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The overview should include awareness of climate science in predicting all energy use trends. It is no longer enough to build on past climate data as climate change could be swift and could be volatile. Other sections need to include this understanding as well. Climate change is listed later but by listing it in a separate line item it implies that this aspect is not part of the core considerations and it must be along with economic and health considerations in all energy use planning. EE should really work to discuss clearer linkages between capital spending and operations cost reductions, and to link them in a way to promote more EE work. This linkage may drive legislation and State Budget Office planning. EE should also link to production in that we need to produce energy more efficiently as well in our power sector. Added to this new power plants, of any kind, should seek to reduce the carbon footprint of the materials in the construction of the plant itself. RE should include the thought that EE should typically be incentivized and mandated first. RE should also include smart grid discussions, linkages to other aspects of energy use such as vehicles (electric vehicles as battery storage) and of

built form being the RE component (roads that produce electricity while lighting road lines and canopies with frits of PV, etc). The plan should include strategies for reducing use of energy overall, but also focus on reduction of those fuels that are purchased from out-of-state, out-of-country, and/or that carry significant GHG emissions burdens. The low-cost electric power listed ion clean energy economy

is of no benefit to NYS if that electricity is produced with coal.

Comment: