flat 7x24
2020	23.99	26.46	19.04	6.740	9.23
2021	19.67	22.28	14.48	6.740	9.23
2022	19.98	22.40	15.14	6.740	9.23
2023	20.44	22.73	15.86	6.740	9.23
2024	21.61	23.74	17.36	6.740	9.23
2025	22.76	24.85	18.60	6.740	9.23
2026	24.27	26.10	20.64	6.740	9.23
2027	23.57	24.97	20.77	6.740	9.23
2028	25.02	26.04	22.97	6.740	9.23
2029	25.92	26.66	24.44	6.740	9.23
2030	26.72	26.92	26.34	6.740	9.23
2031	29.46	29.47	29.46	6.740	9.23
2032	29.78	29.69	29.99	6.740	9.23
2033	31.22	30.78	32.12	6.740	9.23
2034	32.83	32.12	34.27	6.740	9.23

Monthly Energy Shaping Factors (HLH, 0600-2300 All Days)								
Jan	145%	May	16%	Sep	122%			
Feb	120%	Jun	30%	Oct	113%			
Mar	95%	Jul	98%	Nov	121%			
Apr	53%	Aug	129%	Dec	156%			

Monthly	Monthly Energy Shaping Factors (LLH, 2300-0600 All Days)								
Jan	141%	May	-19%	Sep	141%				
Feb	130%	Jun	-14%	Oct	128%				
Mar	127%	Jul	86%	Nov	121%				
Apr	72%	Aug	137%	Dec	151%				

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Fourth Substitute Original Sheet 62C

AVISTA CORPORATION dba Avista Utilities

SCHEDULE 62C QUALIFYING FACILITIES

(N)

80.80.040 Compliant Qualifying Facilities – New Projects Standard Power Rate – First Delivery 2021

	Energ	jy Value (\$/	MWh)	Cap. Valu	e (\$/MWh)
Year	Flat 7X24	On-Peak	Off-Peak	\$/kW/Mo	Flat 7x24
2021	19.67	22.28	14.48	7.486	10.25
2022	19.98	22.40	15.14	7.486	10.25
2023	20.44	22.73	15.86	7.486	10.25
2024	21.61	23.74	17.36	7.486	10.25
2025	22.76	24.85	18.60	7.486	10.25
2026	24.27	26.10	20.64	7.486	10.25
2027	23.57	24.97	20.77	7.486	10.25
2028	25.02	26.04	22.97	7.486	10.25
2029	25.92	26.66	24.44	7.486	10.25
2030	26.72	26.92	26.34	7.486	10.25
2031	29.46	29.47	29.46	7.486	10.25
2032	29.78	29.69	29.99	7.486	10.25
2033	31.22	30.78	32.12	7.486	10.25
2034	32.83	32.12	34.27	7.486	10.25

Monthly Energy Shaping Factors (HLH, 0600-2300 All Days)								
Jan	147%	May	14%	Sep	122%			
Feb	121%	Jun	29%	Oct	113%			
Mar	96%	Jul	97%	Nov	122%			
Арг	52%	Aug	129%	Dec	159%			

Monthly Energy Shaping Factors (LLH, 2300-0600 All Days)							
Jan	141%	May	-22%	Sep	141%		
Feb	131%	Jun	-16%	Oct	128%		
Mar	129%	Jul	85%	Nov	120%		
Apr	72%	Aug	137%	Dec	152%		

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AVISTA CORPORATION dba Avista Utilities

SCHEDULE 62D QUALIFYING FACILITIES

(N)

80.80.040 Compliant Qualifying Facilities – New Projects Standard Power Rate – First Delivery 2022

	Energ	y Value (\$/	MWh)	Cap. Valu	e (\$/MWh)
Year	Flat 7X24	On-Peak	Off-Peak	\$/kW/Mo	Flat 7X24
2022	19.98	22.40	15.14	8.355	11.44
2023	20.44	22.73	15.86	8.355	11.44
2024	21.61	23.74	17.36	8.355	11.44
2025	22.76	24.85	18.60	8.355	11.44
2026	24.27	26.10	20.64	8.355	11.44
2027	23.57	24.97	20.77	8.355	11.44
2028	25.02	26.04	22.97	8.355	11.44
2029	25.92	26.66	24.44	8.355	11.44
2030	26.72	26.92	26.34	8.355	11.44
2031	29.46	29.47	29.46	8.355	11.44
2032	29.78	29.69	29.99	8.355	11.44
2033	31.22	30.78	32.12	8.355	11.44
2034	32.83	32.12	34.27	8.355	11.44

Monthly	Monthly Energy Shaping Factors (HLH, 0600-2300 All Days)							
Jan	147%	May	13%	Sep	122%			
Feb	121%	Jun	27%	Oct	113%			
Mar	96%	Jul	96%	Nov	123%			
Apr	52%	Aug	129%	Dec	160%			

Monthly	Monthly Energy Shaping Factors (LLH, 2300-0600 All Days)								
Jan	140%	May	-21%	Sep	141%				
Feb	130%	Jun	-16%	Oct	128%				
Mar	130%	Jul	85%	Nov	120%				
Apr	73%	Aug	138%	Dec	151%				

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Second Substitute Original Sheet 62E

AVISTA CORPORATION dba Avista Utilities

SCHEDULE 62E QUALIFYING FACILITIES

80.80.040 Non-Compliant Qualifying Facilities – New Projects Standard Power Rate – First Delivery 2020

	Energy Value (\$/MWh) Cap. Value (\$/MW		Energy Value (\$/MWh)		
Year	Flat 7X24	On-Peak	Off-Peak	\$/kW/Mo	Flat 7x24
2020	23.99	26.46	19.04	0.000	0.00
2021	19.67	22.28	14.48	0.000	0.00
2022	19.98	22.40	15.14	0.000	0.00
2023	20.44	22.73	15.86	0.000	0.00
2024	21.61	23.74	17.36	0.000	0.00

Monthly	Monthly Energy Shaping Factors (HLH, 0600-2300 All Days)							
Jan	134%	May	32%	Sep	123%			
Feb	111%	Jun	48%	Oct	109%			
Mar	88%	Jul	116%	Nov	110%			
Apr	58%	Aug	132%	Dec	138%			

Monthly Energy Shaping Factors (LLH, 2300-0600 All Days)								
Jan	148%	May	-13%	Sep	139%			
Feb	130%	Jun	-9%	Oct	128%			
Mar	111%	Jul	89%	Nov	125%			
Apr	63%	Aug	133%	Dec	156%			

80.80.040 Non-Compliant Qualifying Facilities – New Projects Standard Power Rate – First Delivery 2021

	Energ	Energy Value (\$/MWh)			Cap. Value (\$/MWh)	
Year	Flat 7X24	On-Peak	Off-Peak	\$/kW/Mo	Flat 7x24	
2021	19.67	22.28	14.48	0.000	0.00	
2022	19.98	22.40	15.14	0.000	0.00	
2023	20.44	22.73	15.86	0.000	0.00	
2024	21.61	23.74	17.36	0.000	0.00	
2025	22.76	24.85	18.60	0.000	0.00	

Monthly	Monthly Energy Shaping Factors (HLH, 0600-2300 All Days)							
Jan	138%	May	25%	Sep	124%			
Feb	112%	Jun	44%	Oct	109%			
Mar	86%	Jul	117%	Nov	109%			
Apr	55%	Aug	136%	Dec	144%			

Monthly	Monthly Energy Shaping Factors (LLH, 2300-0600 All Days)							
Jan	Jan 152% May -24% Sep 143%							
Feb	131%	Jun	-21%	Oct	131%			
Mar	114%	Jul	84%	Nov	124%			
Apr	65%	Aug	136%	Dec	164%			

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AVISTA CORPORATION dba Avista Utilities

SCHEDULE 62F QUALIFYING FACILITIES

80.80.040 Non-Compliant Qualifying Facilities – New Projects Standard Power Rate – First Delivery 2022

	Energy Value (\$/MWh)			Cap. Value (\$/MWh)	
Year	Flat 7X24	On-Peak	Off-Peak	\$/kW/Mo	Flat 7x24
2022	19.98	22.40	15.14	0.000	0.00
2023	20.44	22.73	15.86	0.000	0.00
2024	21.61	23.74	17.36	0.000	0.00
2025	22.76	24.85	18.60	0.000	0.00
2026	24.27	26.10	20.64	0.000	0.00

Monthly Energy Shaping Factors (HLH, 0600-2300 All Days)							
Jan	138%	May	23%	Sep	125%		
Feb	112%	Jun	42%	Oct	111%		
Mar	87%	Jul	116%	Nov	110%		
Apr	54%	Aug	136%	Dec	145%		

Monthly	Monthly Energy Shaping Factors (LLH, 2300-0600 All Days)								
Jan 149% May -22% Sep 143									
Feb	129%	Jun	-19%	Oct	131%				
Маг	115%	Jul	85%	Nov	123%				
Apr	67%	Aug	136%	Dec	161%				

80.80.040 Compliant Qualifying Facilities – Renewal Projects Standard Power Rate – First Delivery 2020

	Energ	Energy Value (\$/MWh		Cap. Valu	e (\$/MWh)
Year	Flat 7X24	On-Peak	Off-Peak	\$/kW/Mo	Flat 7x24
2020	23.99	26.46	19.04	3.666	5.02
2021	19.67	22.28	14.48	3.666	5.02
2022	19.98	22.40	15.14	3.666	5.02
2023	20.44	22.73	15.86	3.666	5.02
2024	21.61	23.74	17.36	3.666	5.02
2025	22.76	24.85	18.60	3.666	5.02
2026	24.27	26.10	20.64	3.666	5.02
2027	23.57	24.97	20.77	3.666	5.02
2028	25.02	26.04	22.97	3.666	5.02
2029	25.92	26.66	24.44	3.666	5.02

Monthly Energy Shaping Factors (HLH, 0600-2300 All Days)								
Jan	140%	May	21%	Sep	124%			
Feb	115%	Jun	39%	Oct	112%			
Mar	89%	Jul	111%	Nov	115%			
Apr	53%	Aug	134%	Dec	147%			

Monthly	Energy Sha	ping Facto	ors (LLH, 23	00-0600 A	II Days)
Jan	146%	May	-19%	Sep	141%
Feb	130%	Jun	-15%	Oct	130%
Mar	116%	Jul	87%	Nov	123%
Apr	68%	Aua	136%	Dec	156%

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Second Substitute Original Sheet 62G

AVISTA CORPORATION dba Avista Utilities

SCHEDULE 62G QUALIFYING FACILITIES

on Compliant Qualifying Escilities Panawal Project

80.80.040 Non-Compliant Qualifying Facilities – Renewal Projects Standard Power Rate – First Delivery 2020

	Energy Value (\$/MWh)			Cap. Value (\$/MWh)	
Year	Flat 7X24	On-Peak	Off-Peak	\$/kW/Mo	Flat 7x24
2020	23.99	26.46	19.04	0.000	0.00
2021	19.67	22.28	14.48	0.000	0.00
2022	19.98	22.40	15.14	0.000	0.00
2023	20.44	22.73	15.86	0.000	0.00
2024	21.61	23.74	17.36	0.000	0.00

Monthly	Monthly Energy Shaping Factors (HLH, 0600-2300 All Days)								
Jan	Jan 134% May 32% Sep 123%								
Feb	111%	Jun	48%	Oct	109%				
Маг	88%	Jul	116%	Nov	110%				
Арг	58%	Aug	132%	Dec	138%				

Monthly	Monthly Energy Shaping Factors (LLH, 2300-0600 All Days)									
Jan	Jan 148% May -13% Sep 139%									
Feb	130%	Jun	-9%	Oct	128%					
Mar	111%	Jul	89%	Nov	125%					
Apr	63%	Aug	133%	Dec	156%					

(2) <u>Short-Term Power Rates</u> - The Short-Term Power Rate shall apply to customers eligible under this schedule agreeing to supply all QF output to the Company under an agreement with a continuous delivery term of less than one (1) year.

- (a) Total payment will be the summation of the energy and applicable capacity payment (if any) on a per-delivered MWh basis.
- (b) The energy payment shall be the lower of: a) the applicable Standard Power Rate for energy in effect at the time of the delivery, or b) the Powerdex Hourly Mid-Columbia Index ("Mid-C Index") for electricity in effect at the time of the delivery. Where the Mid-C Index ceases to exist, its successor will be used. Where no successor exists, another index shall be agreed to by the parties. The Standard Power Rate will be calculated as the product of the annual applicable rate (on-/off-peak) and the monthly shaping factor.

(M) Material has been transferred from Substitute 12th Revision Sheet 62

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AVISTA CORPORATION dba Avista Utilities

SCHEDULE 62H QUALIFYING FACILITIES

(N)

- (c) The capacity contribution for existing non-wind and non-solar resources, with an operating history of thirty-six (36) or more months, shall be the average on-peak delivery for up to the past five (5) years for the November through February months.
- (d) The capacity contribution for new resources, or for resources without a full thirty-six (36)-month operating history, shall be based on the capacity contribution from a similar resource in the Company's latest IRP. 7x24 assumes resource provides its maximum delivery rate during the winter onpeak period.
- (e) This schedule does not provide compensation for RECs; they remain the property of the customer.
- (3) <u>As-Available Power Rates</u> The As-Available Power Rate shall apply to all customers providing QF output to the Company on an as-available basis. For customers electing to reduce deliveries by serving their on-site load, the Company will purchase the net output of their generating facility measured on a near-real time basis. Customer generation may not be netted against or aggregated to any other facility, premise, or meter. It may be netted only against load at the location of the generating facility and when supplied through a single meter.

The As-Available Power Rate shall be the Mid-C Index for electricity, calculated on an hourly or monthly basis as determined by the Company. Where the Mid-C Index ceases to exist, its successor will be used. Where no successor exists, another index shall be agreed to by the parties. There will be no capacity payment made for As-Available deliveries. This schedule does not provide compensation for RECs; they remain the property of the customer.

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AVISTA CORPORATION dba Avista Utilities

SCHEDULE 62I QUALIFYING FACILITIES

(N)

- II. Power Rates Available to Qualifying Facilities Exceeding Five Megawatts (5 MW)
 - (1) <u>IRP-Based Rates</u> —The IRP Methodology for calculating IRP-Based Rates will be filed with the Commission and, once that IRP Methodology is approved by the Commission, such methodology will be used to calculate IRP-Based Rates. In the absence of an approved IRP Methodology, the IRP-Based Rates will be calculated in a manner consistent with its last acknowledged IRP. For illustrative purposes, the present forecast of capacity and energy rates are provided below.

Schedule of Estimated Avoided Costs

	Capacity						
	Value	Capacity Value (\$/MWh)		Energy Value (\$/MWh)			
Year	\$/kW/Mo	Flat 7x24	Solar	Wind	Flat 7X24	On-Peak	Off-Peak
2020	0.000	0.00	0.00	0.00	23.99	26.46	19.04
2021	0.000	0.00	0.00	0.00	19.67	22.28	14.48
2022	0.000	0.00	0.00	0.00	19.98	22.40	15.14
2023	0.000	0.00	0.00	0.00	20.44	22.73	15.86
2024	0.000	0.00	0.00	0.00	21.61	23.74	17.36
2025	0.000	0.00	0.00	0.00	22.76	24.85	18.60
2026	0.000	0.00	0.00	0.00	24.27	26.10	20.64
2027	14.230	19.49	0.00	0.00	23.57	24.97	20.77
2028	14.515	19.88	0.00	0.00	25.02	26.04	22.97
2029	14.805	20.28	0.00	0.00	25.92	26.66	24.44
2030	15.101	20.69	0.00	0.00	26.72	26.92	26.34
2031	15.403	21.10	0.00	0.00	29.46	29.47	29.46
2032	15.711	21.52	0.00	0.00	29.78	29.69	29.99
2033	16.026	21.95	0.00	0.00	31.22	30.78	32.12
2034	16.346	22.39	0.00	0.00	32.83	32.12	34.27
2035	16.673	22.84	0.00	0.00	33.66	32.70	35.62
2036	17.007	23.30	0.00	0.00	35.82	34.79	37.92
2037	17.347	23.76	0.00	0.00	36.12	34.83	38.73
2038	17.694	24.24	0.00	0.00	38.81	37.51	41.45
2039	18.048	24.72	0.00	0.00	38.60	37.42	41.01

- (2) <u>As-Available Power Rates</u> The As-Available Power Rate will be negotiated on a caseby-case basis reflecting the unique attributes of the QF facility and the Company's avoided costs.
- (3) Non-Binding Term Sheets for QFs with name plate capacities exceeding five megawatts (5 MW) AC can be found at: https://myavista.com/about-us/services-and-resources/interconnection.

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AVISTA CORPORATION dba Avista Utilities

SCHEDULE 62J QUALIFYING FACILITIES

III. Contracting Procedures.

These contracting procedures are provided by Avista pursuant to WAC 480-106-030(2) and apply to Qualifying Facilities. The contract procedures set forth herein apply to any Customer that intends to contract to deliver the output from its Qualifying Facility to the Company at a point of delivery on the Company's electrical system in the State of Washington. These contracting procedures may be adjusted periodically.

(1) Procedures

- A. To obtain an indicative pricing proposal for a proposed Qualifying Facility, the Customer shall provide the Company information that is reasonably required to develop such a proposal. Indicative pricing for facilities with a nameplate generation capacity less than five megawatts (5 MW) shall be the Power Rates contained in this schedule. Existing Qualifying Facilities that are seeking to renew an expiring contract with Avista are not required to provide information previously provided to Avista, but shall provide Avista any updates to the information previously provided. General information regarding a Qualifying Facility shall include:
 - i) Qualifying Facility owner name, organizational structure and chart, and contact information;
 - ii) generation and other related technology applicable to the Qualifying Facility;
 - iii) design capacity, station service requirements, and the net amount of power, all in kilowatts (kW), to be delivered to the Company's electric system by the Qualifying Facility;
 - iv) schedule of estimated Qualifying Facility electric output, in an 8,760-hour electronic spreadsheet format;
 - v) ability, if any, of Qualifying Facility to respond to dispatch orders from the Company;
 - vi) map of Qualifying Facility location, electrical interconnection point, and point of delivery;

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