

UNITIL ENERGY SYSTEMS, INC.

DEFAULT SERVICE AND
RENEWABLE ENERGY CREDITS

LEAD/LAG STUDY

FOR G1 AND NON-G1 CUSTOMERS

2019

Unitil Energy Systems, Inc.
Default Service Costs and Renewable Energy Credits Lead / Lag Study
For the Period January 1, 2019 Through December 31, 2019
Summary of Results

The results of the Unitil Energy Systems, Inc. Default Service ("DS") and Renewable Energy Credits ("RECs") Lead / Lag Study ("Study") indicate a net lead period for DS and REC costs of 14.83 days for G1 Customers and a net lag period of 14.82 days for Non-G1 Customers. The procedures used to develop the Study are as follows:

I. Determination of Revenue Lag Period

The revenue lag period includes four calculations in determining the total lag – receipt of electric service to meter reading, meter reading to recording of accounts receivable, billing to collection, and collection to receipt of available funds.

A. Receipt of Electric Service to Meter Reading

There are 365 days in the test year January through December 2019, including one 28 day month, four 30 day months, and seven 31 day months. The weighted average day delay is 15.21 days between the time a customer receives service until the meter is read. See page 5 of this Study.

B. Meter Reading to Recording of Accounts Receivable

The average delay time from meter reading to recording of accounts receivable is 1.05 days. See pages 6 - 10 of this Study.

C. Billing to Collection

Billing to Collection lag days are determined by dividing accounts receivable sales by daily electric revenues. The daily average revenues are obtained from the monthly electric sales revenues divided by the number of days in the month. This weighted average delay period from Billing to Collection is 21.37 days for G1 customers and 40.75 days for Non-G1 customers. See pages 11 and 12 of this Study.

D. Collection to Receipt of Available Funds

On average, 1.68 days are required for checks deposited at the Company's banks to be considered available funds for banking transaction purposes. See pages 13 - 19 of this Study.

The sum of all revenue lag periods is 39.31 days for G1 customers and 58.69 days for Non-G1 customers. See page 4 of this Study.

Unitil Energy Systems, Inc.
Default Service Costs and Renewable Energy Credits Lead / Lag Study
For the Period January 1, 2019 Through December 31, 2019
Summary of Results

II. Determination of the Expense Lead Period

The expense lead period consists of the lead in payment of DS supplier costs and RECs, and is calculated for the G1 and Non-G1 customer classes based upon the following calculations: lead period, average days lead, weighted cost, days lead and weighted days lead.

A. Lead Period

The lead period is generally based on a monthly cycle and consists of (1) the average days in the period that DS purchases were provided or RECs were required; and (2) the billing period from the end of the period up to and including the payment date. See pages 20 through 23 of the Study.

B. Average Days Lead

The bills for each G-1 and Non-G-1 DS supplier are analyzed to determine the days lead. The REC days lead are also analyzed. Average days lead is calculated by multiplying the lead period by the weighted percentage of aggregate costs. The weighted days are then totaled to obtain the average days lead period for DS suppliers and for the RECs. See pages 20 and 22 of this Study.

C. Weighted Cost

The cost of purchasing default service and RECs is divided by the total combined costs to determine a weighted cost. See pages 20 and 22 of this Study.

D. Weighted Days Lead

The weighted cost is multiplied by the average days lead to calculate the weighted days lead, resulting in 54.14 days for G1 customers and 43.87 days for Non-G1 customers. See pages 20 and 22 of this Study.

III. Summary

The results of the Study indicate a net Purchased Power lead period of 14.83 days for G1 customers and net lag period of 14.82 days for Non-G1 customers. See page 4 of this Study.

Unitil Energy Systems, Inc.
Number of Days Delay Between Receipt of Revenue and
Payment of Default Service Costs and Renewable Energy Credits
Based on 2019 Data

Line No.	Description	G1 Customers		Non-G1 Customers	
		Page Reference	Number of Days Delay	Page Reference	Number of Days Delay
1	Revenue Lag:				
2	Receipt of Electric Service to Meter Reading	5	15.21 days	5	15.21 days
3	Meter Reading to Recording of Accounts Receivable	6 - 10	1.05 days	6 - 10	1.05 days
4	Billing to Collection	11	21.37 days	12	40.75 days
5	Collection to Receipt of Available Funds	13 - 19	<u>1.68 days</u>	13 - 19	<u>1.68 days</u>
6	Subtotal Revenue Lag Days		39.31 days		58.69 days
	Less: Lead in Payment of Default Service Costs and Renewable Energy Credits				
7	Renewable Energy Credits	20	<u>54.14 days</u>	22	<u>43.87 days</u>
	Total Default Service and Renewable Energy Credit Lag (Line 6 Less Line 7)				
8			<u><u>-14.83 days</u></u>		<u><u>14.82 days</u></u>

**Receipt of Electric Service to Meter Reading
Average Days Delay**

January 1, 2019 to December 31, 2019 Number of Days

January	31
February	28
March	31
April	30
May	31
June	30
July	31
August	31
September	30
October	31
November	30
December	31

1 28 Day Month	1*28	28
4 30 Day Months	4*30	120
7 31 Day Months	7*31	<u>217</u>
	Total	<u>365 days</u>

$$365 \text{ Days} / 12 \text{ Months} / 2 = \underline{\underline{15.21 \text{ days}}}$$

**Unitil Energy Systems, Inc
Meter Reading to Recording of
Accounts Receivable**

<u>Month</u>	<u>Average Days</u>
January 2019	1.02
February 2019	1.01
March 2019	1.01
April 2019	1.07
May 2019	1.13
June 2019	1.06
July 2019	1.01
August 2019	1.01
September 2019	1.02
October 2019	1.01
November 2019	1.17
December 2019	1.06
Average	<u><u>1.05</u></u>

Unitil Energy Systems, Inc.
Meter Reading to Recording of
Accounts Receivable
Monthly Detail

January 2019

Days Lag	Number of Meters	Percent of Meters	Days Lag Multiplier	Weighted Days Lag
1	74,924	99.45%	1	0.99
2	136	0.18%	2	0.00
3	121	0.16%	3	0.00
4	32	0.04%	4	0.00
5	21	0.03%	5	0.00
6	23	0.03%	6	0.00
7	48	0.06%	7	0.00
8-14	25	0.03%	11	0.00
Over 14	8	0.01%	14	0.00
Total	75,338	100.00%		1.02

February 2019

Days Lag	Number of Meters	Percent of Meters	Days Lag Multiplier	Weighted Days Lag
1	74,812	99.22%	1	0.99
2	350	0.46%	2	0.01
3	142	0.19%	3	0.01
4	52	0.07%	4	0.00
5	26	0.03%	5	0.00
6	7	0.01%	6	0.00
7	7	0.01%	7	0.00
8 to 14	7	0.01%	11	0.00
Over 14	-	0.00%	14	-
Total	75,403	100.00%		1.01

March 2019

Days Lag	Number of Meters	Percent of Meters	Days Lag Multiplier	Wtd Days Lag
1	75,025	99.51%	1	1.00
2	277	0.37%	2	0.01
3	56	0.07%	3	0.00
4	13	0.02%	4	0.00
5	3	0.00%	5	0.00
6	6	0.01%	6	0.00
7	2	0.00%	7	0.00
8 to 14	16	0.02%	11	0.00
Over 14	-	0.00%	14	-
Total	75,398	100.00%		1.01

Unitil Energy Systems, Inc.
Meter Reading to Recording of
Accounts Receivable
Monthly Detail

April 2019

Days Lag	Number of Meters	Percent of Meters	Days Lag Multiplier	Wtd Days Lag
1	70,860	93.57%	1	0.94
2	4,696	6.20%	2	0.12
3	121	0.16%	3	0.00
4	19	0.03%	4	0.00
5	9	0.01%	5	0.00
6	6	0.01%	6	0.00
7	2	0.00%	7	0.00
8 to 14	17	0.02%	11	0.00
Over 14	-	0.00%	14	-
Total	75,730	100.00%		1.07

May 2019

Days Lag	Number of Meters	Percent of Meters	Days Lag Multiplier	Wtd Days Lag
1	66,125	87.90%	1	0.88
2	8,843	11.76%	2	0.24
3	116	0.15%	3	0.00
4	124	0.16%	4	0.01
5	4	0.01%	5	0.00
6	1	0.00%	6	0.00
7	5	0.01%	7	0.00
8 to 14	8	0.01%	11	0.00
Over 14	-	0.00%	14	-
Total	75,226	100.00%		1.13

June 2019

Days Lag	Number of Meters	Percent of Meters	Days Lag Multiplier	Wtd Days Lag
1	71,543	95.42%	1	0.95
2	3,122	4.16%	2	0.08
3	70	0.09%	3	0.00
4	114	0.15%	4	0.01
5	7	0.01%	5	0.00
6	3	0.00%	6	0.00
7	112	0.15%	7	0.01
8 to 14	5	0.01%	11	0.00
Over 14	4	0.01%	14	0.00
Total	74,980	100.00%		1.06

Unitil Energy Systems, Inc.
Meter Reading to Recording of
Accounts Receivable
Monthly Detail

July 2019

Days Lag	Number of Meters	Percent of Meters	Days Lag Multiplier	Wtd Days Lag
1	74,961	99.29%	1	0.99
2	325	0.43%	2	0.01
3	120	0.16%	3	0.00
4	60	0.08%	4	0.00
5	11	0.01%	5	0.00
6	4	0.01%	6	0.00
7	2	0.00%	7	0.00
8 to 14	9	0.01%	11	0.00
Over 14	2	0.00%	14	0.00
Total	75,494	100.00%		1.01

August 2019

Days Lag	Number of Meters	Percent of Meters	Days Lag Multiplier	Wtd Days Lag
1	74,904	99.34%	1	0.99
2	271	0.36%	2	0.01
3	135	0.18%	3	0.01
4	18	0.02%	4	0.00
5	26	0.03%	5	0.00
6	29	0.04%	6	0.00
7	-	0.00%	7	-
8 to 14	15	0.02%	11	0.00
Over 14	-	0.00%	14	-
Total	75,398	100.00%		1.01

September 2019

Days Lag	Number of Meters	Percent of Meters	Days Lag Multiplier	Wtd Days Lag
1	74,697	98.93%	1	0.99
2	605	0.80%	2	0.02
3	112	0.15%	3	0.00
4	59	0.08%	4	0.00
5	17	0.02%	5	0.00
6	4	0.01%	6	0.00
7	2	0.00%	7	0.00
8 to 14	9	0.01%	11	0.00
Over 14	-	0.00%	14	-
Total	75,505	100.00%		1.02

Unitil Energy Systems, Inc.
Meter Reading to Recording of
Accounts Receivable
Monthly Detail

October 2019

Days Lag	Number of Meters	Percent of Meters	Days Lag Multiplier	Wtd Days Lag
1	74,977	99.32%	1	0.99
2	361	0.48%	2	0.01
3	67	0.09%	3	0.00
4	58	0.08%	4	0.00
5	13	0.02%	5	0.00
6	12	0.02%	6	0.00
7	-	0.00%	7	-
8 to 14	4	0.01%	11	0.00
Over 14	1	0.00%	14	0.00
Total	75,493	100.00%		1.01

November 2019

Days Lag	Number of Meters	Percent of Meters	Days Lag Multiplier	Wtd Days Lag
1	63,316	83.81%	1	0.84
2	12,002	15.89%	2	0.32
3	165	0.22%	3	0.01
4	32	0.04%	4	0.00
5	6	0.01%	5	0.00
6	9	0.01%	6	0.00
7	8	0.01%	7	0.00
8 to 14	7	0.01%	11	0.00
Over 14	-	0.00%	14	-
Total	75,545	100.00%		1.17

December 2019

Days Lag	Number of Meters	Percent of Meters	Days Lag Multiplier	Wtd Days Lag
1	71,323	93.99%	1	0.94
2	4,412	5.81%	2	0.12
3	104	0.14%	3	0.00
4	20	0	4	0.00
5	6	0.01%	5	0.00
6	3	0.00%	6	0.00
7	2	0.00%	7	0.00
8 to 14	10	0.01%	11	0.00
Over 14	-	0.00%	14	0.00
Total	75,880	100.00%		1.06

Unitil Energy Systems, Inc. Number Of Days Lag In Billing To Collection Twelve Months Average 1/19 - 12/19 G1 Customers				
Month	Days in Month	Electric Sales Revenues	Daily Average (1/Days)	Accounts Receivable Electric Sales
		(1)	(2)	(3)
2019				
January	31	2,388,876	77,061	1,694,451
February	28	2,380,026	85,001	1,733,678
March	31	2,291,695	73,926	1,744,832
April	30	2,250,977	75,033	1,664,034
May	31	2,262,282	72,977	1,642,140
June	30	2,201,363	73,379	1,473,726
July	31	2,710,251	87,427	1,856,227
August	31	2,701,687	87,151	1,974,405
September	30	2,430,610	81,020	1,713,009
October	31	2,541,971	81,999	1,664,588
Novemeber	30	2,273,366	75,779	1,489,939
December	31	2,360,719	76,152	1,589,034
Total		28,793,824	946,904	20,240,063
Average		2,399,485	78,909	1,686,672
Payment Lag Days (3/2)				21.37

Unitil Energy Systems, Inc. Number Of Days Lag In Billing To Collection Twelve Months Average 1/19 - 12/19 Non-G1 Customers				
Month	Days in Month	Electric Sales Revenues	Daily Average (1/Days)	Accounts Receivable Electric Sales
		(1)	(2)	(3)
2019				
January	31	14,952,484	482,338	19,170,819
February	28	14,321,641	511,487	19,521,176
March	31	13,488,285	435,106	18,683,703
April	30	12,267,210	408,907	17,228,545
May	31	11,567,581	373,148	16,323,155
June	30	10,626,418	354,214	15,296,273
July	31	13,061,010	421,323	16,858,546
August	31	13,819,429	445,788	17,796,087
September	30	10,799,225	359,974	14,789,110
October	31	10,636,317	343,107	13,758,856
Novemeber	30	9,918,239	330,608	13,789,896
December	31	12,244,119	394,972	14,864,318
Total		\$ 147,701,955	\$ 4,860,972	\$ 198,080,485
Average		\$ 12,308,496	\$ 405,081	\$ 16,506,707
Payment Lag Days (3/2)				40.75

**Unitil Energy Systems, Inc.
 Collection to Receipt of Available Funds**

Revenue Classification by Bank

Revenue is deposited into the remittance account on the day that the revenue is recorded as received. The following day, the bank statement reflects the prior day's bank availability of funds.

Total Lag Days from Receipt of Funds to Notification of Availability of Funds 1.00 day

**Availability of Funds as reported on succeeding business day.
 Source: Report on Previous Day Data, Citizens Bank**

2019	Percent of Funds				Weighted Lag Days		
	Available Same Day 0 Days Lag	1 Day Float 1 Day Lag	2-Day Float 2 Days Lag	Total	1 Day	2 Days	Total
January	32%	63%	5%	100%	0.63	0.10	0.73
February	35%	60%	5%	100%	0.60	0.10	0.70
March	34%	60%	6%	100%	0.60	0.11	0.71
April	36%	59%	5%	100%	0.59	0.10	0.69
May	36%	60%	4%	100%	0.60	0.08	0.68
June	39%	57%	4%	100%	0.57	0.08	0.65
July	36%	59%	5%	100%	0.59	0.10	0.69
August	42%	55%	4%	100%	0.55	0.07	0.62
September	35%	60%	5%	100%	0.60	0.09	0.69
October	38%	57%	5%	100%	0.57	0.09	0.67
November	36%	59%	5%	100%	0.59	0.10	0.69
December	36%	60%	4%	100%	0.60	0.08	0.68

Average Weighted Lag Days for Availability of Funds 0.68 days

Summary

Total Lag Days from Receipt of Funds to Notification of Availability of Funds	1.00 day
Average Weighted Lag Days for Availability of Funds	<u>0.68 days</u>
Total Lag Days from Collection to Availability of Funds:	<u><u>1.68 days</u></u>

Unitil Energy Systems, Inc.
 Remittance Accounts

January, 2019	Available Balance	1 Day Float	2 Day Float	Total Available + Float
2	118,118	357,580	17,855	
3	118,118	357,580	17,855	
4	109,420	539,974	25,966	
7	257,061	862,072	32,693	
8	384,179	84,504	39,329	
9	144,751	299,273	41,837	
10	37,257	311,031	12,885	
11	78,795	183,485	37,252	
14	362,520	462,787	23,597	
15	577,862	131,516	29,835	
16	255,928	424,205	63,887	
17	36,239	176,735	44,408	
18	44,442	205,480	3,413	
22	78,054	513,091	19,014	
23	435,227	129,075	7,097	
24	25,833	210,221	5,795	
25	93,756	209,621	7,759	
28	179,374	499,946	74,960	
29	71,066	184,343	8,252	
30	26,686	293,167	7,539	
31	7,214	264,890	8,953	
	<u>3,441,900</u>	<u>6,700,576</u>	<u>530,181</u>	<u>10,672,657</u>
% of Available Funds	32%	63%	5%	100%
Float Days	<u>0</u>	<u>1</u>	<u>2</u>	
Weighted Float Days	<u>-</u>	<u>0.63</u>	<u>0.10</u>	<u>0.73</u>

February, 2019	Available Balance	1 Day Float	2 Day Float	Total Available + Float
1	152,708	284,112	10,738	
4	195,902	608,562	24,329	
5	27,474	138,086	64,253	
6	424,662	573,233	60,666	
7	318,163	301,454	31,490	
8	118,366	275,978	33,398	
11	427,742	934,235	40,509	
12	480,003	258,389	34,555	
13	102,562	219,017	27,516	
14	85,327	97,056	5,423	
15	172,672	292,351	9,012	
19	42,066	383,188	23,736	
20	399,281	258,432	6,146	
21	76,071	48,061	10,368	
22	35,645	340,704	4,411	
25	141,326	35,459	10,286	
26	107,848	233,570	19,276	
27	23,630	150,422	42,814	
28	54,156	374,252	7,158	
	<u>3,385,603</u>	<u>5,806,561</u>	<u>466,084</u>	<u>9,658,248</u>
% of Available Funds	35%	60%	5%	100%
Float Days	<u>0</u>	<u>1</u>	<u>2</u>	
Weighted Float Days	<u>-</u>	<u>0.60</u>	<u>0.10</u>	<u>0.70</u>

Unitil Energy Systems, Inc.
Remittance Accounts

March, 2019	Available Balance	1 Day Float	2 Day Float	Total Available + Float
1	124,105	189,217	8,954	
4	67,999	499,536	12,231	
5	83,497	303,985	75,948	
6	255,857	362,211	62,756	
7	21,568	535,858	31,686	
8	98,664	111,542	22,344	
11	278,482	686,595	32,400	
12	441,816	310,357	49,240	
13	163,862	316,797	38,311	
14	85,837	296,696	11,064	
15	114,896	161,091	47,759	
18	269,044	549,191	50,033	
19	630,124	279,121	10,032	
20	135,582	195,549	16,294	
21	15,955	179,047	6,169	
22	84,722	164,362	4,987	
25	214,422	350,130	11,328	
26	364,762	49,671	39,663	
27	8,906	251,409	30,804	
28	5,362	228,287	11,325	
29	84,948	225,164	12,430	
	<u>3,550,412</u>	<u>6,245,816</u>	<u>585,758</u>	<u>10,381,986</u>
% of Available Funds	34%	60%	6%	100%
Float Days	<u>0</u>	<u>1</u>	<u>2</u>	
Weighted Float Days	<u>-</u>	<u>0.60</u>	<u>0.11</u>	<u>0.71</u>

April, 2019	Available Balance	1 Day Float	2 Day Float	Total Available + Float
1	95,770	463,719	23,815	
2	138,717	223,572	49,121	
3	5,090	488,329	48,066	
4	115,939	352,814	19,918	
5	165,624	459,411	12,670	
8	212,893	762,002	18,205	
9	562,213	293,252	39,576	
10	158,718	271,061	41,153	
11	2,811	222,206	39,031	
12	71,742	164,015	19,550	
15	410,279	263,297	10,659	
16	8	299,799	7,016	
17	717,465	187,868	6,931	
18	13,590	117,287	4,191	
19	79,761	62,999	11,882	
22	176,597	405,336	10,752	
23	386,858	29,357	6,082	
24	101,598	128,536	8,546	
25	86,031	138,451	6,052	
26	63,491	113,003	15,594	
29	45,736	342,602	56,849	
30	32,225	70,934	41,190	
	<u>3,643,156</u>	<u>5,859,850</u>	<u>496,849</u>	<u>9,999,855</u>
% of Available Funds	36%	59%	5%	100%
Float Days	<u>0</u>	<u>1</u>	<u>2</u>	
Weighted Float Days	<u>-</u>	<u>0.59</u>	<u>0.10</u>	<u>0.69</u>

Unitil Energy Systems, Inc.
 Remittance Accounts

May, 2019	Available Balance	1 Day Float	2 Day Float	Total Available + Float
1	22,642	358,753	12,576	
2	97,591	230,888	6,932	
3	160,883	211,368	7,973	
6	102,304	956,842	24,247	
7	401,013	290,948	43,253	
8	194,932	259,177	42,050	
9	61,783	279,329	20,038	
10	72,671	197,589	14,230	
13	344,287	430,636	19,498	
14	468,830	91,581	13,843	
15	166,001	238,055	17,267	
16	8,553	149,567	14,079	
17	68,486	101,304	4,446	
20	269,071	291,551	17,300	
21	1,405	84,547	4,975	
22	553,369	216,744	5,577	
23	72,739	145,612	8,012	
24	65,494	107,066	7,400	
28	163,782	371,363	27,060	
29	80,282	44,772	6,419	
30	42,412	270,085	53,881	
31	44,363	327,466	7,260	
	<u>3,462,894</u>	<u>5,655,243</u>	<u>378,316</u>	<u>9,496,453</u>
% of Available Funds	36%	60%	4%	100%
Float Days	<u>0</u>	<u>1</u>	<u>2</u>	
Weighted Float Days	<u>-</u>	<u>0.60</u>	<u>0.08</u>	<u>0.68</u>

June, 2019	Available Balance	1 Day Float	2 Day Float	Total Available + Float
3	198,086	499,155	33,542	
4	234,150	204,352	39,616	
5	28,291	289,750	34,157	
6	214,581	283,641	14,297	
7	88,502	248,785	8,451	
10	380,607	821,375	16,208	
11	378,123	80,445	41,529	
12	234,852	305,466	41,939	
13	183,047	200,512	11,070	
14	148,009	235,302	7,901	
17	136,770	404,966	22,132	
18	528,539	107,891	6,279	
19	157,689	215,207	3,998	
20	21,625	103,051	5,419	
21	72,102	160,104	5,563	
24	60,079	314,748	30,422	
25	351,836	97,553	6,927	
26	89,779	187,938	10,849	
27	18,805	189,878	25,879	
28	55,780	252,641	7,964	
	<u>3,581,253</u>	<u>5,202,760</u>	<u>374,142</u>	<u>9,158,155</u>
% of Available Funds	39%	57%	4%	100%
Float Days	<u>0</u>	<u>1</u>	<u>2</u>	
Weighted Float Days	<u>-</u>	<u>0.57</u>	<u>0.08</u>	<u>0.65</u>

Unitil Energy Systems, Inc.
Remittance Accounts

July, 2019	Available Balance	1 Day Float	2 Day Float	Total Available + Float
1	169,956	290,034	12,990	
2	34,071	165,232	45,877	
3	36,832	281,209	42,769	
5	165,085	566,624	14,071	
8	129,740	323,523	36,929	
9	458,188	145,010	41,941	
10	94,863	396,624	22,245	
11	45,120	219,067	6,931	
12	92,168	362,518	8,538	
15	371,592	328,558	19,238	
16	424,861	161,202	5,096	
17	206,092	277,448	7,801	
18	95,308	124,620	5,217	
19	70,029	131,748	12,468	
22	127,679	270,894	7,247	
23	288,684	111,945	5,299	
24	86,251	128,368	3,113	
25	19,873	134,053	5,907	
26	77,759	103,314	7,304	
29	47,033	367,049	63,313	
30	130,694	154,864	30,943	
31	55,777	225,553	24,522	
Total	3,227,656	5,269,457	429,759	8,926,872
% of Available Funds	36%	59%	5%	100%
Float Days	0	1	2	
Weighted Float Days	-	0.59	0.10	0.69

August, 2019	Available Balance	1 Day Float	2 Day Float	Total Available + Float
1	27,620	253,040	5,313	
2	103,498	175,194	8,309	
5	520,501	886,610	23,981	
6	289,440	261,204	51,367	
7	161,288	334,817	47,315	
8	265,913	277,920	10,561	
9	97,711	223,687	17,611	
12	285,008	582,877	15,153	
13	456,421	262,754	17,795	
14	140,511	172,333	31,618	
15	206,586	180,298	32,674	
16	55,708	140,862	4,485	
19	225,659	426,694	6,618	
20	728,801	105,204	5,546	
21	147,582	128,585	7,173	
22	22,273	162,334	5,808	
23	67,016	120,504	10,420	
26	236,264	315,350	46,702	
27	186,783	85,132	9,187	
28	30,078	177,776	7,872	
29	11,358	234,505	10,083	
30	73,763	172,030	12,580	
Total	4,339,783	5,679,710	388,171	10,407,664
% of Available Funds	42%	55%	4%	100%
Float Days	0	1	2	
Weighted Float Days	-	0.55	0.07	0.62

Unitil Energy Systems, Inc.
Remittance Accounts

September, 2019	Available Balance	1 Day Float	2 Day Float	Total Available + Float
2				
3	66,233	424,340	19,229	
4	118,334	179,033	50,708	
5	18,290	365,860	59,577	
6	215,428	455,503	14,693	
9	234,512	681,180	24,163	
10	573,466	423,810	50,294	
11	173,610	311,464	36,783	
12	3,899	302,368	29,250	
13	149,003	162,998	20,398	
16	194,301	417,156	18,349	
17	606,053	628,173	20,773	
18	197,976	171,687	13,902	
19	8,103	299,179	15,360	
20	136,782	121,589	7,247	
23	252,808	281,563	32,436	
24	423,498	114,492	11,791	
25	20,925	201,332	5,949	
26	176,000	262,982	8,149	
27	78,841	166,680	30,668	
30	115,353	427,044	32,787	
	<u>3,763,414</u>	<u>6,398,433</u>	<u>502,506</u>	<u>10,664,353</u>
% of Available Funds	35%	60%	5%	100%
Float Days	<u>0</u>	<u>1</u>	<u>2</u>	
Weighted Float Days	<u>-</u>	<u>0.60</u>	<u>0.09</u>	<u>0.69</u>

October, 2019	Available Balance	1 Day Float	2 Day Float	Total Available + Float
1	262,981	253,799	24,850	
2	13,834	360,905	23,473	
3	26,147	248,527	14,942	
4	194,390	257,133	20,303	
7	207,437	618,115	26,730	
8	625,759	207,027	64,691	
9	77,516	191,421	56,902	
10	283,319	288,817	8,611	
11	141,103	113,860	9,167	
15	37,910	393,883	8,615	
16	573,979	79,618	2,628	
17	25,219	241,373	10,054	
18	65,195	84,757	4,385	
21	161,986	518,075	6,197	
22	276,406	28,020	4,352	
23	104,686	147,593	2,794	
24	15,102	170,002	4,190	
25	44,991	80,296	4,327	
28	50,039	328,128	63,749	
29	119,837	88,256	22,425	
30	10,880	143,443	15,145	
31	11,333	211,126	16,914	
	<u>3,330,049</u>	<u>5,054,174</u>	<u>415,444</u>	<u>8,799,667</u>
% of Available Funds	38%	57%	5%	100%
Float Days	<u>0</u>	<u>1</u>	<u>2</u>	
Weighted Float Days	<u>-</u>	<u>0.57</u>	<u>0.09</u>	<u>0.67</u>

Unitil Energy Systems, Inc.
Remittance Accounts

November, 2019	Available Balance	1 Day Float	2 Day Float	Total Available + Float
1	138,362	213,880	7,098	
4	92,473	470,010	29,333	
5	8,450	340,714	26,658	
6	365,734	620,811	10,005	
7	96,915	162,753	7,927	
8	79,531	210,093	17,385	
12	243,052	796,733	58,450	
13	521,044	146,198	47,107	
14	297,441	288,041	28,018	
15	71,442	250,127	13,550	
18	158,892	205,952	87,017	
19	449,470	163,521	7,643	
20	111,341	239,613	6,109	
21	22,181	107,785	4,338	
22	57,077	216,329	4,632	
25	219,224	248,327	36,085	
26	112,116	47,085	10,752	
27	53,308	187,299	32,850	
29	36,668	176,072	6,916	
	<u>3,134,722</u>	<u>5,091,343</u>	<u>441,873</u>	<u>8,667,938</u>
% of Available Funds	36%	59%	5%	100%
Float Days	<u>0</u>	<u>1</u>	<u>2</u>	
Weighted Float Days	<u>-</u>	<u>0.59</u>	<u>0.10</u>	<u>0.69</u>

December, 2019	Available Balance	1 Day Float	2 Day Float	Total Available + Float
2	45,507	400,759	22,475	
3	20,263	66,753	18,319	
4	80,456	71,815	12,133	
5	328,464	361,586	13,743	
6	62,018	226,088	14,180	
9	88,266	631,767	54,800	
10	316,899	241,100	51,531	
11	133,106	323,283	15,493	
12	23,917	167,101	11,097	
13	88,711	143,716	4,634	
16	149,410	598,253	18,338	
17	485,946	49,448	3,352	
18	284,775	235,415	16,051	
19	5,129	202,948	7,295	
20	82,461	100,564	6,010	
23	166,359	330,405	25,742	
24	206,764	81,558	5,833	
26	61,474	240,534	11,988	
27	81,982	107,203	9,344	
30	281,288	382,622	7,960	
31	52,422	30,002	3,677	
	<u>3,045,617</u>	<u>4,992,920</u>	<u>333,995</u>	<u>8,372,532</u>
% of Available Funds	36%	60%	4%	100%
Float Days	<u>0</u>	<u>1</u>	<u>2</u>	
Weighted Float Days	<u>-</u>	<u>0.60</u>	<u>0.08</u>	<u>0.68</u>

UNITIL ENERGY SYSTEMS, INC
LEAD IN PAYMENT OF DEFAULT SERVICE COSTS AND RENEWABLE ENERGY CREDITS

	Reference Page	Cost	% of Total	Average Days Lead	Weighted Days Lead
G1 Default Service Supplier Costs	Schedule DTN-2	\$ 3,148,554	95.27%	46.87 days	44.65 days
G1 Renewable Energy Credits	21	\$ 156,491	4.73%	200.52 days	9.49 days
Total		<u>\$ 3,305,045</u>	100.00%		<u>54.14 days</u>

**UNITIL ENERGY SYSTEMS, INC
 LEAD IN PAYMENT OF RENEWABLE ENERGY CREDITS**

G1	2019												
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
RECs*													
Period Begin	1/1/2019	2/1/2019	3/1/2019	4/1/2019	5/1/2019	6/1/2019	7/1/2019	8/1/2019	9/1/2019	10/1/2019	11/1/2019	12/1/2019	
Period End	1/31/2019	2/28/2019	3/31/2019	4/30/2019	5/31/2019	6/30/2019	7/31/2019	8/31/2019	9/30/2019	10/31/2019	11/30/2019	12/31/2019	
\$ Amount	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$11,296	\$10,622	\$24,163	\$46,080
% to Total	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	7.22%	6.79%	15.44%	29.45%
Payment Date**	7/1/2020	7/1/2020	7/1/2020	7/1/2020	7/1/2020	7/1/2020	7/1/2020	7/1/2020	7/1/2020	7/1/2020	7/1/2020	7/1/2020	
Lead Period	532.50	503.00	473.50	443.00	412.50	382.00	351.50	320.50	290.00	259.50	229.00	198.50	
Weighted Days	-	-	-	-	-	-	-	-	-	18.73	15.54	30.65	64.92 days
REC Purchases***													
Period Begin	1/1/2019	1/1/2019	1/1/2019	2/1/2019	3/1/2019	4/1/2019	5/1/2019	6/1/2019	6/1/2019	7/1/2019	8/1/2019	9/1/2019	
Period End	1/31/2019	1/31/2019	1/31/2019	2/28/2019	3/31/2019	4/30/2019	5/31/2019	6/30/2019	6/30/2019	7/31/2019	8/31/2019	9/30/2019	
\$ Amount	\$3,121	\$6,375	\$2,931	\$11,837	\$11,877	\$11,451	\$11,597	\$4,173	\$7,593	\$13,494	\$12,811	\$3,563	
% to Total	1.99%	4.07%	1.87%	7.56%	7.59%	7.32%	7.41%	2.67%	4.85%	8.62%	8.19%	2.28%	
Payment Date	8/12/2019	10/31/2019	11/19/2019	11/19/2019	11/19/2019	11/19/2019	11/19/2019	11/19/2019	12/5/2019	12/5/2019	12/5/2019	12/5/2019	
Lead Period	208.50	288.50	307.50	278.00	248.50	218.00	187.50	157.00	173.00	142.50	111.50	81.00	
Weighted Days	4.16	11.75	5.76	21.03	18.86	15.95	13.89	4.19	8.39	12.29	9.13	1.84	
REC Purchases***													
Period Begin	9/1/2019	9/1/2019	9/1/2019	10/1/2019	10/1/2019								
Period End	9/30/2019	9/30/2019	9/30/2019	10/31/2019	10/31/2019								
\$ Amount	\$5,291	\$1,048	\$2,269	\$520	\$459								\$110,410
% to Total	3.38%	0.67%	1.45%	0.33%	0.29%								70.55%
Payment Date	1/22/2020	1/30/2020	2/19/2020	2/19/2020	2/21/2020								
Lead Period	129.00	137.00	157.00	126.50	128.50								
Weighted Days	4.36	0.92	2.28	0.42	0.38								135.60 days
Total \$ Amount													\$156,491

Weighted Days

200.52 days

* Estimated cost of RECs included in rates in 2019

** The last day to acquire 2019 Renewable Energy Credits and/or make alternative compliance payments is July 1, 2020

*** Actual purchasing activity for 2019 RECs applied in chronological order to monthly budgeted amounts.

000297

UNITIL ENERGY SYSTEMS, INC
LEAD IN PAYMENT OF DEFAULT SERVICE COSTS AND RENEWABLE ENERGY CREDITS

	Reference Page	Cost	% of Total	Average Days Lead	Weighted Days Lead
Non-G1 Default Service Supplier Costs	Schedule DTN-2	\$ 56,917,447	96.03%	36.86 days	35.40 days
Non-G1 Renewable Energy Credits	23	\$ 2,349,954	3.97%	213.58 days	8.47 days
Total		<u>\$ 59,267,402</u>	100.00%		<u>43.87 days</u>

**UNITIL ENERGY SYSTEMS, INC
 LEAD IN PAYMENT OF RENEWABLE ENERGY CREDITS**

NON-G1	2019												
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
RECs*													
Period Begin	1/1/2019	2/1/2019	3/1/2019	4/1/2019	5/1/2019	6/1/2019	7/1/2019	8/1/2019	9/1/2019	10/1/2019	11/1/2019	12/1/2019	
Period End	1/31/2019	2/28/2019	3/31/2019	4/30/2019	5/31/2019	6/30/2019	7/31/2019	8/31/2019	9/30/2019	10/31/2019	11/30/2019	12/31/2019	
\$ Amount	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$87,609	\$171,761	\$150,175	\$365,165	\$774,710
% to Total	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	3.73%	7.31%	6.39%	15.54%	32.97%
Payment Date**	7/1/2020	7/1/2020	7/1/2020	7/1/2020	7/1/2020	7/1/2020	7/1/2020	7/1/2020	7/1/2020	7/1/2020	7/1/2020	7/1/2020	
Lead Period	532.50	503.00	473.50	443.00	412.50	382.00	351.50	320.50	290.00	259.50	229.00	198.50	
Weighted Days	-	-	-	-	-	-	-	-	10.81	18.97	14.63	30.85	75.26 days
REC Purchases***													
Period Begin	1/1/2019	1/1/2019	1/1/2019	2/1/2019	3/1/2019	4/1/2019	5/1/2019	5/1/2019	6/1/2019	7/1/2019	8/1/2019	8/1/2019	
Period End	1/31/2019	1/31/2019	1/31/2019	2/28/2019	3/31/2019	4/30/2019	5/31/2019	5/31/2019	6/30/2019	7/31/2019	8/31/2019	8/31/2019	
\$ Amount	\$44,535	\$90,953	\$91,794	\$203,662	\$183,870	\$172,963	\$116,236	\$43,846	\$145,799	\$194,772	\$150,047	\$59,219	
% to Total	1.90%	3.87%	3.91%	8.67%	7.82%	7.36%	4.95%	1.87%	6.20%	8.29%	6.39%	2.52%	
Payment Date	8/12/2019	10/31/2019	11/19/2019	11/19/2019	11/19/2019	11/19/2019	11/19/2019	12/5/2019	12/5/2019	12/5/2019	12/5/2019	1/22/2020	
Lead Period	208.50	288.50	307.50	278.00	248.50	218.00	187.50	203.50	173.00	142.50	111.50	159.50	
Weighted Days	3.95	11.17	12.01	24.09	19.44	16.05	9.27	3.80	10.73	11.81	7.12	4.02	
REC Purchases***													
Period Begin	9/1/2019	9/1/2019	9/1/2019	9/1/2019									
Period End	9/30/2019	9/30/2019	9/30/2019	9/30/2019									
\$ Amount	\$16,274	\$14,952	\$39,782	\$6,542									\$1,575,244
% to Total	0.69%	0.64%	1.69%	0.28%									67.03%
Payment Date	1/22/2020	1/30/2020	2/19/2020	2/21/2020									
Lead Period	129.00	137.00	157.00	159.00									
Weighted Days	0.89	0.87	2.66	0.44									138.32 days
Total \$ Amount													\$2,349,954

Weighted Days

213.58 days

* Estimated cost of RECs included in rates in 2019

** The last day to acquire 2019 Renewable Energy Credits and/or make alternative compliance payments is July 1, 2020

*** Actual purchasing activity for 2019 RECs applied in chronological order to monthly budgeted amounts

000299

This page intentionally left blank

UNITIL ENERGY SYSTEMS, INC.

REDACTED WORKPAPERS

FOR THE

DEFAULT SERVICE AND
RENEWABLE ENERGY CREDITS

LEAD/LAG STUDY

FOR G1 AND NON-G1 CUSTOMERS

2019

REDACTED

**UNITIL ENERGY SYSTEMS, INC
 LEAD IN PAYMENT OF DEFAULT SERVICE COSTS AND RENEWABLE ENERGY CREDITS**

	Reference Page	Cost	% of Total	Average Days Lead	Weighted Days Lead
Summary					
Total G1 Default Service Supplier Costs	Detail below	\$ 3,148,554	95.27%	46.87 days	44.65 days
G1 Renewable Energy Credits	Schedule DTN-1 p 21	\$ 156,491	4.73%	200.52 days	9.49 days
Total		<u>\$ 3,305,045</u>	100.00%		<u>54.14 days</u>
<u>Detail for G1 Default Service Supplier Costs</u>					
Supplier A	3	\$ 1,596,726	50.71%		
Supplier B	4	\$ 1,551,828	49.29%		
Total G1 Default Service Supplier Costs		<u>\$ 3,148,554</u>	100.00%		46.87 days

REDACTED
UNITIL ENERGY SYSTEMS, INC
LEAD IN PAYMENT OF ELECTRIC COSTS

DS SERVICE POWER SUPPLY CONTRACTS

G1 SUPPLIERS	MONTH ENERGY PURCHASES DELIVERED												
	2019												
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
Supplier A													
Normal Service													
Period Begin						6/1/2019	7/1/2019	8/1/2019	9/1/2019	10/1/2019	11/1/2019		
Period End						6/30/2019	7/31/2019	8/31/2019	9/30/2019	10/31/2019	11/30/2019		
\$ Amount						\$ 188,489	\$ 214,961	\$ 198,342	\$ 252,015	\$ 236,819	\$ 294,630		\$ 1,385,255
% to Total						11.80%	13.46%	12.42%	15.78%	14.83%	18.45%		86.76%
Payment Date													
Lead Period													
Weighted Days													
Prior Period Adjustments (shown in billing period in 2019)													
Period Begin						6/1/2019	7/1/2019	8/1/2019					
Period End						6/30/2019	7/31/2019	8/31/2019					
\$ Amount						\$ 1,171	\$ 127,320	\$ 82,980					\$ 211,471
% to Total						0.07%	7.97%	5.20%					13.24%
Payment Date													
Lead Period													
Weighted Days													
Total \$ Amount	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 189,661	\$ 342,281	\$ 281,321	\$ 252,015	\$ 236,819	\$ 294,630	\$ -	\$ 1,596,726

Weighted Days

000303

REDACTED
 UNITIL ENERGY SYSTEMS, INC
 LEAD IN PAYMENT OF ELECTRIC COSTS

DS SERVICE POWER SUPPLY CONTRACTS

G1 SUPPLIERS	MONTH ENERGY PURCHASES DELIVERED												
	2019												
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
Supplier B													
Normal Service													
Period Begin	1/1/2019	2/1/2019	3/1/2019	4/1/2019	5/1/2019								
Period End	1/31/2019	2/28/2019	3/30/2019	4/30/2019	5/31/2019								
\$ Amount	\$ 300,789	\$ 243,013	\$ 267,474	\$ 231,753	\$ 223,713								\$ 1,266,742
% to Total	19.38%	15.66%	17.24%	14.93%	14.42%								81.63%
Payment Date													
Lead Period													
Weighted Days													
Prior Period Adjustments (shown in billing period in 2019)													
Period Begin	1/1/2019	2/1/2019	3/1/2019	4/1/2019	5/1/2019							12/1/2019	
Period End	1/31/2019	2/28/2019	3/30/2019	4/30/2019	5/31/2019							12/31/2019	
\$ Amount	\$ 8,676	\$ 8,334	\$ (17,964)	\$ (21,540)	\$ (33,828)							\$ 341,409	\$ 285,086
% to Total	0.56%	0.54%	-1.16%	-1.39%	-2.18%							22.00%	18.37%
Payment Date													
Lead Period													
Weighted Days													
Total \$ Amount	\$ 309,465	\$ 251,346	\$ 249,510	\$ 210,213	\$ 189,885	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 341,409	\$ 1,551,828
Weighted Days													

000304

REDACTED

**UNITIL ENERGY SYSTEMS, INC
 LEAD IN PAYMENT OF DEFAULT SERVICE COSTS AND RENEWABLE ENERGY CREDITS**

	Reference Page	Cost	% of Total	Average Days Lead	Weighted Days Lead
Summary					
Total Non-G1 Default Service Supplier Costs	see below	\$ 56,917,447	96.03%	36.86 days	35.40 days
Renewable Energy Credits	Schedule DTN-1 p 23	\$ 2,349,954	3.97%	213.58 days	8.47 days
Total		<u>\$ 59,267,402</u>	<u>100.00%</u>		<u>43.87 days</u>
<u>Detail for Non-G1 Default Service Supplier Costs</u>					
Supplier C	6	\$ 2,480,713	4.36%		
Supplier D	7	\$ 40,197,748	70.62%		
Supplier E	8	\$ 14,238,986	25.02%		
Total Non-G1 Default Service Supplier Costs		<u>\$ 56,917,447</u>	<u>100.00%</u>		<u>36.86 days</u>

REDACTED
 UNITIL ENERGY SYSTEMS, INC
 LEAD IN PAYMENT OF ELECTRIC COSTS

DS SERVICE POWER SUPPLY CONTRACTS

NON-G1 SUPPLIERS	MONTH ENERGY PURCHASES DELIVERED												
	2019												
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
Supplier C													
Normal Service													
Period Begin						6/1/2019							
Period End						6/30/2019							
\$ Amount						\$ 2,480,713							\$ 2,480,713
% to Total						100.00%							100.00%
Payment Date													
Lead Period													
Weighted Days													
Prior Period Adjustments (shown in billing period in 2019)													
Period Begin													
Period End													
\$ Amount													\$ -
% to Total													0.00%
Payment Date													
Lead Period													
Weighted Days													
Total \$ Amount	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 2,480,713	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 2,480,713
Weighted Days													

000306

REDACTED
UNITIL ENERGY SYSTEMS, INC
LEAD IN PAYMENT OF ELECTRIC COSTS

DS SERVICE POWER SUPPLY CONTRACTS

NON-G1 SUPPLIERS	MONTH ENERGY PURCHASES DELIVERED												
	2019												
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
Supplier D													
Normal Service													
Period Begin	1/1/2019	2/1/2019	3/1/2019	4/1/2019	5/1/2019	6/1/2019	7/1/2019	8/1/2019	9/1/2019	10/1/2019	11/1/2019	12/1/2019	
Period End	1/31/2019	2/28/2019	3/30/2019	4/30/2019	5/31/2019	6/30/2019	7/31/2019	8/31/2019	9/30/2019	10/31/2019	11/30/2019	12/31/2019	
\$ Amount	\$ 7,642,186	\$ 6,310,027	\$ 5,622,806	\$ 3,353,931	\$ 3,834,026	\$ 1,026,725	\$ 1,500,801	\$ 1,181,455	\$ 983,984	\$ 732,531	\$ 1,112,192	\$ 6,710,526	\$ 40,011,191
% to Total	19.01%	15.70%	13.99%	8.34%	9.54%	2.55%	3.73%	2.94%	2.45%	1.82%	2.77%	16.69%	99.54%
Payment Date													
Lead Period													
Weighted Days													
Prior Period Adjustments (shown in billing period in 2019)													
Period Begin	1/1/2019	2/1/2019	3/1/2019	4/1/2019	5/1/2019	6/1/2019	7/1/2019	8/1/2019	9/1/2019	10/1/2019			
Period End	1/31/2019	2/28/2019	3/30/2019	4/30/2019	5/31/2019	6/30/2019	7/31/2019	8/31/2019	9/30/2019	10/31/2019			
\$ Amount	\$ 182,239	\$ 28,024	\$ 68,846	\$ (262)	\$ (7,380)	\$ (32,021)	\$ (6,859)	\$ 289	\$ (24,463)	\$ (21,855)			\$ 186,557
% to Total	0.45%	0.07%	0.17%	0.00%	-0.02%	-0.08%	-0.02%	0.00%	-0.06%	-0.05%			0.46%
Payment Date													
Lead Period													
Weighted Days													
Total \$ Amount	\$ 7,824,424	\$ 6,338,051	\$ 5,691,652	\$ 3,353,669	\$ 3,826,646	\$ 994,705	\$ 1,493,941	\$ 1,181,744	\$ 959,522	\$ 710,676	\$ 1,112,192	\$ 6,710,526	\$ 40,197,748
Weighted Days													

000307

REDACTED
 UNITIL ENERGY SYSTEMS, INC
 LEAD IN PAYMENT OF ELECTRIC COSTS

DS SERVICE POWER SUPPLY CONTRACTS

NON-G1 SUPPLIERS	MONTH ENERGY PURCHASES DELIVERED												
	2019												
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
Supplier E													
Normal Service													
Period Begin							7/1/2019	8/1/2019	9/1/2019	10/1/2019	11/1/2019		
Period End							7/31/2019	8/31/2019	9/30/2019	10/31/2019	11/30/2019		
\$ Amount							\$ 4,010,878	\$ 2,676,015	\$ 2,200,448	\$ 2,120,661	\$ 2,962,828		\$ 13,970,831
% to Total							28.17%	18.79%	15.45%	14.89%	20.81%		98.12%
Payment Date													
Lead Period													
Weighted Days													
Prior Period Adjustments (shown in billing period in 2019)													
Period Begin						6/1/2019	7/1/2019	8/1/2019	9/1/2019				
Period End						6/30/2019	7/31/2019	8/31/2019	9/30/2019				
\$ Amount						\$ 16,997	\$ 103,132	\$ 121,784	\$ 26,242				\$ 268,155
% to Total						0.12%	0.72%	0.86%	0.18%				1.88%
Payment Date													
Lead Period													
Weighted Days													
Total \$ Amount	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 16,997	\$ 4,114,011	\$ 2,797,799	\$ 2,226,690	\$ 2,120,661	\$ 2,962,828	\$ -	\$ 14,238,986

Weighted Days

000308