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DR
Demand Response Programs

Real Time Pricing   (For Non-Auto-DR Customers)

How to Manage RTP Courtesy Alerts
   - Accessing Online Tools
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Accessing Online Tools

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Demand Response
Automated Server (DRAS)

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Logging In to DRAS

Real Time Pricing (RTP) Courtesy Alerts are sent using the Automated Demand Response Server (DRAS). You must log in to the DRAS in order to make changes to your alerts criteria and contacts.

STEP 1:   Go to the website www.sce.openadr.com.

A Login Screen will appear.

STEP 2:   Enter your **username** and p**assword**.
(Your username and password were provided in your confirmation activation email.)

STEP 3.   Click the Login button.

If Login is successful, the following screen should appear:

For your privacy, it is recommended that you change your password immediately after your first log in. From the Clients view, click on the **Update Password** Tab, indicated above.

Section II.

Managing Contact Information

Adding and Deleting Contacts

Contact Options

Currently the DRAS only allows you to enter an email address. However you may choose to send RTP Courtesy Alerts to your cell phone as text messages using Short Message Service (SMS).

Simply append the 10-digit phone number to your phone carrier's SMS address (e.g. 6265551234@txt.att.net). Different phone carriers will have different addresses.*

(Check with your mobile phone provider to verify pricing, fees, and availability of SMS messaging.)

> *IMPORTANT NOTE:*
> Once an e-mail address for the recipient of RTP Courtesy Alerts has been established in the DRAS, you will be **unable to edit** that email address.
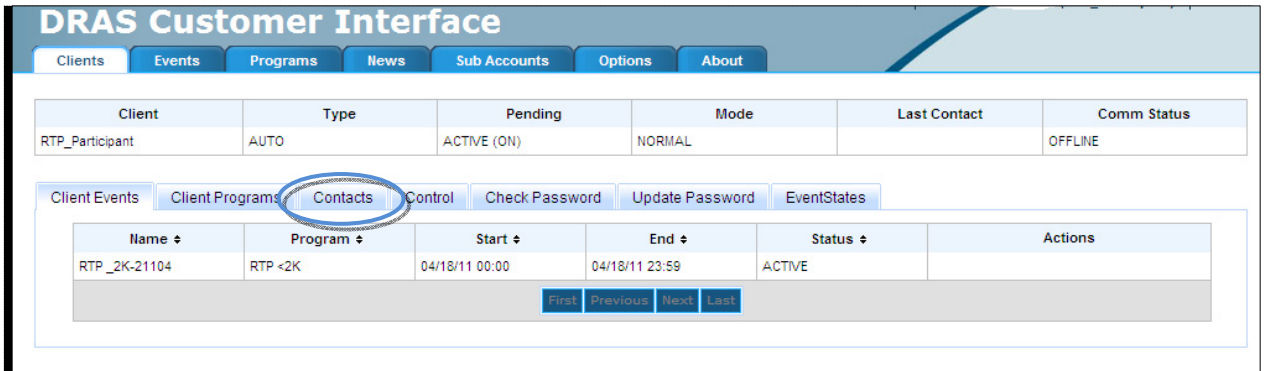>
> **You may only delete an unwanted contact and add a new one.**

*SCE provides this information as a courtesy only. SCE is not responsible for any associated fees, costs, or damages that may result from utilizing the SMS option for RTP Courtesy Alerts.
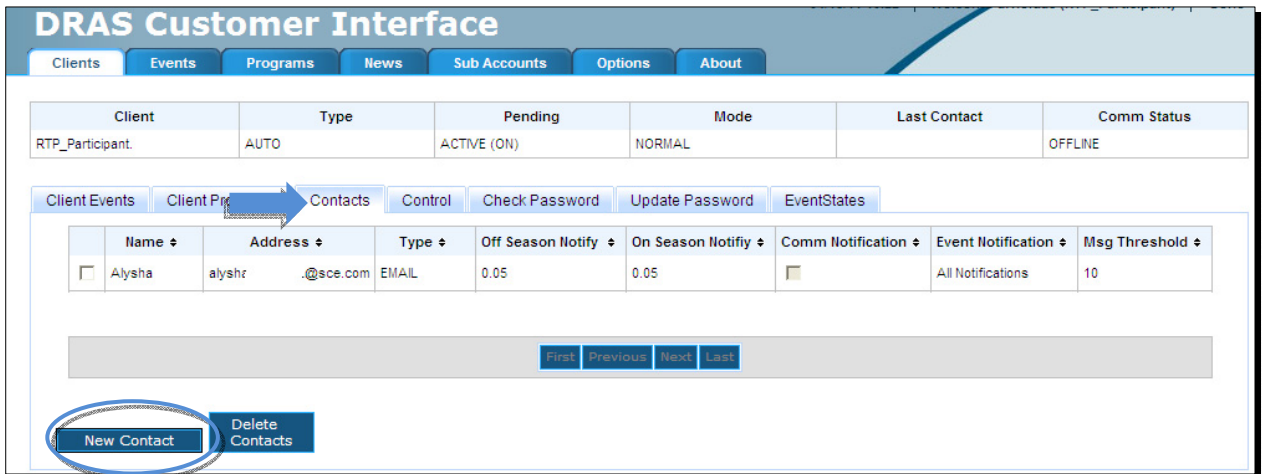
Adding A Contact

Log In to DRAS to access the DRAS Customer Interface.

STEP 1:   From the Clients View, click on the **Contacts** tab.

Your current contacts list will be displayed.

STEP 2:   Click on the **New Contact** button to add a contact.

STEP 3:   Enter the required information and preferences.

Enter an **Email Address** and contact **Name**

Select **Strategy Initiated Notifications**
(Only receive RTP Courtesy Alerts for conditions that meet your strategy criteria)

NOTE: The **Comm Notifications** option is only available to customers using SCE's Automated Demand Response (Auto-DR). This feature allows the contact to be notified if their Energy Management System (EMS) has been offline for a specified amount of time.
Non-Auto-DR customers should leave the "Comm Notifications" box unchecked.

STEP 4:   Click the **Create Contact** button.

You have successfully added the contact.

Deleting A Contact

STEP 1:   Use STEP 1 from **Adding a Contact** (above) to navigate to the **Contacts** tab on the DRAS Customer Interface and view your current list of contacts.

STEP 2:   Check the **box** next to the Contact you would like to delete.

STEP 3:   Click the **Delete Contacts** button.

NOTE: you will **not** get a warning – once you click the Delete Contacts button, the contact will be deleted permanently.

You have successfully deleted the contact.

Section III.

Managing Shed Strategies

Updating Price per kWh Thresholds &
Deleting Shed Strategies

Updating Price per kWh Thresholds

Log In to the DRAS to access the DRAS Customer Interface.

STEP 1:   Click the **Clients Programs** tab under your Clients view.

STEP 2:   Click on the **Shed Strategies** button next to the program you wish to modify.

Your current Shed Strategies will appear.

NOTE: Shed Strategies are plans of action for curtailing energy consumption.

SCE's DRAS features the ability to set RTP Courtesy Alerts to correspond with your Shed Strategies based on season, weekends, and how aggressively you plan to curtail load.

For example, by entering a value for your **Moderate Price** threshold you can set your RTP Courtesy Alerts to indicate which hours meet your price criteria for a moderate curtailment plan. Entering a value for your **High Price** threshold sets RTP Courtesy Alerts to indicate which hours meet your price criteria for an aggressive curtailment plan.
Threshold settings will appear in the RTP Courtesy Alerts.

(See Appendix A. for example.)

STEP 3: Select the Shed Strategy you wish to modify by clicking on the **Strategy Name**.
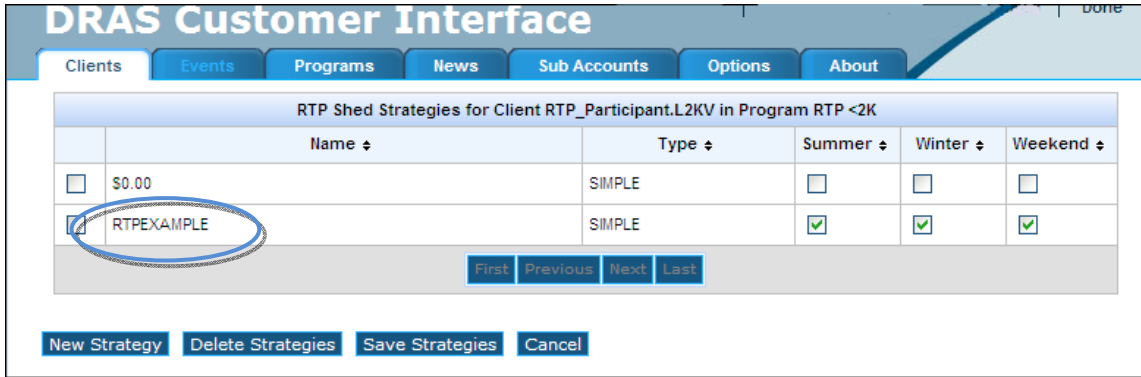
Your current price threshold(s) will appear.

STEP 4: Enter the price per kWh which will trigger your RTP Courtesy Alerts in the **Moderate Price** threshold column.

Keep Type as **Simple**.

In this example, RTP Courtesy Alerts are set to trigger if an hourly price of $0.75 or greater is met any hour of the day. According to this Shed Strategy, $0.75/kWh is the price criteria to begin moderate curtailment actions.
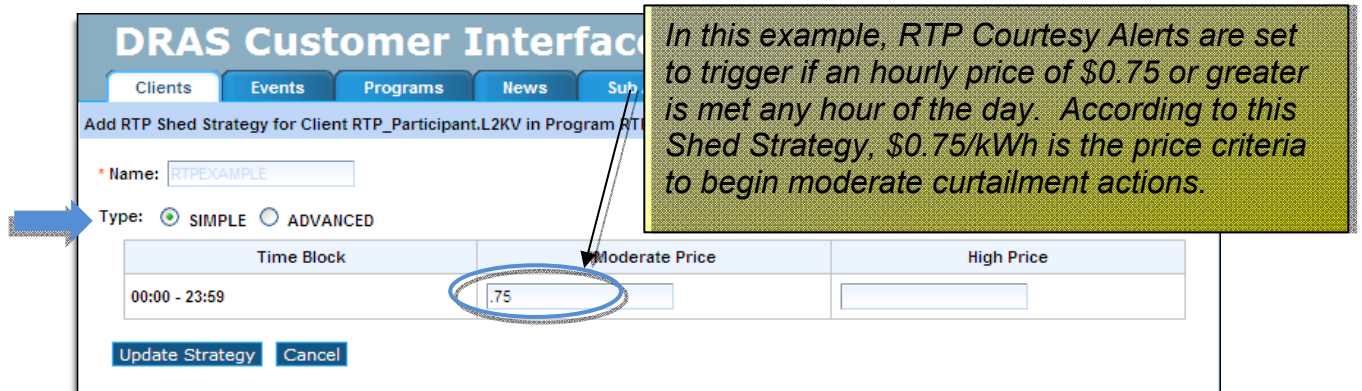
(**Optional**: Enter a price per kWh in the **High Price** threshold column to indicate hours in which you choose to implement a more aggressive curtailment plan.)

According to this Shed Strategy, when an hourly price of $1.50 or greater is met any hour of the day, this meets the criteria to begin aggressive curtailment actions.
(See Appendix A. for Example)
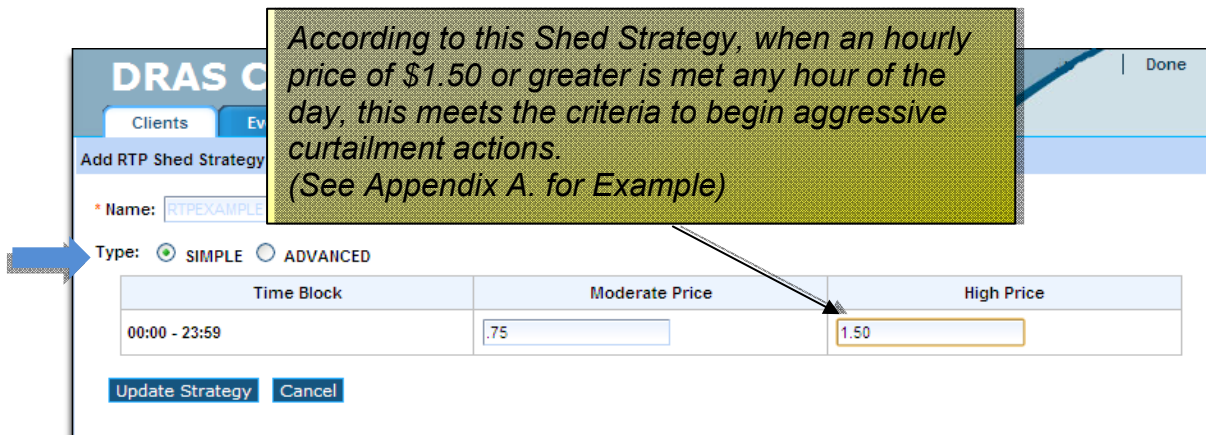
NOTE: Price per kWh values must be within the minimum and maximum price range for your RTP rate type:

RTP rate type:	Minimum Price/kWh	Maximum Price/kWh
RTP-2 below 2kV	$.027484	$3.74992
RTP-2 (2kV – 50kV)	$.02609	$3.67292
RTP-2 Above 50kV	$.01857	$3.11317
PA-RTP	$.01423	$2.7635

Entering a value of 0.00 will allow you to receive daily courtesy alerts.

For the most up to date price range information, consult the RTP tariff at www.sce.com/tariffbooks

STEP 7:   Click on the **Update Strategy** button to return to the strategies list.
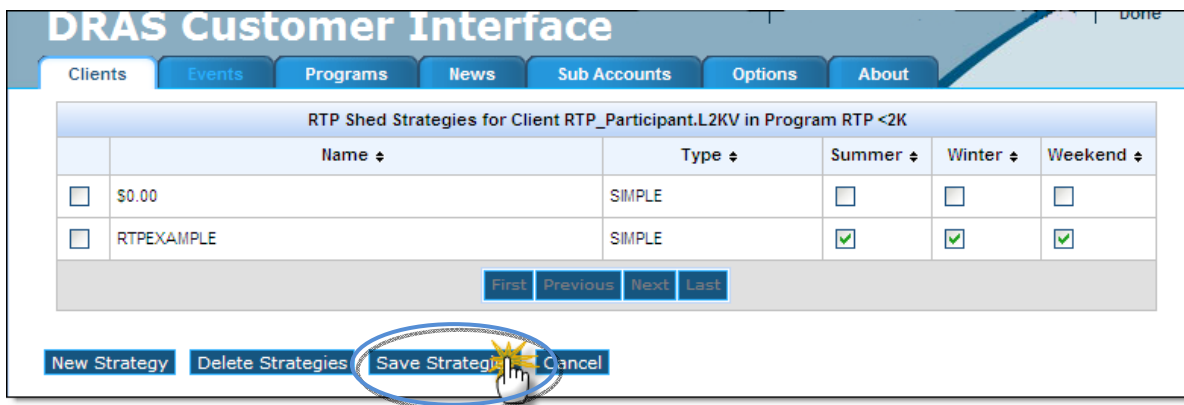
STEP 8:   Click on the **Save Strategies** button.

(Note: your changes will not be saved unless you complete this step.)

You have successfully updated your Price per kWh Threshold.

Deleting RTP Shed Strategies

Log In to the DRAS to access the DRAS Customer Interface.

STEP 1:   Click the **Clients Programs** tab under your Clients view.
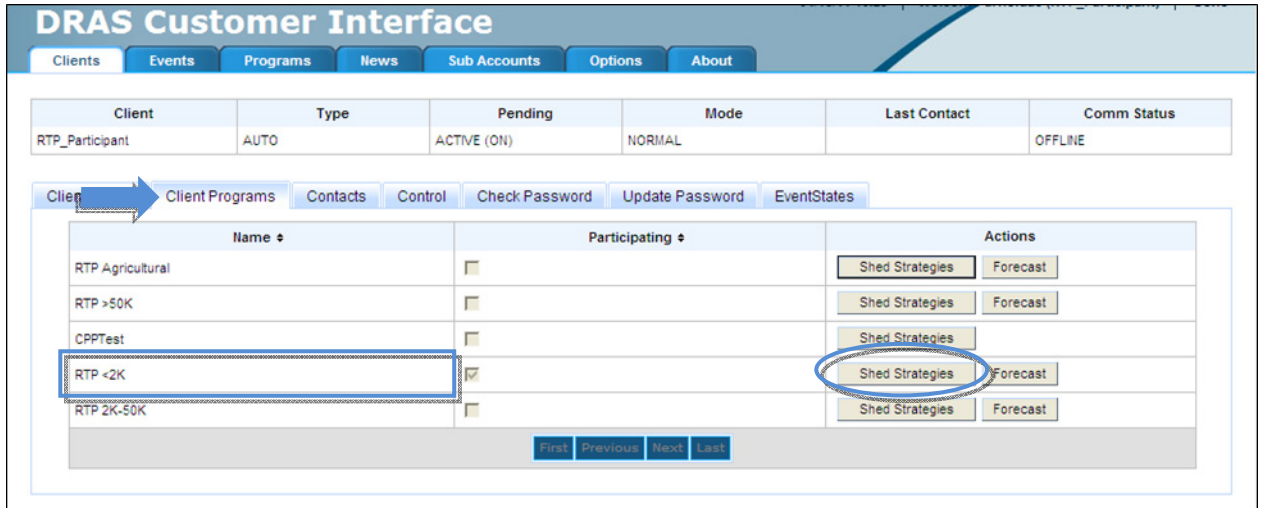
STEP 2:   Click on the **Shed Strategies** button next to the program you wish
to delete a strategy for.

Your current Shed Strategies will appear.
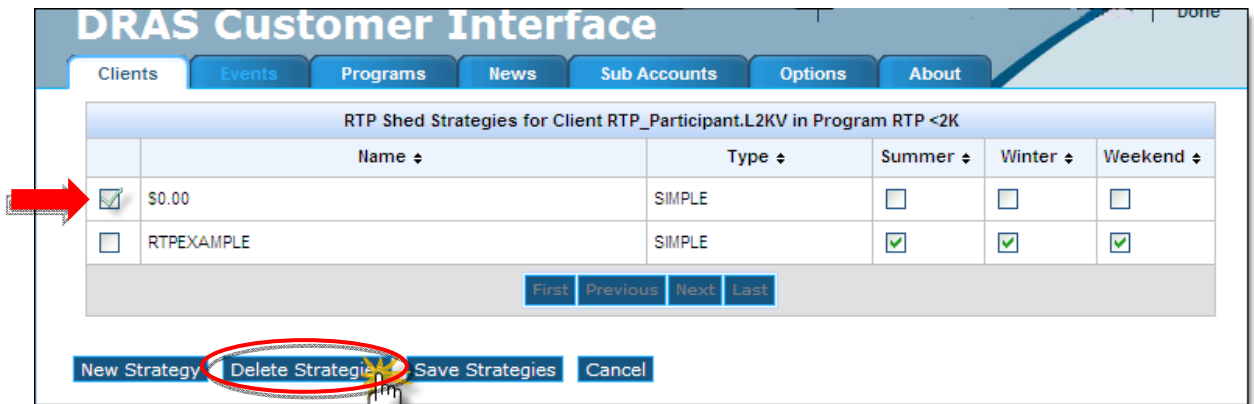
STEP 3:   Check the **box** next to the strategy you would like to delete.
You may delete multiple strategies at once.

Click on the **Delete Strategies** button.

(Note: deleted strategies cannot be recovered.)

You have successfully deleted your selected RTP Shed Strategy.

APPENDIX A.:   Sample RTP Courtesy Alert by email

(based on example shown on Page 10)

Below are estimated hourly prices per kWh for August 16, 2010 based on the highest recorded temperature for Downtown Los Angeles as measured by the National Weather Service reporting station as of August 15, 2010 5:02 P.M. (PDT)   Actual billing prices may vary based on updated temperature information.**

Estimated RTP Pricing information for August 16, 2010

Hour	Price/kWh	Mode***
00:00	0.06955	normal
01:00	0.05196	normal
02:00	0.04487	normal
03:00	0.03990	normal
04:00	0.03836	normal
05:00	0.04255	normal
06:00	0.05499	normal
07:00	0.04934	normal
08:00	0.06067	normal
09:00	0.07866	normal
10:00	0.14628	normal
11:00	0.32053	normal
12:00	0.67595	normal
13:00	1.09312	moderate
15:00	2.71311	high
16:00	3.74992	high
17:00	3.74171	high
18:00	2.81424	high
19:00	1.77045	high
20:00	1.25056	moderate
21:00	1.38676	moderate
22:00	0.28302	normal
23:00	0.09659	normal

MODE corresponds to the level of shed strategy under which you set your price thresholds

Hourly price/kWh is below the Moderate Price threshold of $0.75. These hours meet your criteria for normal operations (no curtailment actions).

Hourly price/kWh meets/exceeds the Moderate Price threshold of $0.75. These hours meet your criteria for moderate curtailment actions.

Hourly price/kWh meets/ exceeds the High Price threshold of $1.50. These hours meet your criteria for high level (aggressive) curtailment actions.

To view National Weather Service data, visit: www.wrh.noaa.gov/lox/. To view the Real Time Pricing tariff, visit: www.sce.com/tariffbooks.

This RTP Courtesy Alert by email has been provided as a courtesy based on the price thresholds you set through your Demand Response Automat[...]urself from RTP Courtesy Alerts, log in to your DRAS account, or cons[...]

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**SCE is not responsible for any loss or damages to you or your business for inaccurate or changed information.

*** Mode corresponds to the level of load shed strategy under which you have set your price threshold on your Demand Response Automation Server (DRAS) account and has no impact on your estimated or actual hourly price/kWh

For additional information on how to create advanced Shed Strategies or utilize other DRAS features, please contact the Automated Demand Response Helpline at 866-238-3605 or email us at autodr@sce.com

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