

Detroit Edison



A DTE Energy Company

Metering Collaborative Implementation

December 2006

Background

- Settlement Agreement Filed in January 2006
- Agreement Approved by MPSC on August 31, 2006
- Retail Access Service Rider (RASR) Filed on November 27, 2006
- Changes Scheduled to Take Effect December 18, 2006

High Level Overview of Agreement

- Primary customers require interval meters and working phone lines prior to going to choice service
- Standard metering for secondary Electric Choice customers is the same as full service customers
 - Three phase customers are no longer required to have an interval meter
- Standard Load Profiles (SLP) will be used for non-interval metered customers to determine their hourly usage for settlement purposes
- Interval metering is an option for Secondary customers
 - There will be a monthly charge for Optional Interval Meter Service (OIMS) and a minimum term (12 months)
 - A telephone line must be communicating prior to the meter going to Electric Choice service

Primary Customers - PRIMS

- Interval meters are required for all primary service customers
- Electric Choice customers with interval meters must have a working telephone line to the meter
- Notifying Detroit Edison of the status of the telephone line:
 - If the phone line is ready (and working) at time of enrollment, the phone line configuration information (meter calls, meter answers, phone number and any prefix for the meter to dial an outside line) should be specified in the enrollment
 - If the phone line configuration information is not provided at time of enrollment, the customer or supplier will need to notify Detroit Edison when the phone line is ready
- Once notified, Detroit Edison will:
 - Connect the telephone line to the meter
 - Verify successful communication with Detroit Edison's data collection systems
 - Schedule a switch date for the customer's transition to Electric Choice service

New Secondary Metering Terminology

- Standard Load Profiles (SLP)
 - Standard Load Profiles will be used for non-interval metered customers to determine their hourly usage for settlement purposes
- Optional Interval Metering Service (OIMS)
 - Identifies the service offered to secondary Electric Choice customers who request an interval meter when one is not required

One of these options MUST be specified at the time of enrollment

Search Order Screen

Detroit Edison Intranet - Electric Choice Customer Center - Search Orders - Microsoft Internet Explorer provided by DTE Energy

Address: http://sun130.detroit.deco.com:40695/eccc/searchOrdersResults.jsp

Detroit Edison
Electric Choice Customer Center

ECCC Home
Search Orders
Search Results
Search Services
Search Customer
History
Non - Compliance
Queue
Message Center
Account Invoice
CSB Bill Determinants
Billing History Req
Notifications
Metering
Retailer Payments
Business Billing
Queue
SAM Queue
Account
Establishment Queue
In Service Work
Queue
Invoice/XML
Messages
EstimateRead Report
Batch Process Status
Check Site Status
Requeue Messages
Effective Date Change
Inservice Site Change
Remove Inservice
Meter
RAS WorkOrder
Status Reporting
Customer Care Of
Address

Below are the results of your enrollment orders search. See linking [instructions](#) below.

Your search returned **7 Enrollment** item(s).

Account Name	Account Number	AES Name	Enrollment Order ID	Meter Number	Meter Profile	Location	Date Submitted	Enrollment Status	Switch Date	Method Submitted	Reason Codes
Joe's Market	11545	MichCo	127059	4543994	OIMS	123 Main Street	11/27/2006	NHLD		WEB	
Jane's Retail	6737	City Inc	127047	8988334	PRIMS	123 Main Street	11/26/2006	NHLD		WEB	
Bill's Grocery	3246	PA Corp	127048	8987438	PRIMS	123 Main Street	11/26/2006	NHLD		WEB	
DH Carwash	23142	PA Corp	127062	8354356	OIMS	123 Main Street	11/27/2006	NHLD		WEB	
Food Mart	2231	Energy+	127043	8986855	PRIMS	123 Main Street	11/26/2006	NHLD		WEB	
Jill's Nails	8039	Energy+	127044	8987212	SLP	123 Main Street	11/26/2006	NHLD		WEB	
Boats Etc	3350	PA Corp	127041	9537506	OIMS	123 Main Street	11/26/2006	NHLD		WEB	

Status codes:
 VALD - Valid
 NHLD - No Hold
 HOLD - Hold
 CON - Confirmed
 SITE - Site Ready
 SCHD - Scheduled
 CMPL - Complete
 PEND - Pending
 ERR - ERR

Reason codes:
 CR - Cancelled by AES (Retailer)
 CC - Cancelled per customer by Detroit Edison
 CE - Cancelled by Detroit Edison

Local intranet

Existing Customers - Changes on December 18, 2006

- For Non-interval metered secondary customers (single phase) – No change
- For Primary Customers – No change
- For Interval metered secondary customers:
 - Secondary Electric Choice customers who have interval meters and working phone lines will be placed on OIMS and the interval data will continue to be used for settlement
 - Charges for OIMS will be waived for these customers for 24 months
 - Secondary Electric Choice customers who have interval meters, but have not had working phone lines for three (3) or more months, will be placed on standard load profiles

Optional Interval Metering Service (OIMS)

- OIMS can be requested at any time
 - OIMS can be requested at the time of enrollment
 - For web enrollments, a metering option field has been added.
 - Updated XML schemas with this feature are on the supplier web site
 - If the customer is in service as an Electric Choice customer with standard metering, OIMS can be requested using a “Modify” enrollment order
 - If OIMS is requested for an enrolled Electric Choice customer before they go in service, then the Supplier must cancel the initial enrollment and submit a new one including the OIMS information

Metering Profile Option Confirmation Screen

The screenshot shows a Microsoft Internet Explorer browser window displaying the 'Electric Choice Supplier Site - Metering Profile Option - Enroll' page. The page title is 'Create Enrollment'. A red arrow points to the 'Metering Profile Option Confirmation' dialog box. The dialog box contains the following text: 'The meter you are enrolling is Primary and is required to have Interval Metering Service. If you continue, metering profile option will be changed to **Primary Interval Metering Service**. Click **Continue**, otherwise click **Cancel** to re-enroll'. Below the text is a table with the following data:

Meter number	SINK	Product Offer	Meter configuration	Phone Number	Phone info.	Phone line ready	Capacity (MW)
8986855	DTEA		Meter Calls		Prefix=	No	0.253

Below the table is a text box labeled 'Total Capacity (MW)' with the value '0.253'. At the bottom of the dialog box are two buttons: 'Continue' and 'Cancel'. The page footer includes 'Detroit Edison Main Page', 'Search', and 'Site Map'. The browser status bar shows 'Done' and 'Local intranet'.

Enrollment XML

```
<DateTime>2006-11-16T13:03:07-07:00</DateTime>
<TimeZone>ET</TimeZone>
</Date>
<ConsumerServiceProvider>Detroit Edison</ConsumerServiceProvider>
<SupplierDUNS>176343341</SupplierDUNS>
</Header>
- <Transaction>
  <TransactionId>220010001000201</TransactionId>
  <ServiceRequested>Electric</ServiceRequested>
  - <SupplierDetails>
    <AESDUNS>176343341</AESDUNS>
    <AESName>ELECTRICAMERICA</AESName>
    <MarketerDUNS>179989231</MarketerDUNS>
    <MarketerName>DTE ENERGY TRADING</MarketerName>
  </SupplierDetails>
  - <Customer>
    <AccountNumber>23474</AccountNumber>
    <CustomerName>ECMC TEST</CustomerName>
    <BillingOption>Separate</BillingOption>
    <MeterProfile>Standard_Load_Profile</MeterProfile>
  </Customer>
  - <Meter>
    <MeterNumber>8988300</MeterNumber>
    <Sink>DTEA</Sink>
    <MeterConfiguration>Calls</MeterConfiguration>
  </Meter>
</Transaction>
- <Transaction>
  <TransactionId>220010001000202</TransactionId>
  <ServiceRequested>Electric</ServiceRequested>
  - <SupplierDetails>
    <AESDUNS>176343341</AESDUNS>
    <AESName>ELECTRICAMERICA</AESName>
    <MarketerDUNS>179989231</MarketerDUNS>
    <MarketerName>DTE ENERGY TRADING</MarketerName>
```

Optional Interval Metering Service (OIMS)

- The OIMS request must include the desired meter configuration (call or answer) as well as the phone line information (telephone number and if applicable, any prefix required for the meter to dial an outside line)
 - Complete telephone information should be provided as soon as possible to avoid delaying the in-service date
 - If an interval meter is installed before the phone line is ready, the meter will remain in Site Ready status until the phone line communication is verified.
- The customer will be put in interval-metered choice service after all meter work is completed and successful communication with Detroit Edison's systems has been verified

Optional Interval Metering Service (OIMS)

- The minimum term for this service is 12 months
 - Customers are responsible for 12 months of OIMS charges even if they don't complete 12 months on OIMS service
- Monthly charge for this service is
 - \$25.00 for General Service rate 110 (D3)
 - \$20.75 for Large General Service rate 112 (D4)

CSB Customer Bill

Detail Charges			
Detroit Edison Delivery Charges Choice Business Electric Service - Demand Pricing IV			
<input type="checkbox"/> For Information On Detroit Edison Delivery Charges Contact 1.800.477.4747 or my.dteenergy.com			
Current Charges		Current Billing Information	
Delivery Charges:		Service Period	Oct 6, 2006 – Nov 3, 2006
Service Charge		Days Billed	28
Distribution Demand Charge	65 KW @ 7.45	Meter Number	5657372 04
Nuclear Decommissioning	13360 KWH @ 0.001234	Meter Reading	3752 Actual – 3919 Actual
Securitization Bond Charge	13360 KWH @ 0.00393	Difference	167
Securitization Bond Tax Charge	13360 KWH @ 0.00121	Multiplier	80
14838 Rate Reduction Credit	13360 KWH -0.001518	KWH Used	13360
Choice Implementation Surchg	13360 KWH @ 0.0005	Max KW Demand	47
Commercial Michigan Sales Tax		34.17	Your next scheduled meter read date is on or around DEC 05, 2006
Total Detroit Edison Delivery Charges		603.64	
		Current Month	Last Month
		477.1	498.7
		Change	-4%
		Year Ago	494.3
			-3%
Other Charges and Credits			
Optional Interval Meter Charge		20.75	
Grandfather Credit		-20.75	
Total Other Charges and Credits		0.00	

KCS Customer Bill

Charges for 10/13/2006 through 11/12/2006

Delivery Charges:

Service Charge:						8.78
Distribution:						
Distribution Energy	14,184	KWH	@ \$	0.291400	Per Total KWH	413.32

Surcharges:

Nuclear Decommissioning	14,184	KWH	@ \$	0.01234	Per Total KWH	17.90
U-14838 Rate Reduction Credit	14,184	KWH	@ \$	-0.017410	Per Total KWH	-24.69
Securitization Bond Charge	14,184	KWH	@ \$	0.039300	Per Total KWH	55.74
Securitization Bond Tax Charge	14,184	KWH	@ \$	0.012100	Per Total KWH	17.16
Choice Implementation Surcharge	14,184	KWH	@ \$	0.005000	Per Total KWH	7.09
Sub Total:						494.90

Invoice Subtotal

Michigan State Sales Tax (On Taxable Portion) 20.69

Invoice Total

\$524.59

Miscellaneous Charges

<u>Invoice</u>	<u>Item</u>	<u>Description</u>	<u>Amount</u>
1111111		D3 Optional Internal Metering Charge	\$25.00
		D3 Optional Metering Grandfather Credit	-\$25.00
		Total Miscellaneous Charges	\$ 0.00

Grandfathering

- Customers who had interval meters installed for Electric Choice service prior to December 18, 2006 will be exempted from monthly OIMS charges for 24 months beginning with the first bill rendered on or after that date
 - This applies both to current interval metered Electric Choice customers and full service customers that meet the criteria and still have interval meters in place
 - If the reenrolled customer no longer has an interval meter, Detroit Edison will identify the cause of the removal upon request
- The meter charge will appear on the bill along with an offsetting credit
- Grandfathered customers who elect to retain their OIMS after the 24th month will be charged the normal OIMS monthly charges starting with the 25th month
- All Electric Choice customers have been informed of the new metering requirement in a letter sent out on December 8.

Switching Between OIMS and Standard Metering

- In-service Electric Choice customers can switch between standard metering and OIMS at any time
 - Use a “Modify” enrollment order
- Customers who are changing suppliers can switch meter service at the same time
 - OIMS to standard metering - meter service changes on scheduled switch date along with supplier switch
 - Standard metering to OIMS – meter service changes when phone line communication is verified, but supplier switch will occur on the scheduled switch date
- Full service customers who are going to Electric Choice can request OIMS service at the same time
 - They will go in service after the completion of all needed meter and telephone work

Reminder – OIMS service has a 12-month minimum term

Standard Secondary Metering

- Effective December 18, 2006, standard secondary metering for Electric Choice is:
 - Non-interval energy meters for D3 customers
 - Non-Interval energy/demand meters for D4 customers
- These meters will be read manually once per month
- Hourly MISO settlement will be accomplished by using standard load profiles to distribute the monthly usage over the hours of the month
 - Customers have been assigned to one of twelve standard load profiles based on customer type and usage characteristics
- Effective December 18, 2006, any secondary customer who has an interval meter, but has not had a working phone line for the past three (3) months will be moved to standard metering service on their next cycle read date

Standard Load Profiles

Secondary Customer Profile Group Assignment

<i>Customer Class</i>	<i>Profiles</i>	<i>Profile No.</i>	<i>Description</i>
<i>Residential (D1)</i>	<i>One</i>	1	<i>All Residential Customers (Current Residential Profile)</i>
<i>Secondary – Energy Metered (D3) - Single-Phase</i>	<i>One</i>	2	<i>Single-phase non-Residential Customers on energy-metered rates (D3) (Current Single-Phase Profile)</i>
<i>Secondary – Energy Metered (D3) - Three-Phase</i>	<i>Two - Manufacturing</i>	3	<i>0 – 256,255 kWh/Year</i>
		4	<i>Over 256,255 kWh/Year</i>
	<i>Four - Non-Manufacturing (Note: Missing/ invalid SIC Code data will be grouped as Non-Mfg)</i>	5	<i>0-46,523 kWh/Year</i>
		6	<i>46,524 – 114,615 kWh/Year</i>
		7	<i>114,616 – 277,400 kWh/Year</i>
		8	<i>Over 277,400 kWh/Year</i>
<i>Secondary – Energy/ Demand Metered (D4) - Three Phase</i>	<i>Four by Annual Load Factor</i>	9	<i>40 – 49% Annual Load Factor</i>
		10	<i>50 – 59% Annual Load Factor</i>
		11	<i>60 – 69% Annual Load Factor</i>
		12	<i>70% or Greater Annual Load Factor</i>

Standard Load Profiles

- Customer usage history now includes the Standard Load Profile (SLP) assigned to the customer
 - SLP 0 is used if the customer profile is unknown
 - If the customer is Primary, the SLP type will say “Primary”
- A customer’s SLP assignment will be updated annually
- The customer SLP will also be reviewed/updated
 - At the time of enrollment
 - At the time of a service increase
 - When Detroit Edison is notified of a relevant change in customer, electric service or usage characteristics

Standard Load Profiles

- Twelve-month (8,760 hours) of historical data for the 12 profiles are now available on the Supplier web site in the Customer Based Data section
- Daily posting of average hourly use for each SLP to the Supplier web site will begin on December 19, 2006
 - Preliminary hourly data will be posted by the end of the next business day
 - The hourly data may be revised for up to ten (10) business days (with date of the changes identified)
 - The hourly data will remain on the Supplier web site for 18 months

Standard Load Profiles - Sample

Date	Hour	LastModifiedDate	Single Phase Commercial (MW)
03/31/2005	24	05/10/2005	258.5
04/01/2005	01	05/10/2005	228.1
04/01/2005	02	05/10/2005	187.4
04/01/2005	03	05/10/2005	198.1
04/01/2005	04	05/10/2005	197.3
04/01/2005	05	05/10/2005	195.3
04/01/2005	06	05/10/2005	186.6
04/01/2005	07	05/10/2005	178.6
04/01/2005	08	05/10/2005	187.4
04/01/2005	09	05/10/2005	241.5
04/01/2005	10	05/10/2005	280.7
04/01/2005	11	05/10/2005	293.3
04/01/2005	12	05/10/2005	309.8
04/01/2005	13	05/10/2005	297.7
04/01/2005	14	05/10/2005	294.3
04/01/2005	15	05/10/2005	304.7
04/01/2005	16	05/10/2005	303.3
04/01/2005	17	05/10/2005	284.8
04/01/2005	18	05/10/2005	253.7
04/01/2005	19	05/10/2005	239.3
04/01/2005	20	05/10/2005	255.4
04/01/2005	21	05/10/2005	285.2
04/01/2005	22	05/10/2005	273.5
04/01/2005	23	05/10/2005	267.3
04/01/2005	24	05/10/2005	269.2
04/02/2005	01	05/10/2005	204.8
04/02/2005	02	05/10/2005	199.5
04/02/2005	03	05/10/2005	193.6
04/02/2005	04	05/10/2005	195.7
04/02/2005	05	05/10/2005	191.9

This is a sample of the current load profiles that are on our web site. The new standard load profile values will be in kilowatthours, but will otherwise look the same.

Telephone Line Failures

- If Detroit Edison is unable to remotely read an interval meter due to a telephone line failure, the meter will be manually read for up to three (3) months
- The manual read charge will be \$37.00 per month after the first manual read
- After three (3) consecutive months, Detroit Edison may terminate interval-metered Electric Choice service (on the next bill cycle read date)
 - Primary customers will be switched to Full Service
 - Secondary customers will be moved to standard metering
 - Standard load profile data will be used for settlement
 - The customer remains responsible for 12-month minimum term

Optional Digital Cell Phone Service

- Where a telephone line is required and installation of a land-line is impractical, the customer may request digital cell phone service
- Detroit Edison will own, furnish, install and maintain the digital cellular device for an additional monthly charge of \$45.00
- The customer is responsible for activating the cellular service and paying the monthly cellular usage charges
- The minimum term for this service is 12 months
 - If a customer who chooses Digital Cell Phone service returns to Detroit Edison full service, or moves from OIMS to standard metering, in less than a year, they will be required to pay the service charge for the balance of the 12-month term

Hardship Exception

- Where a telephone line is required and installation of any phone line (land-line or digital cellular) is impractical, the customer may request a hardship exception
- The burden of proving hardship rests with the customer
 - Detroit Edison will grant a hardship exception on a case-by-case basis
 - The customer can appeal Detroit Edison's decision if unfavorable to the Michigan Public Service Commission
- The monthly meter read charge will be \$37.00 per meter (one read per month)