



**ENERGY COMMITTEE
REGULAR MEETING AGENDA
Monday, July 13, 2015 6:30 pm
City Hall Council Chamber, Bethel, AK**

Members

Mary Weiss
Chair
mtweiss@uaa.alaska.edu

Shari Neth
Vice-Chair
Shari_neth@lksd.org

Zach Fansler
Council Representative
zfansler@cityofbethel.net

Jeff Sanders
Jeefco2004@yahoo.com

Eddie Stanley
eddieselectric@gci.net

Wade Ferdig
wadeferdig@gmail.com

Jody Drew
Jody_drew@yahoo.com

Alternative Members:

Ex-Officio Member

John Sargent
Recorder
543-1386
jsargent@cityofbethel.net

I. CALL TO ORDER

II. ROLL CALL

III. PEOPLE TO BE HEARD – Fifteen minutes per person

IV. APPROVAL OF AGENDA

V. APPROVAL OF MEETING MINUTES

- a. Regular Energy Committee Meeting May 11, 2015
- b. Regular Energy Committee Meeting June 8, 2015

VI. UNFINISHED BUSINESS

- a. Alternative Energy Report Update
- b. Pool Wind Turbine Data Collection and Display
- c. Ron Kaiser (guest) Information on Recovered Heat

VII. NEW BUSINESS

- a. Approval of Resignation of Wade Ferdig from Energy Committee
- b. Pool Wind Turbine Improved Blade Purchase
- c. Northern Power Operation and Maintenance Proposal for Pool Wind Turbine

VIII. COMMITTEE MEMBER COMMENTS

IX. ADJOURNMENT

City of Bethel

Energy Committee

May 11, 2015

Regular Meeting

Bethel, Alaska

I. CALL TO ORDER

A regular meeting of the Energy Committee was held on May 11, 2015 at 6:30 pm in the City Hall Council Chambers, in Bethel, Alaska.

Chair Mary Weiss called the meeting to order at 6:35 pm.

II. ROLL CALL

The following Committee members were present, demonstrating a quorum:

Mary Weiss
Shari Neth
Wade Ferdig
Jody Drew
Zach Fansler
Jeff Sanders
John Sargent (Ex-Officio)

III. PEOPLE TO BE HEARD

None

IV. APPROVAL OF AGENDA

MOVED:	Zach	Approve Agenda.
SECONDED:	Jody	
MOVED:	Zack	Amend agenda by moving items b, c, d, f in front of item a under V. Approval of Meeting Minutes.
SECONDED:	Jody	
VOTE ON AMENDMENT	All in favor Motion passes; 6 and 0 opposed.	
VOTE ON MAIN MOTION	All in favor Motion passes; 6 and 0 opposed.	

V. UNFINISHED BUSINESS

MOVED:	Jody	Change wording of Recommendation of Land Lease to AVEC for Wind Energy Development to meet AVEC's need for land.
SECONDED:	Shari	
VOTE ON MAIN MOTION		
All in favor Motion passes; 6 and 0 opposed.		

John recorded word changes and said he would make the changes before submitting the recommendation to City Council.

MOVED:	Shari	Change wording in Recommendation that Bethel City Council Investigate the Purchase and Use of Waste Heat from AVEC (e.g., "recovered heat" not "waste heat," "pipes" not "lines," and "attractive" not "lucrative.")
SECONDED:	Jody	
VOTE ON MAIN MOTION		
All in favor Motion passes; 6 and 0 opposed.		

John recorded word changes and said he would make the changes before submitting the recommendation to City Council.

VI. APPROVAL OF MEETING MINUTES

MOVED:	Jody	Approve Regular Committee Meeting April 6, 2015.
SECONDED:	Shari	
VOTE ON MAIN MOTION		
All in favor Motion passes; 6 and 0 opposed.		

VII. NEW BUSINESS

After three hours of discussion during meeting, it was mutually decided to postpone these items.

VIII. COMMITTEE MEMBER COMMENTS

IX. ADJOURNMENT

MOVED:	Wade	Adjourn meeting.
SECONDED:	Jeff	
VOTE ON MAIN MOTION	All in favor Motion passes; 6 and 0 opposed.	

Shari Neth, Vice-Chair

ATTEST:

John Sargent, Recorder

City of Bethel

Energy Committee

June 8, 2015

Regular Meeting

Bethel, Alaska

I. CALL TO ORDER

A regular meeting of the Energy Committee was held on June 8, 2015 at 6:30 pm in the City Hall Council Chambers, in Bethel, Alaska.

Chair Mary Weiss called the meeting to order at 6:42 pm.

II. ROLL CALL

The following Committee members were present, demonstrating a lack of quorum:

Shari Neth
Jeff Sanders
Jody Drew
John Sargent (Ex-Officio)

Meeting adjourned for lack of quorum.

Mary Weiss, Vice-Chair

ATTEST:

John Sargent, Recorder

012190893

Due Date 12/01/2014

Period 10/1/14 to 10/31/2014

Days

10/31/2014

30

Oct 2014

Readings

78477 111522

Usage

33045

Multiplier

Load Factor

Power Factor

106.27 106.27

Demand

0.000 0.000

Kvar

ENG 14952.10

SL Charge 0.00

PCA 0.00

FCA 1130.14

Taxes 0.00

Other charges 15.00

Load Factor: 43.19
Power Factor: 0



Charge ID	Class	Stat Seq	Amount	Block Charge	Usage	Demand billed
DEMAND	DCHG	150	2852.29	26.8400000	0.00	106.27
LCOMEN	ENG	101	12061.43	0.3650000	33045.00	0.00
LCFCA	FCA	110	1130.14	0.0342000	33045.00	0.00
LCOMCC	FIXD	50	38.38	0.0000000	0.00	0.00
*CFEEB	OTHER	55	15.00	0.0000000	0.00	0.00
			16097.24			

012190893

Due Date 01/01/2015

10/31/14 to

Days

12/01/2014

31

Nov 2014

Readings

111522 153120

Usage

41598

Mult

Load F

Power F

Demand 115.48 115.48

Kvar 0.000 0.000

0.00

18321.13

SL Charge 0.00

0.00

FCA 15362.14

Other charges 0.00

*Load Factor: 48.42
Power Factor: 0*

Item ID	Class	Stat Seq	Amount	Block Charge	Usage	Demand billed
Demand	DCHG	150	3099.48	26.8400000	0.00	115.48
LCOMEN	ENG	101	<i>203.83</i> 15183.27	<i>1,0049</i> 0.3650000	41598.00	0.00
LCFCA	FCA	110	15362.14	0.3693000	41598.00	0.00
LCOMCC	FIXD	50	38.38	0.0000000	0.00	0.00
			33683.27			

012190893

Due Date 02/01/2015

od 12/1/14 to

Days

12/31/2014

30

December 2014

Readings

153120 182706

Usage

29586

Multiplie

1.0

Demand

101.76 101.76

Load Facto

Kvar

0.000 0.000

0.00

Power Facto

Load Factor: 40.38
Power Factor: 0

SL Charge 0.00

VG 2914.59

FCA -4053.33

CA 0.00

Other charges 0.00

es 0.00



Charge ID	Class	Stat Seq	Amount	Block Charge	Usage	Demand billed
DEMAND	DCHG	150	2731.24	26.8400000	0.00	101.76
LCOMEN	ENG	101	144.97	0.0049000	29586.00	0.00
LCFCA	FCA	110	10926.11	0.3693000	29586.00	0.00
LCFCA	FCA	110	-14979.44	0.0000000	0.00	0.00
			-4053.33			
LCOMCC	FIXD	50	38.38	0.0000000	0.00	0.00
			-1138.74			

012190893

Due Date 03/01/2015

12/31/15 to

Days

01/30/2015

30

Jan 2015

Readings

182706 214697

Usage

31991

Mult

1.0

Load F

112.65 112.65

Power F

0.000 0.000

3218.67

SL Charge 0.00

*Load Factor: 39.84
Power factor: 0*

0.00

FCA 11814.28

0.00

Other charges 0.00

Charge ID ▼	▲ Class ▼	▲ Stat Seq ▼	▲ Amount ▼	▲ Block Charge ▼	▲ Usage ▼	▲ Demand billed ▼
MAND	DCHG	150	3023.53	26.8400000	0.00	112.65
OMEN	ENG	101	156.76	0.0049000	31991.00	0.00
FCA	FCA	110	11814.28	0.3693000	31991.00	0.00
OMCC	FIXD	50	38.38	0.0000000	0.00	0.00
			15032.95			

012190893

Due Date 04/01/2015

139/15 to

Days

02/27/2015

28

Feb 2015

Readings

214697 234996

Usage

20299

Mul

1.0

Demand

98.78

Load I

Kvar

0.000

0.00

Power I

2789.11

SL Charge 0.00

0.00

FCA 6993.01

0.00

Other charges 0.00

*Load Factor: 30.58
Power Factor: 0*

Charge ID ▼	▲ Class ▼	▲ Stat Seq ▼	▲ Amount ▼	▲ Block Charge ▼	▲ Usage ▼	▲ Demand billed ▼
MAND	DCHG	150	2651.26	26.8400000	0.00	98.78
OMEN	ENG	101	99.47	0.0049000	20299.00	0.00
CFCA	FCA	110	6993.01	0.3445000	20299.00	0.00
OMCC	FIXD	50	38.38	0.0000000	0.00	0.00
			9782.12			

012190893
2/27/15 to

Due Date 05/01/2015
Days

03/31/2015
Mar 2015

32

Readings

234996 272481
Demand 0.00 98.16
Kvar 0.000 0.000

Usage

37485

Mult

1.0

Load F

Power F

0.00

*Load Factor: ?
Power Factor: 0*

2856.67 SL Charge 0.00
0.00 FCA 12913.58
0.00 Other charges 0.00

Item ID	Class	Stat Seq	Amount	Block Charge	Usage	Demand billed
AND	DCHG	150	2634.61	26.8400000	0.00	98.16
MEN	ENG	101	183.68	0.0049000	37485.00	0.00
FCA	FCA	110	12913.58	0.3445000	37485.00	0.00
MCC	FIXD	50	38.38	0.0000000	0.00	0.00
			15770.25			

012190893 - Location Due Date 06/01/2015

3/31/15 - Billing Period
05/01/2015
April 2015

Readings 305301 Usage 32820 Mu
Demand 43.01 98.16 Load
Kvar 0.000 0.000 Power

Multipier = 1.0
Load Factor = 102.56
Power Factor = 0.0

2833.81 ENF SL Charge 0.00
0.00 PCA FCA 11306.49
0.00 Taxes Other charges 0.00

Item ID	Class	Stat Seq	Amount	Block Charge	Usage	Demand billed
Demand	DCHG	150	2634.61	26.8400000	0.00	98.16
LCOMEN	ENG	101	160.82	0.0049000	32820.00	0.00
LCFCA	FCA	110	11306.49	0.3445000	32820.00	0.00
LCOMCC	FIXD	50	38.38	0.0000000	0.00	0.00
			14140.30			