

Renewable Energy & Energy Conservation Advisory Board

Meeting Minutes

December 5, 2014

Logan City Environmental Department Class Room

Board Members Present: Byard Wood, Jim Goodwin, Matt Hansen, Peter Robertson, Matt Perry, Jeannie Simmonds

Also in attendance: Nic Kirkham, Derek Johnson, Mike Taylor, Carl Saunders, Darren Bingham, James Wirth, Emily Lindley, Amy Anderson, Emily Malik, Craig Petersen.

1. Welcome and Introductions

Byard welcomed everyone

Everybody introduced themselves.

2. Acceptance of Agenda/Minutes

All present members voted and approved the minutes and agenda.

3. RECAB Board Membership

Emily said they had a large response to the Herald Journal article about the vacant position.

Matt Hansen mentioned due to personal reasons he needs to resign from RECAB.

Byard proposed to give Matt a big thank you for his effort and service to RECAB.

Jeannie moved to increase the vacant positions to 2.

Matt seconded the motion.

Jeanie motioned to amend the by-laws to read minimum of eleven board members.

Matt seconded the motion.

All present members voted and approved.

Emily suggested amending the by-laws to allow both council members the ability to vote. (It was noted that this had already been done some time ago.)

Jim supported the suggested amendment.

Peter seconded.

All present members voted and approved.

31 **4. Key lessons learned on the SEPA executive fact finding mission to Germany**
32 **(Doug Hunter presentation) that are applicable to Logan.**

33 Matt P said he was more persuaded towards a community solar program after the
34 presentation.

35 Byard said Logan City is in a unique position and should work closely with Logan City Light
36 and Power.

37 Jim mentioned that the board should push education on solar.

38 Byard said that maybe the board should put out a survey to gage community interest.

39 Emily said she has a professor who could do a survey in the fall.

40 Jim said he thinks it would be better to wait until the board makes it threw the topics set in the
41 meeting outline.

42 Byard agreed.

43 **5. Solar Farm Update**

44 Mark gave an update on the solar community project.

45 Emily asked if there was a way for people to buy multiple 100 kW blocks.

46 Mark said there would not because there would only be about 19 units available to sell. The
47 entire array consists of 80 PV panels that are rated at 240 Watts max each. Thus the total
48 capacity is 19.2 KW. We could consider selling panels or capacity. Panels may be more
49 attractive to Logan residents. Jim asked if it would be feasible to upgrade the current inverters
50 to maximize the energy.

51 Mark said it is really hard to retrofit the micro-inverters.

52 Matt P asked if it was still the best option to use micro-inverters.

53 Matt H said a benefit of micro-inverters is that if 1 goes down you are not losing your whole
54 system.

55 Matt P asked if it is feasible for Logan Light and Power to put in a larger solar farm.

56 Mark said there is a risk in scheduling upgrades in the system that must be considered.
57 Rocky Mountain Power allows Logan to wheel up to 25 MW before it will charge extra fees for
58 wheeling and backup capacity. Logan is very close to this limit.

59 **6. SMUD Update**

60 Matt P resented about SMUD solar share.

61 Mayor Petersen asked if SunShot could help Logan Light and Power.

62 Matt P said SunShot worked more with Clean Energy Collective.

63 Mark said he wasn't sure if 100 KW sized blocks are the best size to sell.

64 Darren said that it might be best to look at property/apartment management to help with
65 green living for students.

66 Emily said the people who have signed up for the green energy fund would get first pick of
67 buying the blocks.

68 Jeannie asked if there was a way to lessen the 20 year contract for Logan.

69 Mark said it would have to be set up like a lottery for people to purchase the blocks.

70 Matt P said SMUD does at least 6 month commitments and customers can opt out but if they
71 opt back in they risk a higher rate.

72 Peter, Matt P, Derrick and James Wirth volunteered to be on a committee to research the
73 pros and cons of ways to operate the community solar project.

74 **7. Renewable Energy Economics Update**

75 Byard presented on the Renewable Energy Economics.

76 **8 & 9. Review and acceptance of material for Solar PV section of road map; Review**
77 **and acceptance of material for Solar PV section of road map**

78 Emily asked for members to send input via e-mail on what should be included on the road
79 map.

80 **10. Open Discussion and January Agenda Items**

81 Emily handed out a newsletter from some USU students about light bulbs.

82 **11. Next Meeting: January 2 or January 9**

83 Peter moved to have the meeting moved to January 9, 2015.

84 All present members voted and approved.

85 Byard mentioned he would like to have a planning meeting before Christmas.

86 The next meeting will be held on Friday January 9, 2015

87 Meeting adjourned at 9:15 am.

88 Minutes submitted by: Amy Anderson