Y-W Electric Association, Inc.		Cole	PUC No.	3	
Name of Utility	Original		Sheet No.	95	•
	Cancels	_	Sheet No.		•
III. Rules and Regulations - Standard Service for	Purchase of Power, Energy, or Both fro Maximum Generating Capacity Rules, Regulations, or Extension Policy	m Qualifying Facili	ties of 100 kW o	or Less	P C U o C e
Reserved for future filing.					
			DO NOT WRIT IN THIS SPAC	ΓE	
			IN THIS SPAC	Æ	
Advice Letter No.		Issue Date:	November 15,	, 2022	
	Signature of Issuing Officer				
Decision or Authority No.		Effective Date			
	Title	<u> </u>			

Y-W Electric Association, Inc.		Cole	o PUC No.	3	
Name of Utility	Original		Sheet No.	96	•
	Cancels	_	Sheet No.		-
III. Rules and Regulations - Standard Service for	r Purchase of Power, Energy, or Both fro Maximum Generating Capacity Rules, Regulations, or Extension Policy	om Qualifying Facili	ties of 100 kW	or Less	P C U o C d e
Reserved for future filing.					
			DO NOT WRI IN THIS SPACE	TE CE	
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Authority No.	Title				-
	11110				

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Name of Utility	Original		Sheet No.	97	
	Cancels	_	Sheet No.		
III. Rules and Regulations - Standard Service for	r Purchase of Power, Energy, or Both fro Maximum Generating Capacity Rules, Regulations, or Extension Policy	om Qualifying Facili	ties of 100 kW or	r Less	P C U o C e
Reserved for future filing.					
			DO NOT WRITI IN THIS SPACE	E 3	
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	Signature of Issuing Officer	<u></u>			
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Authority No.	Title				
	11110				

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Name of Utility	Original		Sheet No.	98	•
	Cancels	_	Sheet No.		•
III. Rules and Regulations - Standard Service for	Purchase of Power, Energy, or Both fro Maximum Generating Capacity Rules, Regulations, or Extension Policy	m Qualifying Facili	ties of 100 kW o	or Less	P C U o C e
Reserved for future filing.					
			DO NOT WRIT	ГЕ	
			IN THIS SPAC	Æ	
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Name of Utility	Original		Sheet No.	99	•
	Cancels	_	Sheet No.		•
III. Rules and Regulations - Standard Service for	r Purchase of Power, Energy, or Both fro Maximum Generating Capacity Rules, Regulations, or Extension Policy	om Qualifying Facili	ties of 100 kW o	or Less	P C U o C d e
Reserved for future filing.					
			DO NOT WRI	TE CE	
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	Signature of Issuing Officer	<u> </u>			•
Decision or	-	Effective Date			
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included as a part of the Generating Resource. Transformers, circuit breakers,

fuses, and power relays are not part of the Generating Resource.

Α

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be reliably transferred from the wholesale delivery points at which the Association purchases power from its wholesale power provider to the Association's service locations where the consumers purchase power from the

	arrangement between the Association and any Generating Resource installer, designer, or reseller. Therefore, the customer of record for that location must execute all applications and agreements. The interconnection customer or a duly authorized power of attorney agent with contractual capacity must sign all Pre-					
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Name of Utility			Original		Sheet No.	109
		Cancels			Sheet No.	
		gulations - Generator		ocedure		P U C
	Rı	ules, Regulations, or Ext	ension Policy			С
	generating facility from	ee or curtail the output of m the Association's subt construction, and repairs	transmission or distribut	ion system w	hen necessary	for
iii.		ing any forced outage, th its subtransmission or di		end intercom	nection service	to effect
					DO NOT WR IN THIS SPA	RITE ACE
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		Signature of Issuing	g Officer			
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Y-W Electric Association, Inc.						Colo	o PUC No.	3	
Nar	Name of Utility				Original		Sheet No.	110	_
			Ca	ncels			Sheet No.		
		IV. Rules and Re	egulations - Ge			ocedure			P U C
B. <u>PRE-A</u>	APPLICAT	ION INTERCONNEC	CTION DATA RI	EQUESTS:					
(1)	Informa whether facilities transmis characte confider	l Pre-Application Requal Pre-Application Requal Pre-Application Requarements are at single-phase or significant voltages, and, if laristics, study results, and it is protect the secusion providers in the action of the secusion of	uests may be made in has any facilitien three-phase second known, what other and system proper unity of the Assoc	s at the part ondary, sing or entities over ties and cap	icular location being le-phase or three-pha wn electric facilities a pabilities are nonpubl	asked about, ase primary of at that same lic in nature a	, whether these listribution, or location. Opera and are kept	ating	
(2)	The Ass Intercon or contra Data rep of instal learned Resourc typically	Formal Pre-Application Interconnection Data Requests The Association recommends that all prospective interconnection customers complete a formal Pre-Application Interconnection Data Request prior to submitting an Interconnection Application and especially before purchasing or contracting to purchase and install any Generating Resource equipment. The Pre-Application Interconnection Data report includes information necessary for the customer or their designer to do a quick check of the feasibility of installing a Generating Resource at the proposed location, which can save considerable cost and effort if it is learned early in the design process that a specific location will not accommodate the proposed Generating Resource without significant and costly improvements to the Association's electric system, the cost of which typically makes small interconnections infeasible. Formal Pre-Application Interconnection Data Requests may be made to the Association as follows:							
	i.	Parts 1, 4, and 5 of th applicable to the proj the proposed intercon- listing these parties an interconnections for valuation of auxiliary to the G exporting Generator I Part 1 must be signed requirements detailed from Parts 2 or 3 of the	ect, Parts 2 and/o nnection and the A nd their roles in t Wheeling Genera tenerating Resour Interconnection so I by the Associati I within A.(10).i of	r 3 shall als Association he project n tor Intercon ce itself, No ervice, or M on's custon of this GIP.	o be completed. If a is authorized to corre hay be attached to the mection service where the Metering Generato dedium Distributed Gener that owns the service of the complete that owns the service of the complete that the complet	dditional par espond with the eform. For passe there is also r Interconnection Invice and cons	ties are participathem, additional proposed on load on-site vection service, Naterconnection service with the	pating in al sheets which is Non-service, signing	
	ii.	Payment of \$125 sharpayment requirement the key determinant f Association's system Request. If the proposition, the amore Request shall be ded Interconnection Application of the proposition of the propos	es detailed within for separating a confirm a formal Proposed interconnect unt paid for the Proposed from the Application (including on the date	A.(10).ii of purtesy noting Application progress re-Application Figure 2 payment) of that the	Cthis GIP. The Assoc ce that a party intend on Interconnection D ses to a full Interconn- tion Interconnection I ee as long as the is received by the As Pre-Application Inter-	ciation's recess to interconducta Data Dection Data Sociation reconnection	eipt of this payı	ment is	
	iii.	Within 20 business da Data Request, includi complete the Pre-App the interconnection of contain the following	ing payment, the plication Intercon ustomer and all d	Association nection Dat esignated co	a's System Engineer state Request Form and contacts. This report s	shall return it to shall			
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Name of Utility			Original		Sheet No.	112		
			Cancels			Sheet No.		
		IV. Rules and	l Regulations - Generato	or Interconnection	n Procedure			P O O O
	Rules, Re			tension Policy				C e
		owned by the informal Pre if the Associ	ion characteristics of the electer Association, almost none of Application Requests, the officiation knows this information known to the Association.	of the preceding information of the preceding information of the preceding of the preceding in the preceding	rmation will be av of such other facil	ailable. As wi ities will be pr	ith the ovided	
		Association'	nown constraints that the Sys 's ability to interconnect with ovide safe, reliable, and adeq	the proposed Gener	rating Resource w	hile still retain		
		that site and on the available. In part GIP's adoption in	above may not be applicable the type of Generating Resour ticular, system capacity ratin in 2022, and it may take some blishes these ratings, they will	rce being proposed, a lgs have not been est time for the Associ	and some of the datablished or maintain attention to generate to	ata above may ained previous hese values. A	not be to this As the	
	iii.	Proposed Genera should be the min	of completing Part 4 of the I stor Size should be as determ nimum of: the inverter's nar ratings of the connected sol	ined in A.(9).i of thi neplate continuous p	s GIP. Specifical	y for solar DE		
	iv.	interconnection c to protect the cus	n business days after the date customer, all location and customer's confidentiality and t sociation's website.	stomer information v	will be redacted from	om the report i		
						DO NOT WE IN THIS SP		
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Nar	ne of Util	ity		Original		Sheet No.	113	-
			Cancels			Sheet No.		-
			egulations - Generato		ocedure			P C C C
			Rules, Regulations, or Ext	tension Policy				e
C. <u>LEVE</u>	L 1 INTE	RCONNECTION PRO	OCESS—INVERTER RE	SOURCES UP TO 25 k	<u> </u>			
(1)	straight determ the nec For the Study, Level 3 Applica- these st	r-based Generating Retforward to integrate in ine any potential impassessity for arrangement are reasons, the Level 1 and Facilities Study the Study Process. The lation and the Interconnualler interconnection	esources that are UL 1741 nto the Association's districts on the Association's sits for purchase and transpol Interconnection Process nat are typically performed Level 1 Interconnection Processing the process are consistent of the process of the	ibution system, which si ystem. Because these sy ort of the Generating Re essentially combines the d with larger interconnector rocess also combines a se in single form. Reflecting contains a standardized	implifies the analystems will typic esource's output the Feasibility Stu- ction requests un simplified Interc- ing the simplified the set of "screens"	alysis require cally be net-r is generally dy, System I der the stand onnection d study proce 'that determi	ed to metered, negated. mpact dard	
(2)	Inverte 1547-2 Interco shall be to be al the ene	018 and not exceeding nnection Process. The e the sum of the Gener ble to inject back onto rgy storage system. T	esources certified to comp g 25 kW continuous outpu e capacity of Generating R rating Resource plus the ar the Association's electric the application and interco	t rating are eligible to ap Resources that are install mount of power that the system, which may or ronnection process is as for	pply under the L led with an energ energy storage s may not be the follows:	evel 1 gy storage sy system is des ull output rat	stem signed ing of	
	i.		ommends, but does not re lication Interconnection D				ıplete	
	ii.	The interconnection	customer submits an Inte	rconnection Application	ı, consisting of the	he following	:	
		(10).i of this GI (b) Payment of the Application Into that the Application receivables involved: (c) The site plan and (d) Manufacturer's certified the Ge any backup interpretation of the site plan and (d) Manufacturer's certified the Ge any backup interpretation of the site plan and (d) Manufacturer's certified the Ge any backup interpretation of this GI	n Interconnection Applicate P. \$750 application fee in according application fee in according application Data Requestion is received by the Ascustomer intends to pay expice be sent prior to submit ad circuit schematic drawing cut sheets clearly showing nerating Resource equipmerface module used with a rm Interconnection Application	ccordance with Part A.(1 t was paid for and comp sociation, the application electronically, they may assist on of the application of the applicati	0).ii of this GIP bleted within six on fee is reduced request an electric. A.(10).4 of this Oy Recognized Terter and See Part 4	. If a Formal months of the to \$625. If to ronic miscell	l Pre- ne date the aneous atory	
	iii.	all additional support together with payme was submitted, the	electronic Application by the tring documents will be present have both been received Application will be date and a bona fide Application	rinted. When the Applic ed, regardless of the method time stamped. This st	cation hod either tamp			
	iv.		ss days of the date and tim ify the interconnection cu been received.					
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	charges that may exceed the estimate within 20 business without interest. The Supplemental Review screens shal Association within 30 business days of the customer's act follows:	l be analyzed by the	
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service transformer replacement, settings changes on Association or customer equipment, or changes in the type, size, or connection of the

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must be received by the Association within one year of the date that the

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of subpart ix. above.

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Name of U	tility		Original		Sheet No.	119	
		Cancels	_		Sheet No.		
	IV. Rules and Regulat	ions - Generator	Interconnection l	Procedure	_		P C U o C d e
	Rules, I	Regulations, or Exte	ension Policy				C a
xii.	If the customer paid any deganalysis or improvements to such deposits were insufficient, to Certificate of Completion, in actual cost of completing the days.	o the Association's siness days of the re the Association shal invoice the custome	system, the Associati turn of the fully-signal, within 60 business or for the difference be	on shall refund ed Certificate of days of the retu etween the depo	any unused portion. The formula of the fully sit(s) received	ortion of If such -signed and the pusiness	
Advice Letter No.				Issue Date:	November 1:	5, 2022	
		Signature of Issuing	Officer	_			
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	Associatio	<u></u>	•	Colo PUC No	3
Name	e of Utility		Original	Sheet No.	120
		Cancels		Sheet No.	
	IV.	Rules and Regulations - Generator	Interconnection Procedure		
		Rules, Regulations, or Exter	nsion Policy		
I EVEL	2 INTERCO	NNECTION PROCESS—RESOURCES UP) TO 2 4 MW:		
-		NNECTION PROCESS—RESOURCES OF	10 2-4 WW.		
(1)	Association' analysis required net-metered, Generating Fithe Feasibility interconnection of "screens"	desources that are up to 2-4 MW in size are, is distribution system than larger commercial tired to determine any potential impacts on the either non-exporting protection equipment of desource's output are generally necessary. The system Impact Study, and Facilities on requests under the standard Level 3 Study that determine the suitability of the Associate desource, though these screens are somewhat ion Process	power production resources, whe Association's system. Because a rarrangements for purchase and the Level 2 Interconnection Prosestudy that are typically perform y Process. This process also intended in the process are to handle	which can simplify the case these systems and transport of the case essentially commed with larger cludes a standardize the interconnected	the are not mbines zed set
(2)	output rating certified to c Mainline wit apply under energy storage storage syste be the full of for application distribution s Process's eli- complete rev	d Process ing Resources meeting the certification requare eligible to apply under the Level 2 Intercomply with UL 1741 and either UL 1741 SA hin 2.5 miles of a substation, and not exceed the Level 2 Interconnection Process. The case system shall be the sum of the Generating m is designed to be able to inject back onto atput rating of the energy storage system. All on of the Level 2 Interconnection Process, a system has the capability of dealing with power gibility thresholds, making it difficult for making under this process. Any applicants with study Process. The Level 2 application and study Process. The Level 2 application and study Process.	connection Process. Inverter-by or IEEE Standard 1547-2018, ling 4 MW continuous output rappacity of Generating Resource plus the amount of pthe Association's electric system (though the Colorado PUC man every small percentage of the Association at the upper limits of the lany Generating Resource at these this type of request are advised.	ased Generating R interconnecting al ating are also eligibles that are installed ower that the energy m, which may or madates these size the sociation's rural energy the Level 2 Intercontest sizes to successful to be prepared to	esources ong a ble to with an gy nay not resholds lectric nnection fully
	(a) (b) (c) (d) (e) (f) (g)	A Generating Resource, whether induction, seel 2 Interconnection Process must be certified ANSI C84.1-2016 Electric Power Systems ANSI/NEMA MG 12016, Motors and Ge IEEE Std 519-2014, IEEE Recommended Electrical Power Systems IEEE Std 1453-2015 IEEE Recommended Power Systems IEEE Std 1547-2018, IEEE Standard for In of Distributed Energy Resources with Asso Interfaces NFPA 70 (2017), National Electrical Code UL 1741 Inverters, Converters, and Contro Power Systems UL 1741 SA, until January 1, 2022, or until for interconnection will comply with IEEE Inverters, Converters, Controllers and Inter Use with Distributed Energy Resources	ed under the following codes an and Equipment – Voltage Ratir nerators Practices and Requirements for Practice for the Analysis of Flucture Connection and Interoperabil ciated Electric Power Systems Illers for Use in Independent I such time new DERs applying 1547-2018, IEEE Standards for	d standards: ags (60 Hertz) Harmonic Control ctuating Installation ity DO NOT WI IN THIS SP.	in n on
		Association recommends, but does not requested initially complete the Formal Pre-App			
lvice Letter No.			Issue Da	te: November 1	5, 2022
_		Signature of Issuing (

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modifications which could be made to its system, it shall also notify the customer of the estimated cost and lead time to implement such changes.

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business days of the return of the fully-signed Certificate of Completion, invoice

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Name of U	tility	Original	Sheet No.	127	
	Cancels		Sheet No.		
	IV. Rules and Regulations - Generate	or Interconnection Procedure	_	P	C
	Rules, Regulations, or Ex	tension Policy		P U C	d e
	Rules, Regulations, or Ex the customer for the difference between the d additional work. The customer shall pay the	leposit(s) received and the actual co	st of completing s. DO NOT W. IN THIS SP	RITE	
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	Title				
	Title				

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interconnection customer within five business days of either the scoping meeting

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Off Area sections of the Certificate of Completion and forward the signed

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	interconnection customer. The Association will likely	need to retain a	
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Specify and estimate the cost of all metering equipment related to the interconnection of the Generating Resource, including communications

Title