

Minutes
Energy Advisory Committee and Design Review Committee Meeting
March 31, 2020, 7:00PM
By Zoom

- I. *Call to Order.* 7:04PM Attending: EAC: Valerie White, George Aronson, Lajos Kamoscay, Silas Fyler, DRC: Paul Driscoll, Ted Galeota, Ron Goodman, Sid Jeevan, Julie Rowe, Colin Barbera, Town Engineer: Peter O'Cain, DSD: Tim Magner, Jenny Nicolas, Alex Norman, De Kong, Nicole Seidel, Tetrattech: Joshua Burdette, John Scott, Observers: Kathy Farrell, Stuart Baur, Judith Karlin, Stuart Brown, Judy Crosby, Susan Price, Rob Maidman, Don ?, Bri McAlevey, Paul Lauenstein, Linda Berger, Recreation Director, CMGCPA?. Ira Miller, finance committee
- II. *Approval of minutes from March 24, 2020.* Moved, seconded, passed unanimously.
- III. *Presentation by Distributed Solar:* East Elementary/Gavins Pond/Landfill projects. Nicole Seidel. Joshua Burdette. Tim Magner.
- IV. *Discuss East Elementary/Gavins Pond/Landfill solar design and mitigation recommendations with DRC.* Questions: Rob Maidman: Were sensors used for the glare studies? No, all done by software. Glare software does not take into account ground elevations and vegetation. Rob wants a receptor added to playground at East. DSD/Tetrattech agreed. Sid wanted to know what has been factored in for multiple lines of sight, from house windows first and second floors. Joshua says Glare Analysis is done from both first and second floors. It doesn't vary much. Tim says they will have to do abutter engagement for landscaping mitigation. They know this. Stuart: had a question about uprights in parking lot at Gavins. Tim says the intent is to make the frame fit the lot as it currently exists. Stuart Baur: Idea of the soccer balls being removed from the canopy quarterly is completely unsatisfactory. Balls *will* end up on the canopy. Need a better answer because they belong to the kids. Tim will take under consideration. Lajos asked: will support columns be in front of parked cars or in between? Tim: in front. Silas: need more glare info for school. Second floor of school should be included. Tim: Canopy columns are 24-33 feet apart, depending on snowload: 30 feet is standard for here. Silas asked about height of concrete surrounds. DSD: Intention is to put protection around lower part of columns to protect from car impacts. Lajos: would there be a column in the middle of the entrance of the larger Gavins lot? DSD: No. They can extend the long array, shorten the short array. There will be wave setups so that the panels aren't all oriented the same way. The glare software doesn't accommodate for alternating panels. Sid: We need to have mitigation possibilities for the Selectboard. Rob: What would be the result if Eversource says an upgrade to the transmission system is needed? Tim: DSD would have to pay for it. It might conceivably make the project not feasible. A smaller proposal might be possible. They have resized in previous projects but not on the scale of the landfill. Discussion of Master Comments List. When would

final site plans be complete? Tim: Landfill and Gavins final plans are held up by interconnection. They can't estimate even what month they might be final. East: DSD will get back to us with date for final design. Renderings of landscaping element. Can they be done before site plan? Nicole: Yes. Alex: The purpose of gutters is to address rainwater and icicles. At Gavins the issue regarding gutters is that there is no groundwater system. Lajos: we will have to talk more about storm water. When can we have estimated Gavins construction schedule? Nicole: DSD wants to provide schedule, including permitting and interconnection. Won't be as nailed down as they would like. Will try to give timeframe. Stuart Baur: guttering might prevent water sheeting off the sloped canopies, which could cause erosion in the gravel parking lot. DSD: 100 percent in agreement. Will have multiple downspouts about every second or third column. Lajos: what about installing a net to intercept soccer balls? Tim: they haven't engineered it before, but it should be straightforward. Doesn't want to provide misleading assurances. Lajos: does liability coverage cover soccer participants? Tim: Yes, absolutely. Lajos: Do we expect loss of any parking? Tim: maybe only one or two slots for equipment. Paul Driscoll: would like to see where columns will be placed, and would opine about space loss then. Lajos: can we mark on the site where the columns go. Alex: we can take an aerial image. There isn't striping for slots. He will do an overlay of what striping would look like. Can do it before next meeting. Paul happy to walk with designers six feet apart. Peter O'Cain needs to know where parking slots are going to be. Maybe the soccer folks can provide them with solid numbers about spacing. Alex can adjust the canopy to certain spacings. Joshua: DSD will deal with storm water issue. Soccer Assoc. prefers option 4 with removal of mound. This plan will add 20 parking spaces, will alleviate traffic issues. Peter O'Cain, town anticipates being drawn into this work (leveling mound). Peter will try to get test holes done to determine is there is ledge. The mound is probably just soil. Discussion of Exhibit D. Discussion of East. Painting canopies: agreed. Transformer location. Has go ahead to use existing transformer. Green lighted by Eversource. Utilizing existing infrastructure. EAC: Sense of the meeting is to have an abutters' meeting before we make a recommendation to the Selectboard. We should update the Selectboard. How long will it take to set up meeting with abutters? Nicole: Don't know because she doesn't know how many abutters. Will try to get info by tomorrow.

- V. *Group discussion and topics not reasonably anticipated within 48 hours of the meeting.* None.
- VI. *Schedule next meeting* April 6, 2020, 7:00PM
- VII. *Adjourn* 10:14 Moved, seconded, passed unanimously