

Nov. 5th, 2019- Energy Generation

- Portable Generators:
 - Need community class on generator maintenance
 - Information on oil, filters, mechanics
 - Generator safety
 - Load testing and creating and “energy budget” for your house and generator
 - Ideally shouldn’t run generator over 60%(Gas) or 80%(diesel) of load capacity
 - All hands & hearts donated an additional 50 generators that are waiting to clear customs in Marsh Harbour
 - EXP has the data that they collected over their past weeks assessment and are in the process of putting together proposals. They are putting together cost and timeline estimates for underground vs overhead solutions for temporary power. These proposals should be available by next week for review.
 - A solar/generator installer, friend of David Idas, will try to attend next week’s meeting with some of his engineers to provide insight and answer questions

- Solar:
 - Ed Strobal with Hope 4 Hopetown has a solar company in Florida called Sunshine Solar Service. He has generously donated some materials and installed small scale solar systems on a couple of local homes to help cut down on fuel usage and costs.
 - Working on putting together an informational document on the best options available for solar and the associated costs

- Roof type matters if you are considering solar
 - Standing seam metal roofs are the easiest for solar installation and stand up well in storms
 - Shingle roofs are also a good option for solar insulation but dont stand up as well in high winds
 - Bermuda roofs make solar insulation difficult but, stand up very well in storms
 - *Side note: always re-nail plywood on roofs with high quality ring nails before laying shingles, metal or other

- Keep solar panels away from edges at least 2-3ft.
- Solar systems with batteries “filter” energy coming from the grid and avoids large power fluctuations that may damage electronics (Acting almost like a large scale surge protector)
- Higher SEER rated air conditioning systems are more efficient and are better for solar systems. They will also cut down on energy costs from the grid however, are more susceptible to damage from power fluctuations.