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LMS-2023-01 Proposal for Statewide Rate Tool

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Attached SRT-USCA-SMSM-R200-0000-19570410.htm is my proposal for a Statewide Rate Tool (SRT) that could be accessed through the LMS QR code URL required on ratepayer bills.

please enjoy,

Steve Uhler
sau@wwmpd.com

Additional submitted attachment is included below.

LMS-2023-01 Proposal for Statewide Rate Tool

Attached SRT-USCA-SMSM-R200-0000-19570410.htm is my proposal for a Statewide Rate Tool (SRT) that could be accessed through the LMS QR code URL required on ratepayer bills.

The QR code URL would take the ratepayer to a login page for the electric utility's Statewide Rate Tool access.

Once logged in, the ratepayer would find a link to their personal copy like the attached SRT-USCA-SMSM-R200-0000-19570410.htm.

Upon opening the SRT, the rate payer would see a rate comparison of available rates.

[show analysis](#)

Electric power company Rate Comparison And Load Analysis (RCALA)

Billing Period: 05:00:00 PM, 08/12/2023 to 04:00:00 PM, 09/12/2023

USCA-SMSM-R200-0000 Current rate energy cost: 108.00 Dollars

Compare with:

USCA-SMSM-RE00-0000 energy cost: 106.23 Dollars

USCA-SMSM-RC00-0000 energy cost: 97.58 Dollars

USCA-SMSM-RCE0-0000 energy cost: 95.81 Dollars

By clicking on "show analysis" button, the rate payer would see their hourly USAGE and cost charts for the billing period.

[show compare](#)

[day forward](#)

[day back](#)

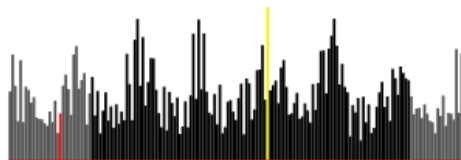
[step forward](#)

Sun, 12:00:00 PM, 08/13/2023, Analysis RIN-Account: U

592 KWh

USAGE

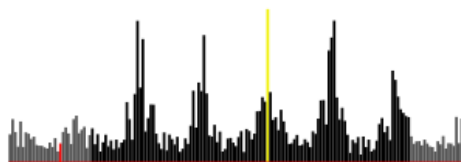
0.70 KWh, 0.29 Ramp



108.00 Dollars

USCA-SMSM-R200-0000

0.09976 \$/Hr, 0.04065 Ramp

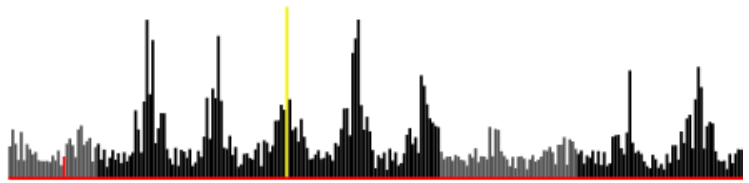


Charts for hourly costs for other available rates are provided.

106.23 Dollars

USCA-SMSM-RE00-0000

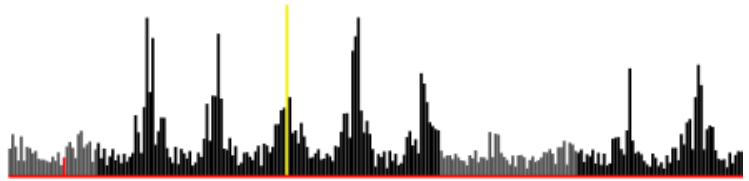
0.09976 \$/Hr, 0.04065 Ramp



97.58 Dollars

USCA-SMSM-RC00-0000

0.08576 \$/Hr, 0.03494 Ramp

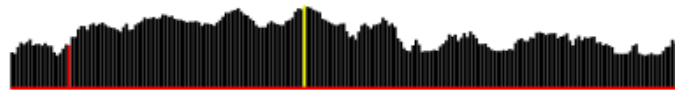


A hourly CARBON chart for percentage of USAGE that is CARBON sourced and total billing period MWh produced by the balancing authority.

902,724 MWh

CARBON

23.92 %, -0.29 % Ramp



Balancing authority hourly renewable energy charts as percentage of USAGE are provided with total billing period MWh produced by the balancing authority.

60,213 MWh

SOLAR

17 %, -3.35 % Ramp

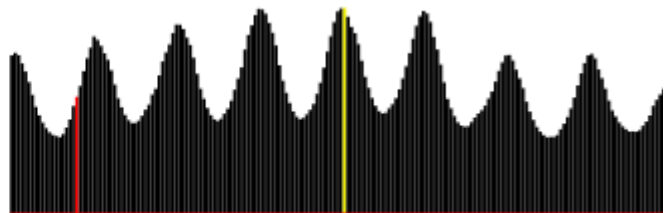


Balancing authority hourly and total DEMAND chart is provided.

1,816,123 MWh

DEMAND ON BANC

2599 MWh, 205 Ramp



The SRT is coded in common programming languages and could be produced by many programmable data reporting system.

```
1 <!DOCTYPE html>
2 <html>
3 <head>
4 <meta charset="utf-8">
5 <title id="tabTitle">
6 </title>
7 </head>
8 <body>
9 <!--
10 BUILD DIVISIONS
11 -->
12 <div id="controlbuttons"></div>
13 <div id="compareSection"></div>
14 <div id="charttimeline"></div>
15 <script>
16 // DECLARE VARIABLES
17 var rin="USCA-SMSM-R200-0000";
18 var acct="19570410"
19 var hc=0;//SWITCH CASE CONTROL FOR DISPLAY
20 var ic=0;//SET TO SHOW COMPARE SECTION
21 var htc=0;//HIDE CHART AREA FOR ANALYSIS
22 //CONTROL BUTTON GROUPS
```

The SRT contains the ratepayers usage data that could be shared by the ratepayer with a third party. Simply save the SRT and send the file to the third party.

```
{category:"USAGE",color:"#000000",order:1,unit:"KWh",datemin:"08/12/2023",datemax:"09/12/2023",timemin:"05:00:00 PM, 08/12/2023",timemax:"04:00:00 PM, 09/12/2023",valuemin:.25114,valuemax:2.25386,sum:591.95764,value:[1.02296,1.56119,1.10413,.58479,1.47866,.57293,1.09272,1.04242,.85643,.93928,.64327,.61890,.61326,.55850,.51958,.72780,.57186,.88680,.41482,.70006,1.10855,1.26890,1.05566,.67679,1.56145,1.68554,1.06190,1.18850,1.29094,.53857,.99439,1.23510,.67076,1.02804,.40985,.74107,1.00864,.59535,.80341,.49125,.83359,.54767,.72719,.60076,1.57238,1.13038,.60147,1.77883,2.08300,1.10511,1.81608,.81522,1.15997,1.51002,1.50636,1.04617,.70523,.49871,1.09131,.45105,1.01466,.85418,.65976,.93327,.39971,.50970,.87702,.49730,.96445,1.86592,.91460,2.07480,1.05389,1.87214,1.01965,.71109,.68094,.98447,.54035,1.12018,.41020,.49984,.87291,.89472,.72640,.60411,.92403,1.13603,.39424,1.21127,1.14084,.61120,.75839,1.33398,1.34199,1.69981,.90058,2.25386,1.03814,1.11363,1.18195,.84976,1.37243,1.48301,1.08910,.68194,.70230,.85268,1.00127,.62269,.65570,.84742,.74371,.56654,1.13055,.75161,1.14521,1.61502,1.62332,.99505,1.64830,1.83808,2.08554,1.69163,1.12422,1.42519,1.08929,1.00956,.36511,.82398,.71448,.92544,.30435,.94445,.56945,.83314,.41265,.4
```

please enjoy,

Steve Uhler
sau@wwmpd.com