

Getting to Price -- And Beyond

CSVP Workshop
June 8, 2017

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John Shenot



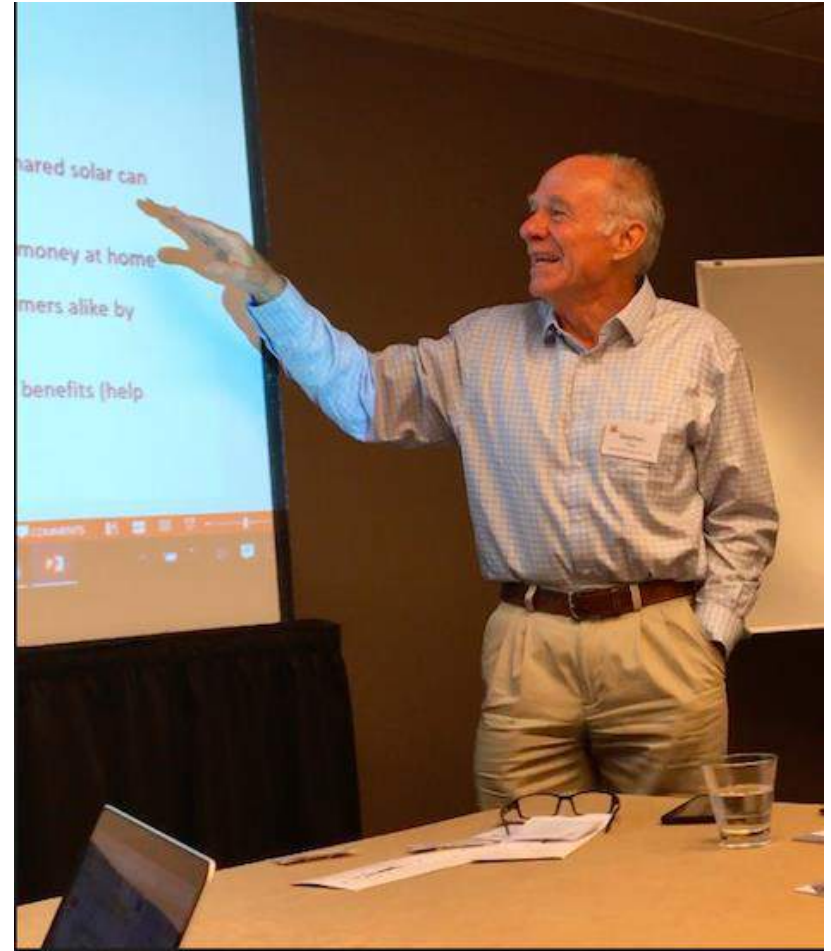
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Words of Wisdom

- “Get Your Rates Department Involved As Early As Possible!”


- *Stephen Frantz, SMUD*



Three Mechanisms for Incorporating CS Value in Customer Bills

- Adjusted Energy Charge (or Adjusted PPA Cost)
- Adjusted Wires Charge (e.g., Reduce or Eliminate Transmission Component)
- Bill Credit (Similar to EE or DR Incentive Payment)

Sample Bill




Billing Period: May 4, 2017 - June 3, 2017

	Rate	Usage (kwh)	
Customer Charge			\$10.00
Generation Charge, RSP-1	\$0.092	380	\$34.96
Generation Charge, RSCSS-1	\$0.102	225	\$22.95
Delivery Charge	\$0.041	605	\$24.81
Taxes and Stuff			\$6.95
<i>Please Fork Over by June 17, 2017</i>			\$99.67



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Sample Bill: Modified PPA



Billing Period: May 4, 2017 - June 3, 2017


	Rate	Usage (kwh)	
Customer Charge			\$10.00
Generation Charge, RSP-1	\$0.092	380	\$34.96
Generation Charge, RSCSS-1	\$0.082	225	\$18.45
Delivery Charge	\$0.041	605	\$24.81
Taxes and Stuff			\$6.62
<i>Please Fork Over by June 17, 2017</i>			\$94.83

[=\$.102 - \$.02]



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Sample Bill: Wires Charge Offset



Billing Period: May 4, 2017 - June 3, 2017


	Rate	Usage (kwh)	
Customer Charge			\$10.00
Generation Charge, RSP-1	\$0.092	380	\$34.96
Generation Charge, RSCSS-1	\$0.102	225	\$22.95
Delivery Charge, RSPD-1	\$0.041	380	\$15.58
Delivery Charge, RSCSSD-1	\$0.021	225	\$4.73
Taxes and Stuff			\$6.62
<i>Please Fork Over by June 17, 2017</i>			\$94.83

[=\$.041 - \$.02]



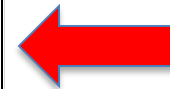
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Sample Bill: Program Credit



Billing Period: May 4, 2017 - June 3, 2017

	Rate	Usage (kwh)	
Customer Charge			\$10.00
Generation Charge, RSP-1	\$ 0.092	380	\$34.96
Generation Charge, RSCSS-1	\$ 0.102	225	\$22.95
Delivery Charge	\$ 0.041	605	\$24.81
CSS Program Credit	\$(0.020)	225	(\$4.50)
Taxes and Stuff			\$6.62
<i>Please Fork Over by June 17, 2017</i>			\$94.83



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Which is Best?

- Customer Preference, Regulation
- Politics, Current Practice, IT Considerations
- Adjust PPA – May have easier justification based on procurement language
- Wires Charge – May appear most “logical” to upper management
- Bill Credit – May fit most easily with existing billing system based on other programs

