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Pegasus Solar
100 West Ohio Avenue
Richmond, CA 94804

October 15, 2020

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Attn: Mr. Kai Stephan, CEO

**Subject: Pegasus Solar™ Open & Closed Slot L-Foot
Allowable Load and Maximum Spacing Tables**

SML Job No.: 182-15

Dear Mr. Stephan:

We have analyzed the Pegasus Solar™ Open & Closed Slot L-Foot roof mount systems and determined that, for the configurations and criteria described below, it is in compliance with the applicable sections of the following reference documents:

Codes: ASCE/SEI 7-16 Min. Design Loads for Buildings & Other Structures
California Building Code 2019 Edition
California Residential Building Code 2019 Editions
Other: Aluminum Design Manual, ADM-2015 Edition

This letter is to address the use, allowable loads and maximum spacing for the Pegasus Solar™ Open Slot & Closed Slot L-Foot as shown in diagrams LF1-LF4 below. We have reviewed the test data for the Closed Slot L-Foot prepared by Applied Materials & Engineering (AME), tested September 20, 2017, and for the Open Slot L-Foot prepared by Applied Materials & Engineering (AME), project no. 1190303C, dated May 8, 2019, as well as, typical loading and anchorage conditions for common rail type solar racking systems. We have determined that, subject to the limitations outlined below, the Pegasus Solar™ Open Slot & Closed Slot L-Foot systems are suitable for most rooftop solar racking systems.

The primary structural element of the mount is a standard 5/16" dia. by 4 1/2 inch long stainless steel lag screw. The lag screw is intended to be anchored into a timber roof joist or truss with a minimum embedment of 2 inches. The AME tests simulated this configuration using 1/2" structural I plywood and a 2x4 DF-L member. The AME report indicates the failure mode for the Pegasus Solar™ Open Slot L-Foot is the slippage of the M10 bolt for tension and fracture of the cast part for shear loading; while the failure mode for the Pegasus Solar™ Closed Slot L-Foot is the fracture of the cast part for both tension and shear.

Pegasus Solar™ Open Slot L-Foot:

The allowable load for pullout (uplift) and lateral shear for anchorage in Doug Fir timber with a specific gravity (G) of 0.50 and other woods with varying specific gravities are as follows:

Table 1. Pegasus Solar Open Slot L-Foot Allowable Capacities (1)			
Wood Species	NDS Assigned Specific Gravity (2)	Allowable Uplift Capacity (lb) (3)	Allowable Shear Capacity (lb) (3)
Douglas Fir, Larch	0.50	803	472
Douglas Fir, South	0.46	708	453
Hem, Fir	0.43	640	438
Hem, Fir (North)	0.46	708	453
Southern Pine	0.55	926	495
Spruce, Pine, Fir	0.42	618	434

- (1) The minimum size rafter/truss top chord is 2x4.
- (2) The listed specific gravity is per 2015 NDS Table 12.3.3A
- (3) Values are based on securing lag bolt within center 1/3 of rafter/top chord width with a minimum 2.5" edge distance, and lateral loading direction down slope.

The values provided above, see table 1, were developed by taking the lowest of three tests divided by a factor of safety of 2.0 for bolt slippage and part fracture. These values do not include any additional increases or load factors, and it is up to the end user to determine any increases permissible by the code. The tension test load was applied at the top of the slot and the shear test load was applied at 3" above the bearing surface. Any adverse effects due to additional height or eccentricity of connected components shall be considered by the end user of this letter.

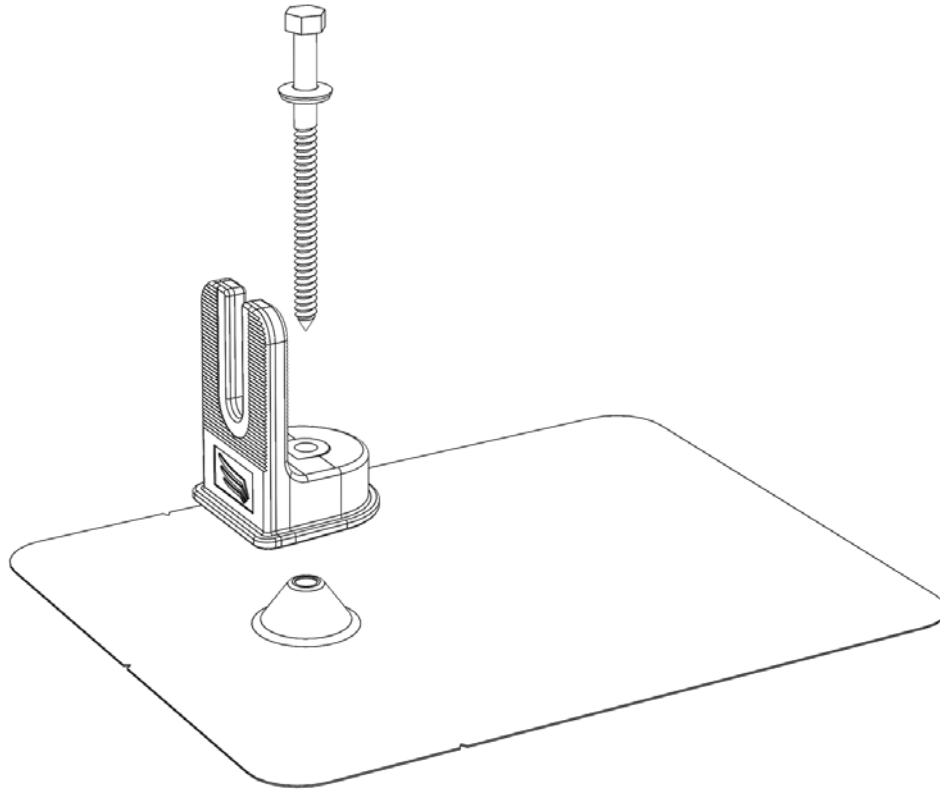


Diagram LF1: Pegasus Solar™ Open Slot L-Foot.

The Pegasus Solar™ Open Slot L-Foot as shown in diagram LF2 below mounted to the top of the Pegasus Tile Replace Mount is an acceptable installation and use of the L-Foot. When the Pegasus L-Foot is attached to the Pegasus Tile Replace Mount and not directly to the wood member, the Tile Replace Mount becomes the limiting factor in all directions. When installing in this manner refer to the “Pegasus Solar Tile Replace for Rails PE Certification Letter” for specific capacities.

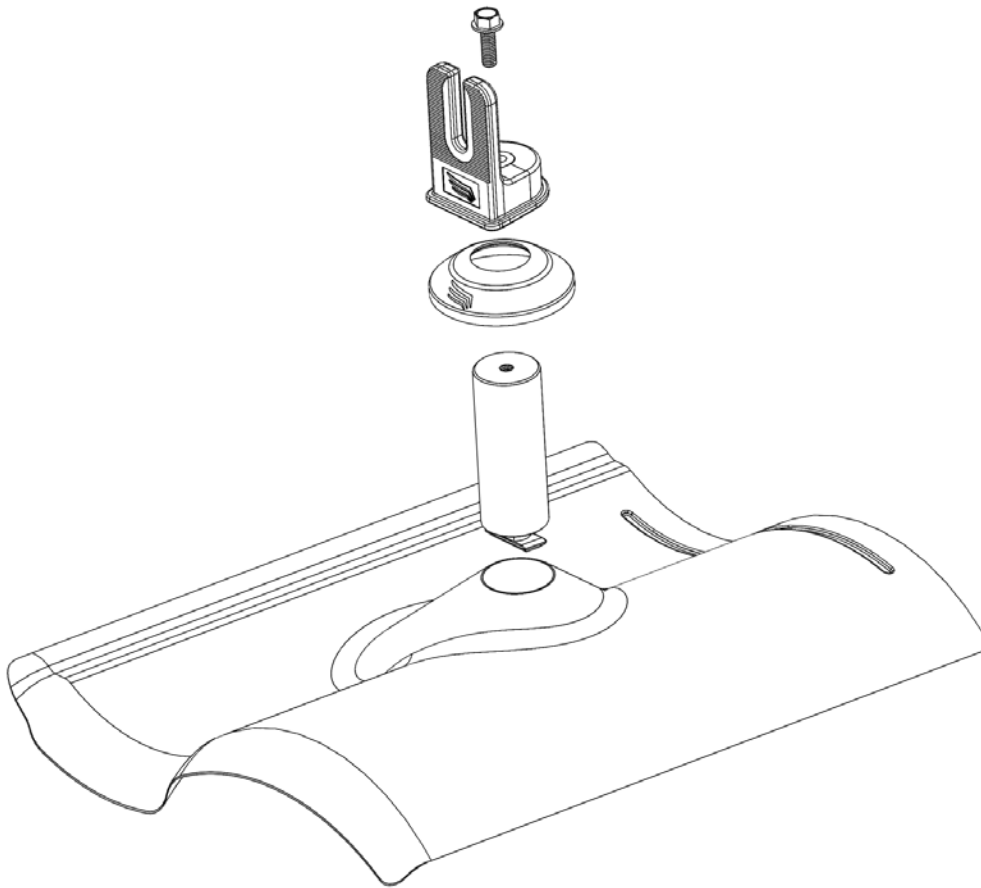


Diagram LF2: Pegasus Solar™ Open Slot L-Foot on Pegasus Tile Replace Mount.

Pegasus Solar™ Closed Slot L-Foot:

The allowable load for pullout (uplift) and lateral shear for anchorage in Doug Fir timber with a specific gravity (G) of 0.50 and other woods with varying specific gravities are as follows:

Table 2. Pegasus Solar Closed Slot L-Foot Allowable Capacities (1)			
Wood Species	NDS Assigned Specific Gravity (2)	Allowable Uplift Capacity (lb) (3)	Allowable Shear Capacity (lb) (3)
Douglas Fir, Larch	0.50	1254	472
Douglas Fir, South	0.46	1107	453
Hem, Fir	0.43	1000	438
Hem, Fir (North)	0.46	1107	453
Southern Pine	0.55	1447	495
Spruce, Pine, Fir	0.42	965	434

- (1) The minimum size rafter/truss top chord is 2x4.
- (2) The listed specific gravity is per 2015 NDS Table 12.3.3A
- (3) Values are based on securing lag bolt within center 1/3 of rafter/top chord width with a minimum 2.5" edge distance, and lateral loading direction down slope.

The values provided above, see table 2, were developed by taking the lowest of three tests divided by a factor of safety of 2.0 for aluminum rupture failure. Additionally, there was a slight modification of the part to decrease the thickness of the vertical serrated portion of the L-Foot after the AME test was completed. This reduced section was accounted for by reducing the tested results by a factor equal to the new cross-sectional area divided by the original cross-sectional area. This resulted in a reduction of 11% from that determined by the AME test. These values do not include any additional increases or load factors, and it is up to the end user to determine any increases permissible by the code. The tension test load was applied at the top of the slotted hole and the shear test load was applied at 3" above the bearing surface (please note that the lower Open Slot shear allowable capacity has been presented in the above table for the Closed Slot shear allowable capacity, which is slightly conservative). Any adverse effects due to additional height or eccentricity of connected components shall be considered by the end user of this letter.

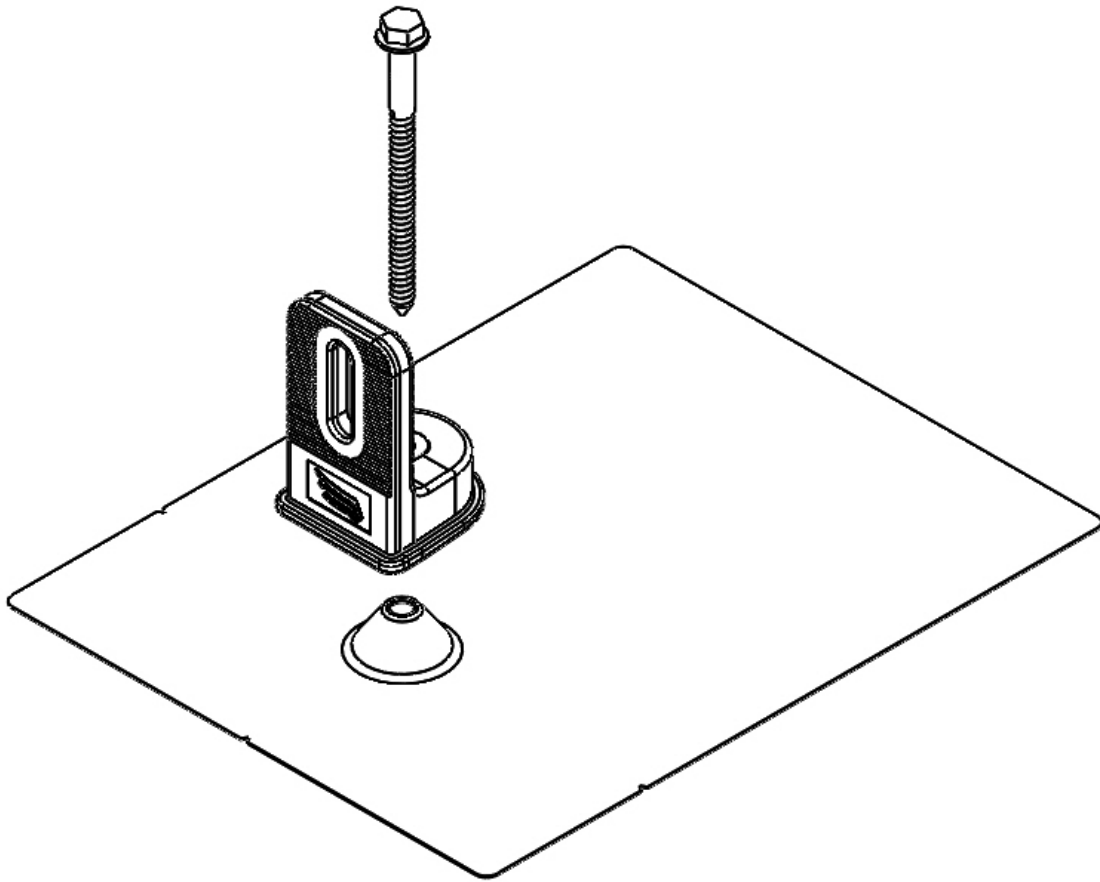


Diagram LF3: Pegasus Solar™ Closed Slot L-Foot.

The Pegasus Solar™ Closed Slot L-Foot as shown in diagram LF4 below mounted to the top of the Pegasus Tile Replace Mount is an acceptable installation and use of the L-Foot. When the Pegasus L-Foot is attached to the Pegasus Tile Replace Mount and not directly to the wood member, the Tile Replace Mount becomes the limiting factor in all directions. When installing in this manner refer to the “Pegasus Solar Tile Replace for Rails PE Certification Letter” for specific capacities.

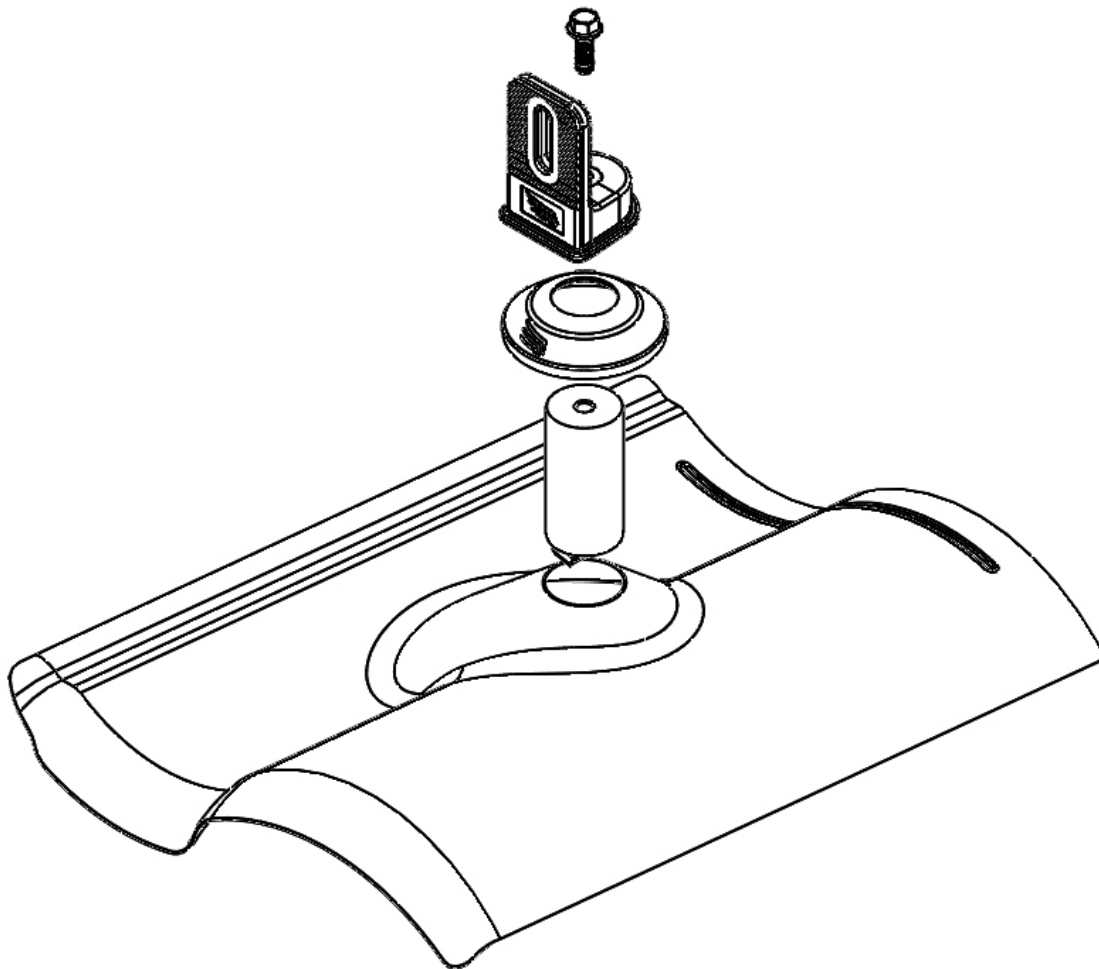


Diagram LF4: Pegasus Solar™ Closed Slot L-Foot on Pegasus Tile Replace Mount.

The following tables 3 through 6 show the maximum spacing for the Pegasus Solar™ Open and Closed Slot L-Foot, for gable and hip roof configurations, and applies for the installation of the lag screw in all wood species with a specific gravity (G) of 0.42 or higher.

Pegasus Solar - Open Slot L-Foot - Gable Roof - Flush Mount 0 to 30 Foot Roof - Portrait 60 Cell - Specific Gravity = 0.42																																															
Ground Snow Load (psf)	Exposure Category	Roof/ Panel Angle	Wind Speed (mph)	95			100			105			110			115			120			125			130			140			150			160			170			180			190				
			Roof Area	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3		
0	B	0 to 7	Array Interior	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96
			Array Edge	96	96	96	96	96	96	96	96	95	96	96	86	96	96	78	96	96	71	96	93	66	96	86	60	96	73	52	87	63	45	76	55	39	67	49	35	59	43	31	53	39	27		
		7.1 to 20	Array Interior	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	94	96	96	87	96	96	80	96	83	69	96	72	60	96	63	52	84	56	46	75	49	41	67	44	37		
			Array Edge	96	96	96	96	96	96	91	96	96	82	96	90	74	96	82	68	96	75	62	96	69	57	96	64	53	83	55	45	72	47	39	63	41	34	56	37	30	49	33	27	44	29	24	
		20.1 to 27	Array Interior	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	93	96	96	86	96	96	79	96	96	68	96	86	59	96	75	52	96	66	46	96	59	41	89	53	36			
			Array Edge	96	96	96	96	96	89	96	96	81	96	96	73	96	96	67	96	89	62	96	82	57	96	76	52	96	65	45	95	57	39	84	50	34	74	44	30	66	39	27	59	35	24		
		27.1 to 45	Array Interior	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	93	96	96	86	96	96	74	96	96	65	96	91	57	89	81	51	80	72	45	72	65	40		
			Array Edge	96	96	96	96	96	96	96	96	88	96	96	80	96	96	73	96	96	68	96	96	62	96	92	58	88	79	50	77	69	43	68	61	38	60	54	34	53	48	30	48	43	27		
	C	0 to 7	Array Interior	96	96	96	96	96	96	96	96	96	96	96	92	96	96	84	96	96	77	96	96	70	96	92	65	96	79	56	93	68	48	82	59	42	72	52	37	64	46	33	57	42	29		
			Array Edge	96	96	96	82	96	96	74	96	94	66	96	85	60	96	78	55	96	71	50	90	65	46	82	60	43	70	51	36	61	45	32	53	39	28	47	34	24	42	31	22	37	27	19	
		7.1 to 20	Array Interior	96	96	96	96	96	96	96	96	88	96	96	80	96	88	73	96	80	67	96	74	61	96	68	57	89	59	49	77	51	42	67	44	37	60	39	33	53	35	29	47	31	26		
			Array Edge	96	86	71	96	77	64	96	70	58	96	63	53	88	58	48	80	53	44	74	49	40	68	45	37	59	39	32	51	33	28	44	29	24	39	26	21	35	23	19	31	21	17		
		20.1 to 27	Array Interior	96	96	96	96	96	96	96	96	87	96	96	79	96	96	72	96	96	66	96	88	61	96	81	56	96	70	48	96	61	42	89	53	37	79	47	32	70	42	29	63	37	26		
			Array Edge	96	96	70	96	92	63	96	83	57	96	75	52	96	69	48	96	63	44	96	58	40	90	54	37	78	46	32	68	40	28	59	35	24	52	31	21	47	28	19	42	25	17		
		27.1 to 45	Array Interior	96	96	96	96	96	96	96	96	94	96	96	86	96	96	79	96	96	72	96	96	67	96	96	62	94	85	53	82	74	46	72	65	41	64	58	36	57	51	32	51	46	29		
			Array Edge	96	96	77	96	96	69	96	96	63	96	91	57	93	84	53	85	77	48	79	71	44	73	66	41	63	57	35	55	49	31	48	43	27	43	38	24	38	34	21	34	31	19		
	D	0 to 7	Array Interior	96	96	96	96	96	94	96	96	85	96	96	77	96	96	70	96	91	64	96	84	59	96	77	54	91	66	47	78	57	40	68	50	35	60	44	31	53	39	28	48	35	25		
			Array Edge	96	96	69	96	87	62	96	79	56	96	71	51	89	65	46	82	59	42	75	55	39	69	50	36	59	43	31	51	37	27	45	33	23	39	29	20	35	26	18	31	23	16		
		7.1 to 20	Array Interior	96	96	91	96	96	82	96	89	74	96	81	67	96	74	61	96	68	56	94	62	52	87	57	48	75	49	41	65	43	35	57	37	31	50	33	27	45	29	24	40	26	22		
			Array Edge	96	72	60	96	65	54	89	59	49	81	53	44	74	49	40	68	45	37	62	41	34	57	38	31	49	32	27	43	28	23	37	25	20	33	22	18	29	19	16	26	17	14		
		20.1 to 27	Array Interior	96	96	89	96	96	81	96	96	73	96	96	66	96	88	61	96	81	56	96	74	51	96	68	47	96	59	41	86	51	35	75	45	31	67	40	27	59	35	24	53	32	22		
			Array Edge	96	86	59	96	77	53	96	70	48	96	64	44	96	58	40	90	53	37	82	49	34	76	45	31	65	39	27	57	34	23	50	30	20	44	26	18	39	23	16	35	21	14		
		27.1 to 45	Array Interior	96	96	96	96	96	88	96	96	80	96	96	73	96	96	66	96	96	61	96	90	56	92	83	52	80	72	45	69	63	39	61	55	34	54	49	30	48	43	27	43	39	24		
			Array Edge	96	96	65	96	93	59	94	85	53	86	77	48	79	71	44	72	65	41	67	60	38	62	56	35	53	48	30	46	42	26	41	37	23	36	32	20	32	29	18	29	26	16		
5	B	0 to 7	Array Interior	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	93	96	96	79	96	96	68	96	85	60	96	75	53	91	66	47	81	59	42		
			Array Edge	96	96	96	96	96	96	96	96	95	96	96	86	96	96	78	96	96	71	96	93	66	96	86	60	96	73	52	87	63	45	76	55	39	67	49	35	59	43	31	53	39	27		
		7.1 to 20	Array Interior	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	94	96	96	87	96	96	80	96	83	69	96	72	60	96	63	52	84	56	46	75	49	41	67	44	37		
			Array Edge	96	96	96	96	96	96	91	96	96	82	96	90	74	96	82	68	96	75	62	96	69	57	96	64	53	83	55	45	72	47	39	63	41	34	56	37	30	49	33	27	44	29	24	
		20.1 to 27	Array Interior	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	93	96	96	86	96	96	79	96	96	68	96	86	59	96	75	52	96	66	46	96	59	41	89	53	36		
			Array Edge	96	96	96	96	96	89	96	96	81	96	96	73	96	96	67	96	89	62	96	82	57	96	76	52	96	65	45	95	57	39	84	50	34	74	44	30	66	39	27	59	35	24		
		27.1 to 45	Array Interior	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	93	96	96	86	96	96	74	96	96	65	96	91	57	89	81	51	80	72	45	72	65	40			
			Array Edge	96	96	96	96	96	96	96	96	88	96	96	80	96	96	73	96	96	68	96	96	62	96	92	58	88	79	50	77	69	43	68	61	38	60	54	34	53	48	30	48	43	27		
	C	0 to 7	Array Interior	96	96	96	96	96	96	96	96	96	96	96	92	96	96	84	96	96	77	96	96	70	96	92																					

Pegasus Solar - Open Slot L-Foot - Gable Roof - Flush Mount 0 to 30 Foot Roof - Portrait 60 Cell - Specific Gravity = 0.42																																																
Ground Snow Load (psf)	Exposure Category	Roof/ Panel Angle	Wind Speed (mph)	95			100			105			110			115			120			125			130			140			150			160			170			180			190					
			Roof Area	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3			
10	B	0 to 7	Array Interior	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	
			Array Edge	96	96	96	96	96	96	96	96	95	96	96	86	96	96	78	96	96	71	96	93	66	96	86	60	96	73	52	87	63	45	76	55	39	67	49	35	59	43	31	53	39	27			
		7.1 to 20	Array Interior	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	94	96	96	87	96	96	80	96	83	69	96	72	60	96	63	52	84	56	46	75	49	41	67	44	37			
			Array Edge	96	96	96	96	96	96	91	96	96	82	96	90	74	96	82	68	96	75	62	96	69	57	96	64	53	83	55	45	72	47	39	63	41	34	56	37	30	49	33	27	44	29	24		
		20.1 to 27	Array Interior	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	93	96	96	86	96	96	79	96	96	68	96	86	59	96	75	52	96	66	46	96	59	41	89	53	36			
			Array Edge	96	96	96	96	96	96	89	96	96	81	96	96	73	96	96	67	96	89	62	96	82	57	96	76	52	96	65	45	95	57	39	84	50	34	74	44	30	66	39	27	59	35	24		
		27.1 to 45	Array Interior	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96		
			Array Edge	96	96	96	96	96	96	96	96	88	96	96	80	96	96	73	96	96	68	96	96	62	96	92	58	88	79	50	77	69	43	68	61	38	60	54	34	53	48	30	48	43	27			
	C	0 to 7	Array Interior	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	
			Array Edge	96	96	82	96	96	74	96	96	94	66	96	85	60	96	78	55	96	71	50	82	65	46	82	60	43	70	51	36	61	45	32	53	39	28	47	34	24	42	31	22	37	27	19		
		7.1 to 20	Array Interior	96	96	96	96	96	96	96	96	96	88	96	96	80	96	88	73	96	80	67	96	74	61	96	68	57	89	59	49	77	51	42	67	44	37	60	39	33	53	35	29	47	31	26		
			Array Edge	96	86	71	96	77	64	96	70	58	96	63	53	88	58	48	80	53	44	74	49	40	68	45	37	59	39	32	51	33	28	44	29	24	39	26	21	35	23	19	31	21	17			
		20.1 to 27	Array Interior	96	96	96	96	96	96	96	96	87	96	96	79	96	96	72	96	96	66	96	88	61	96	81	56	96	81	56	96	70	48	96	61	42	89	53	37	79	47	32	70	42	29	63	37	26
			Array Edge	96	96	70	96	92	63	96	83	57	96	75	52	96	69	48	96	63	44	96	58	40	90	54	37	78	46	32	68	40	28	59	35	24	52	31	21	47	28	19	42	25	17			
		27.1 to 45	Array Interior	96	96	96	96	96	96	96	96	94	96	96	86	96	96	79	96	96	72	96	96	67	96	96	62	94	85	53	82	74	46	72	65	41	64	58	36	57	51	32	51	46	29			
			Array Edge	96	96	77	96	96	69	96	96	63	96	91	57	93	84	53	85	77	48	79	71	44	73	66	41	63	57	35	55	49	31	48	43	27	43	38	24	38	34	21	34	31	19			
	D	0 to 7	Array Interior	96	96	96	96	96	96	96	96	85	96	96	77	96	96	70	96	91	64	96	84	59	96	77	54	91	66	47	78	57	40	68	50	35	60	44	31	53	39	28	48	35	25			
			Array Edge	96	96	69	96	87	62	96	79	56	96	71	51	89	65	46	82	59	42	75	55	39	69	50	36	59	43	31	51	37	27	45	33	23	39	29	20	35	26	18	31	23	16			
		7.1 to 20	Array Interior	96	96	91	96	96	82	96	89	74	96	81	67	96	74	61	96	68	56	94	62	52	87	57	48	75	49	41	65	43	35	57	37	31	50	33	27	45	29	24	40	26	22			
			Array Edge	96	72	60	96	65	54	89	59	49	81	53	44	74	49	40	68	45	37	62	41	34	57	38	31	49	32	27	43	28	23	37	25	20	33	22	18	29	19	16	26	17	14			
		20.1 to 27	Array Interior	96	96	89	96	96	81	96	96	73	96	96	66	96	88	61	96	81	56	96	74	51	96	68	47	96	59	41	86	51	35	75	45	31	67	40	27	59	35	24	53	32	22			
			Array Edge	96	86	59	96	77	53	96	70	48	96	64	44	96	58	40	90	53	37	82	49	34	76	45	31	65	39	27	57	34	23	50	30	20	44	26	18	39	23	16	35	21	14			
		27.1 to 45	Array Interior	96	96	96	96	96	88	96	96	80	96	96	73	96	96	66	96	96	61	96	90	56	92	83	52	80	72	45	69	63	39	61	55	34	54	49	30	48	43	27	43	39	24			
			Array Edge	96	96	65	96	93	59	94	85	53	86	77	48	79	71	44	72	65	41	67	60	38	62	56	35	53	48	30	46	42	26	41	37	23	36	32	20	32	29	18	29	26	16			
15	B	0 to 7	Array Interior	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96
			Array Edge	96	96	96	96	96	96	96	96	95	96	96	86	96	96	78	96	96	71	96	93	66	96	86	60	96	73	52	87	63	45	76	55	39	67	49	35	59	43	31	53	39	27			
		7.1 to 20	Array Interior	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	94	96	96	87	96	96	80	96	83	69	96	72	60	96	63	52	84	56	46	75	49	41	67	44	37			
			Array Edge	96	96	96	96	96	96	91	96	96	82	96	90	74	96	82	68	96	75	62	96	69	57	96	64	53	83	55	45	72	47	39	63	41	34	56	37	30	49	33	27	44	29	24		
		20.1 to 27	Array Interior	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	93	96	96	86	96	96	79	96	96	68	96	86	59	96	75	52	96	66	46	96	59	41	89	53	36			
			Array Edge	96	96	96	96	96	89	96	96	81	96	96	73	96	96	67	96	89	62	96	82	57	96	76	52	96	65	45	95	57	39	84	50	34	74	44	30	66	39	27	59	35	24			
		27.1 to 45	Array Interior	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96		
			Array Edge	96	96	96	96	96	96	96	96	88	96	96	80	96	96	73	96	96	68	96	96	62	96	92	58	88	79	50	77	69	43	68	61	38	60	54	34	53	48	30	48	43	27			
	C	0 to 7	Array Interior	96	96	96	96	96	9																																							

Table 3
Maximum Spacing Tables

[illegible]

Pegasus Solar - Open Slot L-Foot - Gable Roof - Flush Mount 0 to 30 Foot Roof - Portrait 72 Cell - Specific Gravity = 0.42																																														
Ground Snow Load (psf)	Exposure Category	Roof/ Panel Angle	Wind Speed (mph)	95			100			105			110			115			120			125			130			140			150			160			170			180			190			
			Roof Area	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	
0	B	0 to 7	Array Interior	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	86	96	96	79	96	96	67	96	82	58	96	72	51	87	63	45	77	56	40	69	50	35			
			Array Edge	96	96	96	96	96	89	96	96	81	96	96	73	96	94	66	96	86	61	96	79	56	96	73	51	86	62	44	74	54	38	64	47	33	57	41	29	50	37	26	45	33	23	
		7.1 to 20	Array Interior	96	96	96	96	96	96	96	96	96	96	96	96	96	96	88	96	96	80	96	89	74	96	82	68	96	70	58	93	61	51	81	53	44	72	47	39	64	42	35	57	38	31	
			Array Edge	96	96	86	96	96	93	77	96	84	70	96	76	63	96	70	58	96	64	53	89	59	48	82	54	45	70	46	38	61	40	33	53	35	29	47	31	26	42	28	23	38	25	20
		20.1 to 27	Array Interior	96	96	96	96	96	96	96	96	96	96	96	96	94	96	96	86	96	96	79	96	96	73	96	96	67	96	84	58	96	73	50	96	64	44	95	56	39	84	50	35	76	45	31
			Array Edge	96	96	84	96	96	76	96	96	69	96	91	62	96	83	57	96	76	52	96	70	48	96	64	44	93	55	38	81	48	33	71	42	29	63	37	26	56	33	23	50	30	20	
		27.1 to 45	Array Interior	96	96	96	96	96	96	96	96	96	96	96	96	96	96	93	96	96	86	96	96	79	96	96	73	96	96	63	96	88	55	86	77	48	76	68	43	68	61	38	61	55	34	
			Array Edge	96	96	91	96	96	82	96	96	75	96	96	68	96	96	62	96	91	57	93	84	53	86	78	49	75	67	42	65	59	37	57	52	32	51	46	29	45	41	25	41	37	23	
	C	0 to 7	Array Interior	96	96	96	96	96	96	96	96	87	96	96	78	96	96	71	96	93	65	96	85	60	96	78	55	92	67	47	79	58	41	69	50	36	61	44	31	54	39	28	48	35	25	
			Array Edge	96	96	70	96	89	62	96	80	56	96	72	51	91	66	47	83	60	43	76	55	39	70	51	36	60	44	31	52	38	27	45	33	23	40	29	21	35	26	18	32	23	16	
		7.1 to 20	Array Interior	96	96	92	96	96	83	96	90	75	96	82	68	96	75	62	96	68	57	96	63	52	88	58	48	76	50	41	65	43	36	57	38	31	51	33	28	45	30	25	40	26	22	
			Array Edge	96	73	60	96	65	54	90	59	49	82	54	45	75	49	41	68	45	37	63	41	34	58	38	32	50	33	27	43	28	24	38	25	21	33	22	18	30	19	16	26	17	14	
		20.1 to 27	Array Interior	96	96	90	96	96	81	96	96	73	96	96	67	96	89	61	96	81	56	96	75	51	96	69	47	96	59	41	87	51	35	76	45	31	67	40	27	60	35	24	53	32	22	
			Array Edge	96	86	60	96	78	54	96	70	49	96	64	44	96	59	40	90	54	37	83	49	34	77	46	31	66	39	27	57	34	23	50	30	21	44	26	18	39	23	16	35	21	14	
		27.1 to 45	Array Interior	96	96	96	96	96	88	96	96	80	96	96	73	96	96	67	96	96	61	96	90	57	92	83	52	80	72	45	70	63	39	61	55	34	54	49	31	48	44	27	44	39	24	
			Array Edge	96	96	65	96	94	59	94	85	53	86	78	49	79	71	45	73	65	41	67	60	38	62	56	35	53	48	30	47	42	26	41	37	23	36	33	20	32	29	18	29	26	16	
	D	0 to 7	Array Interior	96	96	90	96	96	80	96	96	72	96	93	66	96	85	60	96	77	55	96	71	50	90	65	46	77	56	40	66	48	34	58	42	30	51	37	26	45	33	23	40	30	21	
			Array Edge	96	83	58	96	74	52	92	67	47	83	61	43	76	55	39	69	50	36	64	46	33	59	43	30	50	37	26	43	32	22	38	28	20	33	24	17	30	22	15	27	19	14	
		7.1 to 20	Array Interior	96	93	77	96	84	69	96	76	63	96	69	57	95	63	52	87	57	48	80	53	44	74	49	40	63	42	35	55	36	30	48	32	26	43	28	23	38	25	21	34	22	18	
			Array Edge	93	61	51	84	55	46	76	50	41	69	45	37	63	41	34	57	38	31	53	35	29	49	32	27	42	28	23	36	24	20	32	21	17	28	18	15	25	16	14	22	15	12	
		20.1 to 27	Array Interior	96	96	76	96	96	68	96	90	62	96	82	56	96	75	51	96	68	47	96	63	43	96	58	40	84	50	34	73	43	30	64	38	26	57	34	23	50	30	21	45	27	18	
			Array Edge	96	73	50	96	66	45	96	59	41	91	54	37	83	49	34	76	45	31	70	42	29	65	38	26	56	33	23	48	29	20	42	25	17	37	22	15	33	20	14	30	18	12	
		27.1 to 45	Array Interior	96	96	82	96	96	74	96	96	68	96	96	62	96	90	56	92	83	52	85	76	48	78	71	44	68	61	38	59	53	33	52	47	29	46	41	26	41	37	23	37	33	21	
			Array Edge	96	88	55	88	79	50	80	72	45	73	66	41	67	60	38	61	55	35	57	51	32	52	47	29	45	41	25	39	35	22	35	31	19	31	27	17	27	24	15	24	22	14	
5	B	0 to 7	Array Interior	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	93	96	96	86	96	96	79	96	96	67	96	82	58	96	72	51	87	63	45	77	56	40	69	50	35	
			Array Edge	96	96	96	96	96	89	96	96	81	96	96	73	96	94	66	96	86	61	96	79	56	96	73	51	86	62	44	74	54	38	64	47	33	57	41	29	50	37	26	45	33	23	
		7.1 to 20	Array Interior	96	96	96	96	96	96	96	96	96	96	96	96	96	96	88	96	96	80	96	89	74	96	82	68	96	70	58	93	61	51	81	53	44	72	47	39	64	42	35	57	38	31	
			Array Edge	96	96	86	96	96	93	77	96	84	70	96	76	63	96	70	58	96	64	53	89	59	48	82	54	45	70	46	38	61	40	33	53	35	29	47	31	26	42	28	23	38	25	20
		20.1 to 27	Array Interior	96	96	96	96	96	96	96	96	96	96	96	96	94	96	96	86	96	96	79	96	96	73	96	96	67	96	84	58	96	73	50	96	64	44	95	56	39	84	50	35	76	45	31
			Array Edge	96	96	84	96	96	76	96	96	69	96	91	62	96	83	57	96	76	52	96	70	48	96	64	44	93	55	38	81	48	33	71	42	29	63	37	26	56	33	23	50	30	20	
		27.1 to 45	Array Interior	96	96	96	96	96	96	96	96	96	96	96	96	96	96	93	96	96	86	96	96	79	96	96	73	96	96	63	96	88	55	86	77	48	76	68	43	68	61	38	61	55	34	
			Array Edge	96	96	91	96	96	82	96	96	75	96	96	68	96	96	62	96	91	57	93	84	53	86	78	49	75	67	42	65	59	37	57	52	32	51	46	29	45	41	25	41	37	23	
	C	0 to 7	Array Interior	96	96	96	96	96	96	96	96	87	96	96	78	96	96	71	96	93	65	96	85	60																						

Pegasus Solar - Open Slot L-Foot - Gable Roof - Flush Mount 0 to 30 Foot Roof - Portrait 72 Cell - Specific Gravity = 0.42																																														
Ground Snow Load (psf)	Exposure Category	Roof/ Panel Angle	Wind Speed (mph)	95			100			105			110			115			120			125			130			140			150			160			170			180			190			
			Roof Area	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	
10	B	0 to 7	Array Interior	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	86	96	96	86	96	96	79	96	96	67	96	82	58	96	72	51	87	63	45	77	56	40	69	50	35
			Array Edge	96	96	96	96	96	89	96	96	81	96	96	73	96	94	66	96	86	61	96	79	56	96	73	51	86	62	44	74	54	38	64	47	33	57	41	29	50	37	26	45	33	23	
		7.1 to 20	Array Interior	96	96	96	96	96	96	96	96	96	96	96	96	96	96	88	96	96	80	96	89	74	96	82	68	96	70	58	93	61	51	81	53	44	72	47	39	64	42	35	57	38	31	
			Array Edge	96	96	86	96	96	93	77	96	84	70	96	76	63	96	70	58	96	64	53	89	59	48	82	54	45	70	46	38	61	40	33	53	35	29	47	31	26	42	28	23	38	25	20
		20.1 to 27	Array Interior	96	96	96	96	96	96	96	96	96	96	96	94	96	96	86	96	96	79	96	96	73	96	96	67	96	84	58	96	73	50	96	64	44	95	56	39	84	50	35	76	45	31	
			Array Edge	96	96	84	96	96	76	96	96	69	96	91	62	96	83	57	96	76	52	96	70	48	96	64	44	93	55	38	81	48	33	71	42	29	63	37	26	56	33	23	50	30	20	
		27.1 to 45	Array Interior	96	96	96	96	96	96	96	96	96	96	96	96	96	96	93	96	96	86	96	96	79	96	96	73	96	96	63	96	88	55	86	77	48	76	68	43	68	61	38	61	55	34	
			Array Edge	96	96	91	96	96	82	96	96	75	96	96	68	96	96	62	96	91	57	93	84	53	86	78	49	75	67	42	65	59	37	57	52	32	51	46	29	45	41	25	41	37	23	
	C	0 to 7	Array Interior	96	96	96	96	96	96	96	96	87	96	96	78	96	96	71	96	93	65	96	85	60	96	78	55	92	67	47	79	58	41	69	50	36	61	44	31	54	39	28	48	35	25	
			Array Edge	96	96	70	96	89	62	96	80	56	96	72	51	91	66	47	83	60	43	76	55	39	70	51	36	60	44	31	52	38	27	45	33	23	40	29	21	35	26	18	32	23	16	
		7.1 to 20	Array Interior	96	96	92	96	96	83	96	90	75	96	82	68	96	75	62	96	68	57	96	63	52	88	58	48	76	50	41	65	43	36	57	38	31	51	33	28	45	30	25	40	26	22	
			Array Edge	96	73	60	96	65	54	90	59	49	82	54	45	75	49	41	68	45	37	63	41	34	58	38	32	50	33	27	43	28	24	38	25	21	33	22	18	30	19	16	26	17	14	
		20.1 to 27	Array Interior	96	96	90	96	96	81	96	96	73	96	96	67	96	89	61	96	81	56	96	75	51	96	69	47	96	59	41	87	51	35	76	45	31	67	40	27	60	35	24	53	32	22	
			Array Edge	96	86	60	96	78	54	96	70	49	96	64	44	96	59	40	90	54	37	83	49	34	77	46	31	66	39	27	57	34	23	50	30	21	44	26	18	39	23	16	35	21	14	
		27.1 to 45	Array Interior	96	96	96	96	96	88	96	96	80	96	96	73	96	96	67	96	96	61	96	90	57	92	83	52	80	72	45	70	63	39	61	55	34	54	49	31	48	44	27	44	39	24	
			Array Edge	96	96	65	96	94	59	94	85	53	86	78	49	79	71	45	73	65	41	67	60	38	62	56	35	53	48	30	47	42	26	41	37	23	36	33	20	32	29	18	29	26	16	
	D	0 to 7	Array Interior	96	96	90	96	96	80	96	96	72	96	93	66	96	85	60	96	77	55	96	71	50	90	65	46	77	56	40	66	48	34	58	42	30	51	37	26	45	33	23	40	30	21	
			Array Edge	96	83	58	96	74	52	92	67	47	83	61	43	76	55	39	69	50	36	64	46	33	59	43	30	50	37	26	43	32	22	38	28	20	33	24	17	30	22	15	27	19	14	
		7.1 to 20	Array Interior	96	93	77	96	84	69	96	76	63	96	69	57	95	63	52	87	57	48	80	53	44	74	49	40	63	42	35	55	36	30	48	32	26	43	28	23	38	25	21	34	22	18	
			Array Edge	93	61	51	84	55	46	76	50	41	69	45	37	63	41	34	57	38	31	53	35	29	49	32	27	42	28	23	36	24	20	32	21	17	28	18	15	25	16	14	22	15	12	
		20.1 to 27	Array Interior	96	96	76	96	96	68	96	90	62	96	82	56	96	75	51	96	68	47	96	63	43	96	58	40	84	50	34	73	43	30	64	38	26	57	34	23	50	30	21	45	27	18	
			Array Edge	96	73	50	96	66	45	96	59	41	91	54	37	83	49	34	76	45	31	70	42	29	65	38	26	56	33	23	48	29	20	42	25	17	37	22	15	33	20	14	30	18	12	
		27.1 to 45	Array Interior	96	96	82	96	96	74	96	96	68	96	96	62	96	90	56	92	83	52	85	76	48	78	71	44	68	61	38	59	53	33	52	47	29	46	41	26	41	37	23	37	33	21	
			Array Edge	96	88	55	88	79	50	80	72	45	73	66	41	67	60	38	61	55	35	57	51	32	52	47	29	45	41	25	39	35	22	35	31	19	31	27	17	27	24	15	24	22	14	
15	B	0 to 7	Array Interior	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	93	96	96	86	96	96	79	96	96	67	96	82	58	96	72	51	87	63	45	77	56	40	69	50	35	
			Array Edge	96	96	96	96	96	89	96	96	81	96	96	73	96	94	66	96	86	61	96	79	56	96	73	51	86	62	44	74	54	38	64	47	33	57	41	29	50	37	26	45	33	23	
		7.1 to 20	Array Interior	96	96	96	96	96	96	96	96	96	96	96	96	96	96	88	96	96	80	96	89	74	96	82	68	96	70	58	93	61	51	81	53	44	72	47	39	64	42	35	57	38	31	
			Array Edge	96	96	86	96	96	93	77	96	84	70	96	76	63	96	70	58	96	64	53	89	59	48	82	54	45	70	46	38	61	40	33	53	35	29	47	31	26	42	28	23	38	25	20
		20.1 to 27	Array Interior	96	96	96	96	96	96	96	96	96	96	96	94	96	96	86	96	96	79	96	96	73	96	96	67	96	84	58	96	73	50	96	64	44	95	56	39	84	50	35	76	45	31	
			Array Edge	96	96	84	96	96	76	96	96	69	96	91	62	96	83	57	96	76	52	96	70	48	96	64	44	93	55	38	81	48	33	71	42	29	63	37	26	56	33	23	50	30	20	
		27.1 to 45	Array Interior	96	96	96	96	96	96	96	96	96	96	96	96	96	96	93	96	96	86	96	96	79	96	96	73	96	96	63	96	88	55	86	77	48	76	68	43	68	61	38	61	55	34	
			Array Edge	96	96	91	96	96	82	96	96	75	96	96	68	96	96	62	96	91	57	93	84	53	86	78	49	75	67	42	65	59	37	57	52	32	51	46	29	45	41	25	41	37	23	
	C	0 to 7	Array Interior	96	96	96	96	96	96	96	96	87	96	96	78	96	96	71	96	93	65	96	85	60	96	78																				

Pegasus Solar - Open Slot L-Foot - Gable Roof - Flush Mount 0 to 30 Foot Roof - Portrait 72 Cell - Specific Gravity = 0.42																																														
Ground Snow Load (psf)	Exposure Category	Roof/ Panel Angle	Wind Speed (mph)	95			100			105			110			115			120			125			130			140			150			160			170			180			190			
			Roof Area	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	
20	B	0 to 7	Array Interior	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	93	96	96	86	96	96	79	96	96	67	96	82	58	96	72	51	87	63	45	77	56	40	69	50	35	
			Array Edge	96	96	96	96	96	89	96	96	81	96	96	73	96	94	66	96	86	61	96	79	56	96	73	51	86	62	44	74	54	38	64	47	33	57	41	29	50	37	26	45	33	23	
		7.1 to 20	Array Interior	96	96	96	96	96	96	96	96	96	96	96	96	96	96	88	96	96	80	96	89	74	96	82	68	96	70	58	93	61	51	81	53	44	72	47	39	64	42	35	57	38	31	
			Array Edge	96	96	86	96	96	93	77	96	84	70	96	76	63	96	70	58	96	64	53	89	59	48	82	54	45	70	46	38	61	40	33	53	35	29	47	31	26	42	28	23	38	25	20
		20.1 to 27	Array Interior	96	96	96	96	96	96	96	96	96	96	96	96	94	96	96	86	96	96	79	96	96	73	96	96	67	96	84	58	96	73	50	96	64	44	95	56	39	84	50	35	76	45	31
			Array Edge	96	96	84	96	96	76	96	96	69	96	91	62	96	83	57	96	76	52	96	70	48	96	64	44	93	55	38	81	48	33	71	42	29	63	37	26	56	33	23	50	30	20	
		27.1 to 45	Array Interior	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	93	96	96	86	96	96	79	96	96	73	96	96	63	96	88	55	86	77	48	76	68	43	68	61	38	61	55	34
			Array Edge	96	96	91	96	96	82	96	96	75	96	96	68	96	96	62	96	91	57	93	84	53	86	78	49	75	67	42	65	59	37	57	52	32	51	46	29	45	41	25	41	37	23	
	C	0 to 7	Array Interior	96	96	96	96	96	96	96	96	87	96	96	78	96	96	71	96	93	65	96	85	60	96	78	55	92	67	47	79	58	41	69	50	36	61	44	31	54	39	28	48	35	25	
			Array Edge	96	96	70	96	89	62	96	96	80	56	96	72	51	91	66	47	83	60	43	76	55	39	70	51	36	60	44	31	52	38	27	45	33	23	40	29	21	35	26	18	32	23	16
		7.1 to 20	Array Interior	96	96	92	96	96	83	96	90	75	96	82	68	96	75	62	96	68	57	96	63	52	88	58	48	76	50	41	65	43	36	57	38	31	51	33	28	45	30	25	40	26	22	
			Array Edge	96	73	60	96	65	54	90	59	49	82	54	45	75	49	41	68	45	37	63	41	34	58	38	32	50	33	27	43	28	24	38	25	21	33	22	18	30	19	16	26	17	14	
		20.1 to 27	Array Interior	96	96	90	96	96	81	96	96	73	96	96	67	96	89	61	96	81	56	96	75	51	96	69	47	96	59	41	87	51	35	76	45	31	67	40	27	60	35	24	53	32	22	
			Array Edge	96	86	60	96	78	54	96	70	49	96	64	44	96	59	40	90	54	37	83	49	34	77	46	31	66	39	27	57	34	23	50	30	21	44	26	18	39	23	16	35	21	14	
		27.1 to 45	Array Interior	96	96	96	96	96	88	96	96	80	96	96	73	96	96	67	96	96	61	96	90	57	92	83	52	80	72	45	70	63	39	61	55	34	54	49	31	48	44	27	44	39	24	
			Array Edge	96	96	65	96	94	59	94	85	53	86	78	49	79	71	45	73	65	41	67	60	38	62	56	35	53	48	30	47	42	26	41	37	23	36	33	20	32	29	18	29	26	16	
	D	0 to 7	Array Interior	96	96	90	96	96	80	96	96	72	96	93	66	96	85	60	96	77	55	96	71	50	90	65	46	77	56	40	66	48	34	58	42	30	51	37	26	45	33	23	40	30	21	
			Array Edge	96	83	58	96	74	52	92	67	47	83	61	43	76	55	39	69	50	36	64	46	33	59	43	30	50	37	26	43	32	22	38	28	20	33	24	17	30	22	15	27	19	14	
		7.1 to 20	Array Interior	96	93	77	96	84	69	96	76	63	96	69	57	95	63	52	87	57	48	80	53	44	74	49	40	63	42	35	55	36	30	48	32	26	43	28	23	38	25	21	34	22	18	
			Array Edge	93	61	51	84	55	46	76	50	41	69	45	37	63	41	34	57	38	31	53	35	29	49	32	27	42	28	23	36	24	20	32	21	17	28	18	15	25	16	14	22	15	12	
		20.1 to 27	Array Interior	96	96	76	96	96	68	96	90	62	96	82	56	96	75	51	96	68	47	96	63	43	96	58	40	84	50	34	73	43	30	64	38	26	57	34	23	50	30	21	45	27	18	
			Array Edge	96	73	50	96	66	45	96	59	41	91	54	37	83	49	34	76	45	31	70	42	29	65	38	26	56	33	23	48	29	20	42	25	17	37	22	15	33	20	14	30	18	12	
		27.1 to 45	Array Interior	96	96	82	96	96	74	96	96	68	96	96	62	96	90	56	92	83	52	85	76	48	78	71	44	68	61	38	59	53	33	52	47	29	46	41	26	41	37	23	37	33	21	
			Array Edge	96	88	55	88	79	50	80	72	45	73	66	41	67	60	38	61	55	35	57	51	32	52	47	29	45	41	25	39	35	22	35	31	19	31	27	17	27	24	15	24	22	14	
25	B	0 to 7	Array Interior	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	93	96	96	86	96	96	79	96	96	67	96	82	58	96	72	51	87	63	45	77	56	40	69	50	35	
			Array Edge	96	96	96	96	96	89	96	96	81	96	96	73	96	94	66	96	86	61	96	79	56	96	73	51	86	62	44	74	54	38	64	47	33	57	41	29	50	37	26	45	33	23	
		7.1 to 20	Array Interior	96	96	96	96	96	96	96	96	96	96	96	96	96	96	88	96	96	80	96	89	74	96	82	68	96	70	58	93	61	51	81	53	44	72	47	39	64	42	35	57	38	31	
			Array Edge	96	96	86	96	96	93	77	96	84	70	96	76	63	96	70	58	96	64	53	89	59	48	82	54	45	70	46	38	61	40	33	53	35	29	47	31	26	42	28	23	38	25	20
		20.1 to 27	Array Interior	96	96	96	96	96	96	96	96	96	96	96	96	94	96	96	86	96	96	79	96	96	73	96	96	67	96	84	58	96	73	50	96	64	44	95	56	39	84	50	35	76	45	31
			Array Edge	96	96	84	96	96	76	96	96	69	96	91	62	96	83	57	96	76	52	96	70	48	96	64	44	93	55	38	81	48	33	71	42	29	63	37	26	56	33	23	50	30	20	
		27.1 to 45	Array Interior	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	93	96	96	86	96	96	79	96	96	73	96	96	63	96	88	55	86	77	48	76	68	43	68	61	38	61	55	34
			Array Edge	96	96	91	96	96	82	96	96	75	96	96	68	96	96	62	96	91	57	93	84	53	86	78	49	75	67	42	65	59	37	57	52	32	51	46	29	45	41	25	41	37	23	
	C	0 to 7	Array Interior	96	96	96	96	96	96	96	96	87	96	96	78	96	96	71	96	93	65	96	85																							

Table 3
Maximum Spacing Tables

[illegible]

Table 3
Maximum Spacing Tables

[illegible]

Table 4
Maximum Spacing Tables

Pegasus Solar - Open Slot L-Foot - Hip Roof - Flush Mount 0 to 30 Foot Roof - Portrait 72 Cell - Specific Gravity = 0.42																																													
Ground Snow Load (psf)	Exposure Category	Roof/ Panel Angle	Wind Speed (mph)	95			100			105			110			115			120			125			130			140			150			160			170			180			190		
			Roof Zone	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3						
20	B	0 to 7	Array Interior	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			
		Array Edge	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0				
		7.1 to 20	Array Interior	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	95	96	89	82	96	77	71	91	67	62	80	59	55	71	53	49	63	47	43	
		Array Edge	96	96	96	96	96	96	96	96	96	96	96	88	96	88	81	96	80	74	96	74	68	92	68	63	79	58	54	68	51	47	60	44	41	53	39	36	47	35	32	42	31	29	
		20.1 to 27	Array Interior	96	96	0	96	96	0	96	96	0	96	96	0	96	96	0	96	96	0	96	96	0	96	96	0	96	96	0	96	91	0	96	80	0	96	71	0	91	63	0	81	56	0
		Array Edge	96	96	0	96	96	0	96	96	0	96	96	0	96	96	0	96	95	0	96	88	0	96	81	0	96	69	0	96	60	0	76	53	0	67	47	0	60	42	0	54	37	0	
	27.1 to 45	Array Interior	96	96	96	96	96	96	96	96	96	96	96	96	96	83	96	96	76	96	90	70	96	83	65	96	72	56	96	63	49	96	55	43	91	49	38	81	44	34	73	39	30		
	Array Edge	96	96	81	96	94	73	96	85	66	96	78	61	96	71	55	96	65	51	96	60	47	96	56	43	89	48	37	78	42	33	69	37	29	61	33	25	54	29	23	49	26	20		
	C	0 to 7	Array Interior	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		Array Edge	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
		7.1 to 20	Array Interior	96	96	96	96	96	96	96	96	96	96	95	96	94	87	96	86	79	96	79	73	96	73	67	84	63	58	73	54	50	64	47	44	56	42	39	50	37	34	45	33	31	
		Array Edge	96	92	84	96	83	76	96	75	69	91	68	62	83	62	57	76	57	52	70	52	48	65	48	44	55	41	38	48	36	33	42	31	29	37	28	25	33	25	23	30	22	20	
		20.1 to 27	Array Interior	96	96	0	96	96	0	96	96	0	96	96	0	96	96	0	96	96	0	96	94	0	96	87	0	96	74	0	93	65	0	82	57	0	72	50	0	64	45	0	57	40	0
		Array Edge	96	96	0	96	96	0	96	89	0	96	80	0	96	74	0	96	67	0	89	62	0	82	57	0	71	49	0	61	43	0	54	37	0	48	33	0	42	29	0	38	26	0	
	27.1 to 45	Array Interior	96	96	87	96	96	78	96	91	71	96	83	65	96	76	59	96	70	55	96	65	50	96	60	46	96	52	40	83	45	35	73	39	31	65	35	27	58	31	24	52	28	22	
	Array Edge	96	74	58	96	67	52	96	61	48	96	56	43	94	51	40	87	47	36	80	43	33	74	40	31	64	34	27	56	30	23	49	26	20	43	23	18	39	21	16	35	18	14		
	D	0 to 7	Array Interior	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		Array Edge	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		7.1 to 20	Array Interior	96	96	96	96	96	96	96	95	88	96	87	80	96	79	73	96	72	67	90	66	61	83	61	56	71	53	48	61	46	42	54	40	37	47	35	32	42	31	29	38	28	26
		Array Edge	96	77	71	93	69	64	84	63	58	77	57	52	70	52	48	64	48	44	59	44	40	54	40	37	47	35	32	40	30	28	35	26	24	31	23	21	28	21	19	25	18	17	
		20.1 to 27	Array Interior	96	96	0	96	96	0	96	96	0	96	96	0	96	94	0	96	86	0	96	79	0	96	73	0	90	63	0	78	54	0	69	48	0	61	42	0	54	38	0	48	34	0
		Array Edge	96	91	0	96	82	0	96	75	0	96	68	0	89	62	0	82	57	0	75	52	0	69	48	0	60	41	0	52	36	0	45	32	0	40	28	0	36	25	0	32	22	0	
	27.1 to 45	Array Interior	96	94	73	96	85	66	96	77	60	96	70	55	96	64	50	96	59	46	96	55	42	94	51	39	81	44	34	71	38	29	62	33	26	55	29	23	49	26	20	44	24	18	
	Array Edge	96	63	49	96	57	44	96	52	40	87	47	37	80	43	33	74	40	31	68	36	28	63	34	26	54	29	22	47	25	20	41	22	17	37	20	15	33	17	13	29	16	12		
25	B	0 to 7	Array Interior	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
		Array Edge	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
		7.1 to 20	Array Interior	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	95	96	89	82	96	77	71	91	67	62	80	59	55	71	53	49	63	47	43	
		Array Edge	96	96	96	96	96	96	96	96	96	96	96	88	96	88	81	96	80	74	96	74	68	92	68	63	79	58	54	68	51	47	60	44	41	53	39	36	47	35	32	42	31	29	
		20.1 to 27	Array Interior	96	96	0	96	96	0	96	96	0	96	96	0	96	96	0	96	96	0	96	96	0	96	96	0	96	96	0	96	96	0	96	80	0	96	71	0	91	63	0	81	56	0
		Array Edge	96	96	0	96	96	0	96	96	0	96	96	0	96	96	0	96	88	0	96	81	0	96	69	0	96	60	0	96	53	0	76	53	0	67	47	0	60	42	0	54	37	0	
	27.1 to 45	Array Interior	96	96	96	96	96	96	96	96	96	96	96	96	96	83	96	96	76	96	90	70	96	83	65	96	72	56	96	63	49	96	55	43	91	49	38	81	44	34	73	39	30		
	Array Edge	96	96	81	96	94	73	96	85	66	96	78	61	96	71	55	96	65	51	96	60	47	96	56	43	89	48	37	78	42	33	69	37	29	61	33	25	54	29	23	49	26	20		
	C	0 to 7	Array Interior	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		Array Edge	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
		7.1 to 20	Array Interior	96	96	96	96	96	96	96	96	96	95	96	94	87	96	86	79	96	79	73	96	73	67	84	63	58	73	54	50	64	47	44	56	42	39	50	37	34	45	33	31		
		Array Edge	96	92	84	96	83	76	96	75	69	91	68	62	83	62	57	76	57	52	70	52	48	65	48	44	55	41	38	48	36	33	42	31	29	37	28	25	33	25	23	30	22	20	
		20.1 to 27	Array Interior	96	96	0	96	96	0	96	96	0	96	96	0	96	96	0	96	96	0	96	94	0	96	87	0	96	74	0	93	65	0	82	57	0	72	50	0	64	45	0	57	40	0
		Array Edge	96	96	0	96	96	0	96	89	0	96	80	0	96	74	0	96	67	0	89	62	0	82	57	0	71	49	0	61	43	0	54	37	0	48	33	0	42	29	0	38	26	0	
	27.1 to 45	Array Interior	96	96	87	96	96	78	96	91	71	96	83	65	96	76	59	96	70	55	96	65	50	96	60	46	96	52	40	83	45	35	73	39	31	65	35	27	58	31	24	52	28	22	
	Array Edge	96	74	58	96	67	52	96	61	48	96	56	43	94	51	40	87	47	36	80	43	33	74	40	31	64	34	27	56	30	23	49	26	20	43	23	18	39	21	16	35	18	14		
	D	0 to 7	Array Interior	0	0	0																																							

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Pegasus Solar - Open Slot L-Foot - Hip Roof - Flush Mount 30 to 60 Foot Roof - Portrait 72 Cell - Specific Gravity = 0.42

Table 4
Maximum Spacing Tables

Pegasus Solar - Open Slot L-Foot - Hip Roof - Flush Mount 30 to 60 Foot Roof - Portrait 72 Cell - Specific Gravity = 0.42																																														
Ground Snow Load (psf)	Exposure Category	Roof/ Panel Angle	Wind Speed (mph)	95			100			105			110			115			120			125			130			140			150			160			170			180			190			
			Roof Zone	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3				
20	B	0 to 7	Array Interior	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			
			Array Edge	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			
		7.1 to 20	Array Interior	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	92	96	91	84	96	84	78	96	72	67	84	63	58	74	55	50	65	48	45	58	43	40	52	38	35	
			Array Edge	96	96	96	96	95	88	96	86	79	96	78	72	96	71	66	88	65	60	81	60	55	75	55	51	64	48	44	55	41	38	49	36	33	43	32	29	38	28	26	34	25	23	
		20.1 to 27	Array Interior	96	96	0	96	96	0	96	96	0	96	96	0	96	96	0	96	96	0	96	96	0	96	96	0	96	86	0	96	75	0	94	65	0	83	58	0	74	51	0	66	46	0	
			Array Edge	96	96	0	96	96	0	96	96	0	96	93	0	96	85	0	96	78	0	96	72	0	95	66	0	82	57	0	71	49	0	62	43	0	55	38	0	49	34	0	44	30	0	
		27.1 to 45	Array Interior	96	96	96	96	96	90	96	96	82	96	95	74	96	87	68	96	80	63	96	74	58	96	69	53	96	59	46	96	52	40	84	45	35	75	40	31	67	36	28	60	32	25	
			Array Edge	96	85	67	96	77	60	96	70	55	96	64	50	96	59	46	96	54	42	92	50	39	85	46	36	74	40	31	64	34	27	56	30	23	50	27	21	45	24	18	40	21	16	
		C	0 to 7	Array Interior	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
				Array Edge	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
			7.1 to 20	Array Interior	96	96	96	96	96	96	96	96	90	96	89	82	96	81	74	96	74	68	92	68	63	84	63	58	72	54	50	63	47	43	55	41	38	48	36	33	43	32	30	39	29	26
				Array Edge	96	79	73	96	71	65	86	64	59	78	58	54	72	53	49	65	49	45	60	45	41	55	41	38	48	35	33	41	31	28	36	27	25	32	24	22	28	21	19	25	19	17
	20.1 to 27		Array Interior	96	96	0	96	96	0	96	96	0	96	96	0	96	96	0	96	88	0	96	81	0	96	75	0	92	64	0	80	56	0	70	49	0	62	43	0	55	38	0	49	34	0	
			Array Edge	96	94	0	96	84	0	96	76	0	96	69	0	91	63	0	84	58	0	77	53	0	71	49	0	61	42	0	53	37	0	46	32	0	41	28	0	37	25	0	33	23	0	
	27.1 to 45		Array Interior	96	96	75	96	87	68	96	79	62	96	72	56	96	66	51	96	61	47	96	56	43	96	52	40	83	45	35	72	39	30	64	34	26	56	30	23	50	27	21	45	24	19	
			Array Edge	96	64	50	96	58	45	96	53	41	89	48	37	82	44	34	75	40	31	69	37	29	64	34	27	55	30	23	48	26	20	42	23	17	38	20	15	33	18	14	30	16	12	
	D		0 to 7	Array Interior	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
				Array Edge	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
			7.1 to 20	Array Interior	96	96	95	96	93	86	96	84	77	96	76	70	94	70	64	86	64	59	79	59	54	73	54	50	62	46	43	54	40	37	47	35	32	42	31	29	37	28	25	33	25	23
				Array Edge	92	68	63	82	61	56	74	55	51	68	50	46	62	46	42	56	42	39	52	39	36	48	36	33	41	31	28	36	27	24	31	23	21	28	20	19	25	18	17	22	16	15
		20.1 to 27	Array Interior	96	96	0	96	96	0	96	96	0	96	91	0	96	83	0	96	76	0	96	70	0	93	64	0	80	55	0	69	48	0	61	42	0	54	37	0	48	33	0	43	30	0	
			Array Edge	96	81	0	96	73	0	95	66	0	86	60	0	79	55	0	72	50	0	66	46	0	61	43	0	53	37	0	46	32	0	40	28	0	35	25	0	32	22	0	28	20	0	
		27.1 to 45	Array Interior	96	83	65	96	75	59	96	68	53	96	62	49	96	57	45	96	53	41	90	48	38	83	45	35	72	39	30	63	34	26	55	29	23	49	26	20	44	23	18	39	21	16	
			Array Edge	96	56	43	94	50	39	85	46	36	78	42	32	71	38	30	65	35	27	60	32	25	56	30	23	48	26	20	42	22	17	37	20	15	33	17	13	29	15	12	26	14	11	
25		B	0 to 7	Array Interior	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
				Array Edge	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
			7.1 to 20	Array Interior	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	92	96	91	84	96	84	78	96	72	67	84	63	58	74	55	50	65	48	45	58	43	40	52	38	35
				Array Edge	96	96	96	96	95	88	96	86	79	96	78	72	96	71	66	88	65	60	81	60	55	75	55	51	64	48	44	55	41	38	49	36	33	43	32	29	38	28	26	34	25	23
	20.1 to 27		Array Interior	96	96	0	96	96	0	96	96	0	96	96	0	96	96	0	96	96	0	96	96	0	96	96	0	96	86	0	96	75	0	94	65	0	83	58	0	74	51	0	66	46	0	
			Array Edge	96	96	0	96	96	0	96	96	0	96	93	0	96	85	0	96	78	0	96	72	0	95	66	0	82	57	0	71	49	0	62	43	0	55	38	0	49	34	0	44	30	0	
	27.1 to 45		Array Interior	96	96	96	96	96	90	96	96	82	96	95	74	96	87	68	96	80	63	96	74	58	96	69	53	96	59	46	96	52	40	84	45	35	75	40	31	67	36	28	60	32	25	
			Array Edge	96	85	67	96	77	60	96	70	55	96	64	50	96	59	46	96	54	42	92	50	39	85	46	36	74	40	31	64	34	27	56	30	23	50	27	21	45	24	18	40	21	16	
	C		0 to 7	Array Interior	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
				Array Edge	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
			7.1 to 20	Array Interior	96	96	96	96	96	96	96	96	90	96	89	82	96	81	74	96	74	68	92	68	63	84	63	58	72	54	50	63	47	43	55	41	38	48	36	33	43	32	30	39	29	26
				Array Edge	96	79	73	96	71	65	86	64	59	78	58	54	72	53	49	65	49	45	60	45	41	55	41	38	48	35	33	41	31	28	36	27	25	32	24	22	28	21	19	25	19	17
		20.1 to 27	Array Interior	96	96	0	96	96	0	96	96	0	96	96	0	96	96	0	96	88	0	96	81	0	96	75	0	92	64	0	80	56	0	70	49	0	62	43	0	55	38	0	49	34	0	
			Array Edge	96	94	0	96	84	0	96	76	0	96	69	0	91	63	0	84	58	0	77	53	0	71	49	0	61	42	0	53	37	0	46	32	0	41	28	0	37	25	0	33	23	0	
		27.1 to 45	Array Interior	96	96	75	96	87	68	96	79	62	96	72	56	96	66	51	96	61	47	96	56	43	96	52	40	83	45	35	72	39	30	64	34	26	56	30	23	50	27	21	45	24	19	
			Array Edge	96	64	50	96	58	45	96	53	41	89	48	37	82	44	34	75	40	31	69	37	29	64	34	27	55	30	23	48	26														

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Pegasus Solar - Open Slot L-Foot - Hip Roof - Flush Mount 30 to 60 Foot Roof - Landscape - Specific Gravity = 0.42																																																		
Ground Snow Load (psf)	Exposure Category	Roof/ Panel Angle	Wind Speed (mph)	95			100			105			110			115			120			125			130			140			150			160			170			180			190							
			Roof Zone	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3								
20	B	0 to 7	Array Interior	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0							
			Array Edge	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0						
		7.1 to 20	Array Interior	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96			
			Array Edge	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96				
		20.1 to 27	Array Interior	96	96	0	96	96	0	96	96	0	96	96	0	96	96	0	96	96	0	96	96	0	96	96	0	96	96	0	96	96	0	96	96	0	96	96	0	96	96	0	96	96	0	96	96	0		
			Array Edge	96	96	0	96	96	0	96	96	0	96	96	0	96	96	0	96	96	0	96	96	0	96	96	0	96	96	0	96	96	0	96	96	0	96	96	0	96	96	0	96	96	0	96	96	0		
		27.1 to 45	Array Interior	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96			
			Array Edge	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96				
		C	0 to 7	Array Interior	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
				Array Edge	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
			7.1 to 20	Array Interior	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	
				Array Edge	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96		
	20.1 to 27		Array Interior	96	96	0	96	96	0	96	96	0	96	96	0	96	96	0	96	96	0	96	96	0	96	96	0	96	96	0	96	96	0	96	96	0	96	96	0	96	96	0	96	96	0	96	96	0		
			Array Edge	96	96	0	96	96	0	96	96	0	96	96	0	96	96	0	96	96	0	96	96	0	96	96	0	96	96	0	96	96	0	96	96	0	96	96	0	96	96	0	96	96	0	96	96	0		
	27.1 to 45		Array Interior	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96		
			Array Edge	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96			
	D		0 to 7	Array Interior	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
				Array Edge	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
			7.1 to 20	Array Interior	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96
				Array Edge	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	
		20.1 to 27	Array Interior	96	96	0	96	96	0	96	96	0	96	96	0	96	96	0	96	96	0	96	96	0	96	96	0	96	96	0	96	96	0	96	96	0	96	96	0	96	96	0	96	96	0	96	96	0		
			Array Edge	96	96	0	96	96	0	96	96	0	96	96	0	96	96	0	96	96	0	96	96	0	96	96	0	96	96	0	96	96	0	96	9															

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[illegible]

Table 5 Maximum Spacing Tables

[illegible]

Table 5 Maximum Spacing Tables

[illegible]

Table 5
Maximum Spacing Tables

[illegible]

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Pegasus Solar - Closed Slot L-Foot - Gable Roof - Flush Mount 0 to 30 Foot Roof - Landscape - Specific Gravity = 0.42

Table 5
Maximum Spacing Tables

[illegible]

Table 5
Maximum Spacing Tables

[illegible]

Table 5
Maximum Spacing Tables

[illegible]

Table 5
Maximum Spacing Tables

[illegible]

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Pegasus Solar - Closed Slot L-Foot - Hip Roof - Flush Mount 0 to 30 Foot Roof - Portrait 60 Cell - Specific Gravity = 0.42

Table 6
Maximum Spacing Tables

[illegible]

Pegasus Solar - Closed Slot L-Foot - Hip Roof - Flush Mount 0 to 30 Foot Roof - Portrait 72 Cell - Specific Gravity = 0.42																																																					
Ground Snow Load (psf)	Exposure Category	Roof/ Panel Angle	Wind Speed (mph)	95			100			105			110			115			120			125			130			140			150			160			170			180			190										
			Roof Zone	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3											
20	B	0 to 7	Array Interior	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0								
			Array Edge	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0								
		7.1 to 20	Array Interior	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96					
			Array Edge	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96					
		20.1 to 27	Array Interior	96	96	0	96	96	0	96	96	0	96	96	0	96	96	0	96	96	0	96	96	0	96	96	0	96	96	0	96	96	0	96	96	0	96	96	0	96	96	0	96	96	0	96	96	0					
			Array Edge	96	96	0	96	96	0	96	96	0	96	96	0	96	96	0	96	96	0	96	96	0	96	96	0	96	96	0	96	93	0	96	82	0	96	72	0	92	64	0	83	58	0	0							
		27.1 to 45	Array Interior	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96					
			Array Edge	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96					
	C	0 to 7	Array Interior	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			
			Array Edge	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0					
		7.1 to 20	Array Interior	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96				
			Array Edge	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96					
		20.1 to 27	Array Interior	96	96	0	96	96	0	96	96	0	96	96	0	96	96	0	96	96	0	96	96	0	96	96	0	96	96	0	96	96	0	96	96	0	96	96	0	96	96	0	96	96	0	96	96	0	96	96	0		
			Array Edge	96	96	0	96	96	0	96	96	0	96	96	0	96	96	0	96	96	0	96	96	0	96	96	0	96	96	0	96	96	0	96	96	0	96	96	0	96	96	0	96	96	0	96	96	0	96	96	0		
		27.1 to 45	Array Interior	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96			
			Array Edge	96	96	88	96	96	80	96	93	73	96	85	67	96	78	61	96	72	56	96	66	52	96	61	48	96	53	41	85	46	36	75	41	32	67	36	28	60	32	25	54	29	22	0	0	0	0				
	D	0 to 7	Array Interior	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			
			Array Edge	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
		7.1 to 20	Array Interior	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96		
			Array Edge	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96			
		20.1 to 27	Array Interior	96	96	0	96	96	0	96	96	0	96	96	0	96	96	0	96	96	0	96	96	0	96	96	0	96	96	0	96	96	0	96	96	0	96	96	0	96	96	0	96	96	0	96	96	0	96	96	0		
			Array Interior	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96			
		27.1 to 45	Array Interior	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96
			Array Edge	96	96	75	96	87	68	96	79	62	96	72	56	96	66	52	96	61	48	96	56	44	96	52	41	83	45	35	72	39	30	64	34	27	57	30	24	51	27	21	46	24	19	0	0	0	0				
25	B	0 to 7	Array Interior	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0</																

Pegasus Solar - Closed Slot L-Foot - Hip Roof - Flush Mount 0 to 30 Foot Roof - Landscape - Specific Gravity = 0.42																																																
Ground Snow Load (psf)	Exposure Category	Roof/ Panel Angle	Wind Speed (mph)	95			100			105			110			115			120			125			130			140			150			160			170			180			190					
			Roof Zone	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3						
0	B	0 to 7	Array Interior	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0				
			Array Edge	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			
		7.1 to 20	Array Interior	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	
			Array Edge	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	
		20.1 to 27	Array Interior	96	96	0	96	96	0	96	96	0	96	96	0	96	96	0	96	96	0	96	96	0	96	96	0	96	96	0	96	96	0	96	96	0	96	96	0	96	96	0	96	96	0	96	96	0
			Array Edge	96	96	0	96	96	0	96	96	0	96	96	0	96	96	0	96	96	0	96	96	0	96	96	0	96	96	0	96	96	0	96	96	0	96	96	0	96	96	0	96	96	0	96	96	0
		27.1 to 45	Array Interior	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	95	
			Array Edge	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	
	C	0 to 7	Array Interior	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
			Array Edge	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
		7.1 to 20	Array Interior	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96
			Array Edge	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	
		20.1 to 27	Array Interior	96	96	0	96	96	0	96	96	0	96	96	0	96	96	0	96	96	0	96	96	0	96	96	0	96	96	0	96	96	0	96	96	0	96	96	0	96	96	0	96	96	0	96	96	0
			Array Edge	96	96	0	96	96	0	96	96	0	96	96	0	96	96	0	96	96	0	96	96	0	96	96	0	96	96	0	96	96	0	96	96	0	96	96	0	96	96	0	96	96	0	96	96	0
		27.1 to 45	Array Interior	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	
			Array Edge	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	
	D	0 to 7	Array Interior	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
			Array Edge	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
		7.1 to 20	Array Interior	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96
			Array Edge	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	
		20.1 to 27	Array Interior	96	96	0	96	96	0	96	96	0	96	96	0	96	96	0	96	96	0	96	96	0	96	96	0	96	96	0	96	96	0	96	96	0	96	96	0	96	96	0	96	96	0	96	96	0
			Array Edge	96	96	0	96	96	0	96	96	0	96	96	0	96	96	0	96	96	0	96	96	0	96	96	0	96	96	0	96	9																

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[illegible]

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Pegasus Solar - Closed Slot L-Foot - Hip Roof - Flush Mount 30 to 60 Foot Roof - Portrait 60 Cell - Specific Gravity = 0.42

Table 6 Maximum Spacing Tables

Pegasus Solar - Closed Slot L-Foot - Hip Roof - Flush Mount 30 to 60 Foot Roof - Portrait 60 Cell - Specific Gravity = 0.42																																													
Ground Snow Load (psf)	Exposure Category	Roof/ Panel Angle	Wind Speed (mph)	95			100			105			110			115			120			125			130			140			150			160			170			180			190		
			Roof Zone	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3						
20	B	0 to 7	Array Interior	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			
		Array Edge	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0				
		7.1 to 20	Array Interior	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96
		Array Edge	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	
		20.1 to 27	Array Interior	96	96	0	96	96	0	96	96	0	96	96	0	96	96	0	96	96	0	96	96	0	96	96	0	96	96	0	96	96	0	96	96	0	96	96	0	96	96	0	96	96	0
		Array Edge	96	96	0	96	96	0	96	96	0	96	96	0	96	96	0	96	96	0	96	96	0	96	96	0	96	96	0	96	96	0	96	96	0	96	96	0	96	96	0	96	96	0	
	C	27.1 to 45	Array Interior	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96
		Array Edge	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	
		0 to 7	Array Interior	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		Array Edge	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
		7.1 to 20	Array Interior	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96
		Array Edge	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	
	D	20.1 to 27	Array Interior	96	96	0	96	96	0	96	96	0	96	96	0	96	96	0	96	96	0	96	96	0	96	96	0	96	96	0	96	96	0	96	96	0	96	96	0	96	96	0	96	96	0
		Array Edge	96	96	0	96	96	0	96	96	0	96	96	0	96	96	0	96	96	0	96	96	0	96	96	0	96	96	0	96	96	0	96	96	0	96	96	0	96	96	0	96	96	0	
		27.1 to 45	Array Interior	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96
		Array Edge	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	
		0 to 7	Array Interior	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		Array Edge	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	B	7.1 to 20	Array Interior	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96
		Array Edge	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	
		20.1 to 27	Array Interior	96	96	0	96	96	0	96	96	0	96	96	0	96	96	0	96	96	0	96	96	0	96	96	0	96	96	0	96	96	0	96	96	0	96	96	0	96	96	0	96	96	0
		Array Edge	96	96	0	96	96	0	96	96	0	96	96	0	96	96	0	96	96	0	96	96	0	96	96	0	96	96	0	96	96	0	96	96	0	96	96	0	96	96	0	96	96	0	
		27.1 to 45	Array Interior	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96
		Array Edge	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	
C	0 to 7	Array Interior	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	Array Edge	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	7.1 to 20	Array Interior	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	
	Array Edge	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96		
	20.1 to 27	Array Interior	96	96	0	96	96	0	96	96	0	96	96	0	96	96	0	96	96	0	96	96	0	96	96	0	96	96	0	96	96	0	96	96	0	96	96	0	96	96	0	96	96	0	
	Array Edge	96	96	0	96	96	0	96	96	0	96	96	0	96	96	0	96	96	0	96	96	0	96	96	0	96	96	0	96	96	0	96	96	0	96	96	0	96	96	0	96	96	0		
D	27.1 to 45	Array Interior	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	
	Array Edge	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96		
	0 to 7	Array Interior	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	Array Edge	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
	7.1 to 20	Array Interior	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	
	Array Edge	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96		
B	20.1 to 27	Array Interior	96	96	0	96	96	0	96	96	0	96	96	0	96	96	0	96	96	0	96	96	0	96	96	0	96	96	0	96	96	0	96	96	0	96	96	0	96	96	0	96	96	0	
	Array Edge	96	96	0	96	96	0	96	96	0	96	96	0	96	96	0	96	96	0	96	96	0	96	96	0	96	96	0	96	96	0	96	96	0	96	96	0	96	96	0	96	96	0		
	27.1 to 45	Array Interior	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	
	Array Edge	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96													

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Pegasus Solar - Closed Slot L-Foot - Hip Roof - Flush Mount 30 to 60 Foot Roof - Portrait 72 Cell - Specific Gravity = 0.42

Table 6 Maximum Spacing Tables

Pegasus Solar - Closed Slot L-Foot - Hip Roof - Flush Mount 30 to 60 Foot Roof - Portrait 72 Cell - Specific Gravity = 0.42																																															
Ground Snow Load (psf)	Exposure Category	Roof/ Panel Angle	Wind Speed (mph)	95			100			105			110			115			120			125			130			140			150			160			170			180			190				
			Roof Zone	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3					
20	B	0 to 7	Array Interior	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0				
			Array Edge	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0				
		7.1 to 20	Array Interior	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	89	96	85	78	96	75	69	90	67	62	80	60	55						
			Array Edge	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	93	96	93	86	96	86	79	96	74	68	86	64	59	75	56	52	67	50	46	59	44	41	53	40	37				
		20.1 to 27	Array Interior	96	96	0	96	96	0	96	96	0	96	96	0	96	96	0	96	96	0	96	96	0	96	96	0	96	96	0	96	96	0	96	89	0	96	79	0	96	71	0					
			Array Edge	96	96	0	96	96	0	96	96	0	96	96	0	96	96	0	96	96	0	96	96	0	96	87	0	96	76	0	96	67	0	85	59	0	76	53	0	68	47	0					
		27.1 to 45	Array Interior	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	95	96	96	88	96	96	82	96	90	71	96	79	62	96	70	54	96	62	48	96	55	43	91	50	39				
			Array Edge	96	96	96	96	96	92	96	96	83	96	96	76	96	89	70	96	82	64	96	76	59	96	70	55	96	61	48	96	53	41	86	47	36	77	41	32	69	37	29	62	33	26		
		C	0 to 7	Array Interior	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
				Array Edge	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
			7.1 to 20	Array Interior	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	89	96	83	77	96	72	67	85	64	59	75	56	52	67	50	46	60	45	41				
				Array Edge	96	96	96	96	96	96	96	96	91	96	90	83	96	82	76	96	75	70	93	69	64	86	64	59	74	55	51	64	48	44	56	42	39	50	37	34	44	33	31	40	30	27	
	20.1 to 27		Array Interior	96	96	0	96	96	0	96	96	0	96	96	0	96	96	0	96	96	0	96	96	0	96	96	0	96	85	0	96	74	0	93	65	0	83	58	0	74	52	0	66	46	0		
			Array Edge	96	96	0	96	96	0	96	96	0	96	96	0	96	84	0	96	77	0	96	71	0	94	66	0	81	57	0	71	49	0	62	43	0	55	38	0	49	34	0	44	31	0		
	27.1 to 45		Array Interior	96	96	96	96	96	96	96	96	94	96	96	86	96	96	79	96	92	72	96	85	67	96	79	62	96	68	53	96	60	47	96	53	41	86	47	36	77	42	32	69	37	29		
			Array Edge	96	96	77	96	96	89	69	96	81	63	96	74	58	96	68	53	96	62	49	96	57	45	96	53	41	85	46	36	74	40	31	65	35	27	58	31	24	52	28	22	47	25	19	
	D		0 to 7	Array Interior	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
				Array Edge	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
			7.1 to 20	Array Interior	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	91	84	77	96	72	66	84	63	58	74	55	51	65	49	45	58	43	40	52	39	36		
				Array Edge	96	96	96	96	95	87	96	86	79	96	78	72	95	71	66	87	65	60	81	60	55	74	55	51	64	48	44	56	41	38	49	36	34	43	32	30	38	29	26	34	26	24	
		20.1 to 27	Array Interior	96	96	0	96	96	0	96	96	0	96	96	0	96	96	0	96	96	0	96	96	0	96	96	0	96	85	0	96	74	0	93	65	0	83	58	0	74	52	0	66	46	0		
			Array Edge	96	96	0	96	96	0	96	96	0	96	96	0	96	84	0	96	77	0	96	71	0	94	66	0	81	57	0	71	49	0	62	43	0	55	38	0	49	34	0	44	31	0		
		27.1 to 45	Array Interior	96	96	96	96	96	96	96	96	82	96	95	75	96	87	68	96	80	63	96	74	58	96	69	54	96	59	46	95	52	40	84	46	36	75	41	32	67	36	28	60	32	25		
			Array Edge	96	85	67	96	77	60	96	70	55	96	64	50	96	59	46	96	54	42	92	50	39	85	46	36	74	40	31	64	35	27	57	31	24	50	27	21	45	24	19	40	22	17		
25		B	0 to 7	Array Interior	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
				Array Edge	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
			7.1 to 20	Array Interior	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	89	96	85	78	96	75	69	90	67	62	80	60	55					
				Array Edge	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	93	96	86	79	96	74	68	86	64	59	75	56	52	67	50	46	59	44	41	53	40	37	
	20.1 to 27		Array Interior	96	96	0	96	96	0	96	96	0	96	96	0	96	96	0	96	96	0	96	96	0	96	96	0	96	96	0	96	96	0	96	89	0	96	79	0	96	71	0					
			Array Edge	96	96	0	96	96	0	96	96	0	96	96	0	96	96	0	96	96	0	96	96	0	96	87	0	96	76	0	96	67	0	85	59	0	76	53	0	68	47	0					
	27.1 to 45		Array Interior	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	95	96	96	88	96	96	82	96	90	71	96	79	62	96	70	54	96	62	48	96	55	43	91	50	39			
			Array Edge	96	96	96	96	96	92	96	96	83	96	96	76	96	89	70	96	82	64	96	76	59	96	70	55	96	61	48	96	53	41	86	47	36	77	41	32	69	37	29	62	33	26		
	C		0 to 7	Array Interior	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
				Array Edge	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
			7.1 to 20	Array Interior	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	89	96	83	77	96	72	67	85	64	59	75	56	52	67	50	46	60	45	41				
				Array Edge	96	96	96	96	96	96	96	96	91	96	90	83	96	82	76	96	75	70	93	69	64	86	64	59	74	55	51	64	48	44	56	42	39	50	37	34	44	33	31	40	30	27	
		20.1 to 27	Array Interior	96	96	0	96	96	0	96	96	0	96	96	0	96	96	0	96	96	0	96	96	0	96	96	0	96	85	0	96	74	0	93	65	0	83	58	0	74	52	0	66	46	0		
			Array Edge	96	96	0	96	96	0	96	96	0	96	96	0	96	84	0	96	77	0	96	71	0	94	66	0	81	57	0	71	49	0	62	43	0	55	38	0	49	34	0	44	31	0		
		27.1 to 45	Array Interior	96	96	96	96	96	96	96	96	82	96	95	75	96	87	68	96	80	63	96	74	58	96	69	54	96	59	46	95	52	40	84	46	36	75	41	32	67	36	28	60	32	25		
			Array Edge	96	96	77	96	89	69	96	81	63	96	74	58	96	68	53	96	62	49	96	57	45	96	53																					

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Pegasus Solar - Closed Slot L-Foot - Hip Roof - Flush Mount 30 to 60 Foot Roof - Landscape - Specific Gravity = 0.42

Notes – Tested values are based on the following criteria:

1. 2.0” minimum penetration of lag screw into 2x roof framing, excluding the tapered tip portion.
2. PV panel must comply with mechanical load requirements of UL 1703 OR 2703.

Our analysis assumes that the connections and associated hardware are installed in a workmanlike manner in accordance with the Pegasus Solar™ Open Slot & Closed Slot L-Foot Mount Installation Manual, the rail manufacturer’s Installation Manual and generally accepted standards of construction practice.

It is the responsibility of the contractor to verify that the strength of the roof framing meets the minimum properties used in the tests and can safely support the maximum imposed loads stated within this document.

The bolted connection to the Open and Closed Slot L-Foot is outside the scope of this report and has not been considered in the above allowable loads or maximum span tables. It is the responsibility of the contractor to determine the capacity of this bolted connection and take appropriate reductions if applicable.

Starling Madison Lofquist, Inc. and Pegasus Solar™ assume no liability beyond what is specifically shown in this letter. Additional information is available at the Pegasus Solar™ web site, <http://pegasussolar.com/>

Please feel free to contact me at your convenience if you have any questions.

Respectfully yours,



Jesse Light, S.E., P.E.
Principal / Sr. Structural Engineer

Rusmir Begic, P.E.
Professional Licensed Engineer