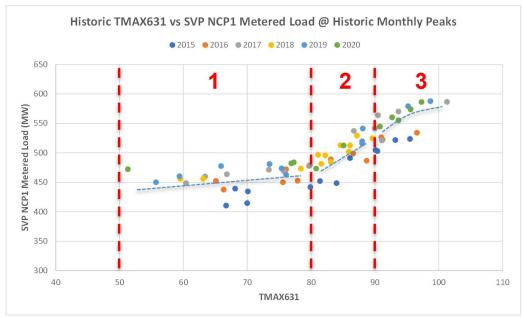
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Attachment 1- SVP System Temperature Response



SVP's system is responsive to ambient weather conditions and may be segmented into the 3 Temperature Ranges below:



Approximating SVP's System Response by the forementioned Temperature Ranges results in the following Modeled Functions and Temperature Range Load Ratios @ SVP's System Peak:

System Response by Temperature Range							
Range	Model Type	Modeled Function					
1	Linear	y = 0.664x + 412.39					
2	Linear	y = 6.0378x - 13.746					
3	2nd Order Polynomial	$y = -0.1776x^2 + 39.691x - 1608.7$					

Temp Range Load Ratios @ SVP System Peak						
9						
2.99%						
3.67%						

SVP's system response to a temperature signal is most pronounced during the shoulder months (steep linear slope) when cooling loads begin to ramp:

System Response by Temperature Range Modeled Function	1	2	3	4	5	6	7	8	9	10	11	12
1-in-2	1	1	1	2	2	3	3	3	3	2	1	1
1-in-5	1	1	2	2	3	3	3	3	3	3	2	1
1-in-10	1	1	2	3	3	3	3	3	3	3	2	1
1-in-20	1	1	2	3	3	3	3	3	3	3	2	1