

# TurningPoint AR Billing Add-on

## Introduction

Includes two programs. Cyclic (subscription) Billing and Utility Billing (meter reading). The transactions come into TurningPoint as un-recorded invoices so that they may be individually edited or deleted as necessary before being recorded.

## Available from your Red Wing Dealer

**Distributed by Total BusinessWare, Inc.**

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TurningPoint AR Billing Add-on.....	1
Introduction.....	1
Cyclic Billing: .....	2
Utility Billing: .....	3
Installation .....	5
Moving Billing Ad-on to a new computer.....	6
Missed Readings .....	6
Support Information: .....	6



## Utility Billing:

1. Click New Batch button and enter batch description and invoice date
2. Click Item setup button and enter up to two items that exist in TurningPoint inventory. Also enter Rate, Minimum extended price (optional) and Sales Tax Percentage if any. See illustration and additional details below.
3. Click New Invoice and enter information for customer and meter readings. Repeat for each customer. The program automatically handles meter roll over and stores last reading. Customer numbers are validated against TurningPoint customer list during entry.
4. [Save Batch].
5. [Post Batch] will create un-recorded AR Invoices into TurningPoint.  
TurningPoint must be running and user must be logged into appropriate TP Company.

Utility Billing

Batch Id: 0000000019      Batch Date: 03/30/2007      Posted: No

Batch Description: Test

Invoice Date: 03/30/2007

Item # / Desc.		Rate	Sales Tax (%)
util1 / Water		\$0.0008	6.5000
util2 / Sewer		\$0.0000	6.5000

Batch Total / Count: \$57.49 / 2

Cust. No.	Invoice No.	Current Reading	Previous Reading	Quantity	Invoice Amt.
cust1	000003-1	10000	00001	9999.00	10.65
cust2	000006-1	29999	00006	29993.00	25.55

Customer No.: cust1      Invoice No.: 0000000004      Current Reading: 10000      Previous Reading: 00001      Quantity: 9999      Invoice Amt.: \$10.65

Customer Name: Customer 1

Buttons: New Batch, Edit Batch, Save Batch, Delete Batch, Post Batch, Close

You can scroll to the right to see the second item / invoice:

Cust. No.	Previous Reading	Quantity	Invoice Amt.	2nd Invoice No.	2nd Invoice Amt.
cust1	00001	9999.00	10.65	000003-2	5.3300
cust2	00006	29993.00	25.55	000006-2	15.9600

The Setup button opens the Utility Billing Setup dialog:

**Utility Billing Setup**

Line Item #1

Item No. / Desc.		Rate
util1	Water	\$0.0008

Minimum Ext. \$10.00

Sales Tax Rate (%) 6.5000

Extended Price Expression

Line Item #2

Separate Invoice Yes

Item No. / Desc.		Rate
util2	Sewer	\$0.0000

Minimum Ext. \$5.00

Sales Tax Rate (%) 6.5000

AR Account 1310-00-00 Credit Card Receivable

Extended Price Expression

m.yLine1Ext - \$9.00

OK Cancel

The item(s) must be setup in TurningPoint, either in Inventory Control module or in SM Basic Inventory if IC module is not installed.

*Basic Inventory is added in >SM >Setup >Company >Company Information. Edit the company desired and activate Basic Inventory on the Setup tab.*

The separate invoice yes / no control determines whether the second line item appears on a separate invoice.

Invoice numbering is six digits. If separate invoices are selected, the first invoice has a “-1” suffix added; the second invoice has a “-2” suffix added.

Viz. 000012-1 & 000012-2.

The minimum extension determines the minimum that can be billed for the respective line item.

Sales tax can be different for each line item. If the sales tax rate is the same for both items and both items appear on the same invoice, the price extensions are combined and the sales tax computed from that value.

The AR account determines if the second invoice will be remapped to a different TP AR account. The remapping will occur after each invoice sent to TP via TPCOM by direct writes to TP's ARTRN.

The extended price calculations are placed in a special file (UtilBillExpr.txt) supplied by Total BusinessWare, Inc. The user will need to copy the supplied file into the directory the application was installed into.

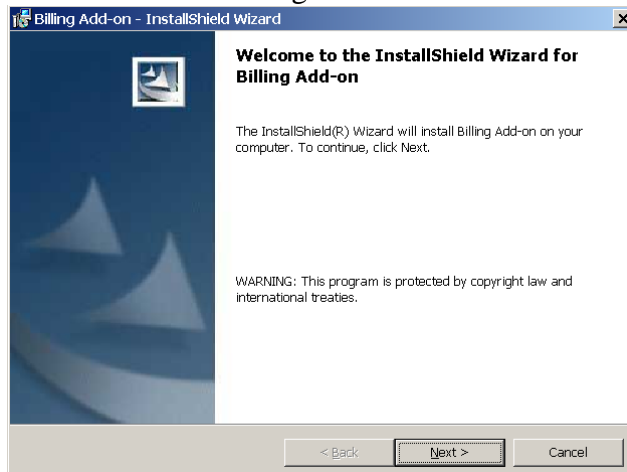
These calculations can be used with values like "Minimum Extended" for example; some cities charge 10.00 minimum and that includes the first 50,000 gallons. –the formula would adjust the program for the included gallons.

## Installation

In TurningPoint you must have an appropriately configured Sales tax and Sales tax Group. Also an appropriate record must be selected as the DEFAULT Sales tax Group in TP.

If installing on machine with Acme Point of Sale, install Acme last.

1. Close down TurningPoint if it is running.
2. Rename BillingAddonInstall.safe to BillingAddonInstall.exe.  
To do this RIGHT click the file and click on Rename.
3. Double click on BillingAddon.exe



4. Click [Next] , [NEXT], [Install], [Finish]
5. Copy the UtilBillExpr.txt file into your Billing Addon folder, by default this would be one of the following, depending on application version...

C:\billaddon\

Or

C:\program files\billig addon\

6. Set up enough data to create a test batch of 5-10 transactions and post them into TurningPoint to test your setup.

## Moving Billing Ad-on to a new computer

If you are moving “Billing Add-on” to a new computer simply follow the installation instructions shown above, then copy your program folders (c:\billaddon by default) from the old computer to the new computer, overwriting the folders created during the installation.

## Missed Readings

*The snow is too deep, cannot read the meters. Can they generate a batch for minimum without any gallons?*

If user were to enter same value for current and previous meter readings the minimum amount still functions. But if a minimum extended amount is used it likely assumes “up to” a certain number of gallons, creating a problem.

Previous Reading 20, new reading 20, minimum to bill is \$5.00.

User will get billed \$5.00, but the next time the meters are actually read the full difference between 20 and the new reading will be billed.

New reading 55, previous reading 20, bill for 35. Part of the 35 have been paid for by the minimum amount on the previous bill.

This is an example of the contents of a UtilBillExpr.txt.

```
CALCEXP1:lvarbatch.minext + ROUND(MAX(0, lvareentry.orderqty - 5000) *  
lvarbatch.unitprice, 2)
```

```
CALCEXP2:lvarbatch.minext2 + ROUND(MAX(0, lvareentry.orderqty - 5000) *  
lvarbatch.unitprice2, 2)
```

The formula above is used because the minimum extended price (entered into the UI during item setup) includes the first 50,000 gallons of water and 50,000 gallons of sewer. When entry of meter readings resumes, user would need to edit the formula to reflect the missed months.

The formula to compensate would be:

lvareentry.orderqty adjustment number \* number of “skipped” months.

If you only miss one month change 5000 to 10,000 before keying in actual meter readings and billing the second month.

If you missed three consecutive months change the 5000 to 20,000 before keying in actual meter readings and billing the fourth month.

## Support Information:

Total BusinessWare, Inc.  
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