

AEEGY 201A Energy Storage System

PART (1)

CLASS LESSON NOTES FOR BASIC CONCEPTS AT FOUNDATION/ADVANCED DIPLOMA LEVEL

In this subject you will learn about energy storage systems. You will develop specialised knowledge and skills relating to:

- The need for and benefits of energy storage technologies
- Current energy storage technologies and their application
- Environmental impacts and benefits of energy storage systems
- Designing an energy storage system for specific engineering applications
- Costing and payback of energy storage systems
- Designing and building a small scale energy storage system.

Notes to be copied from USB & DVD

Folder 1

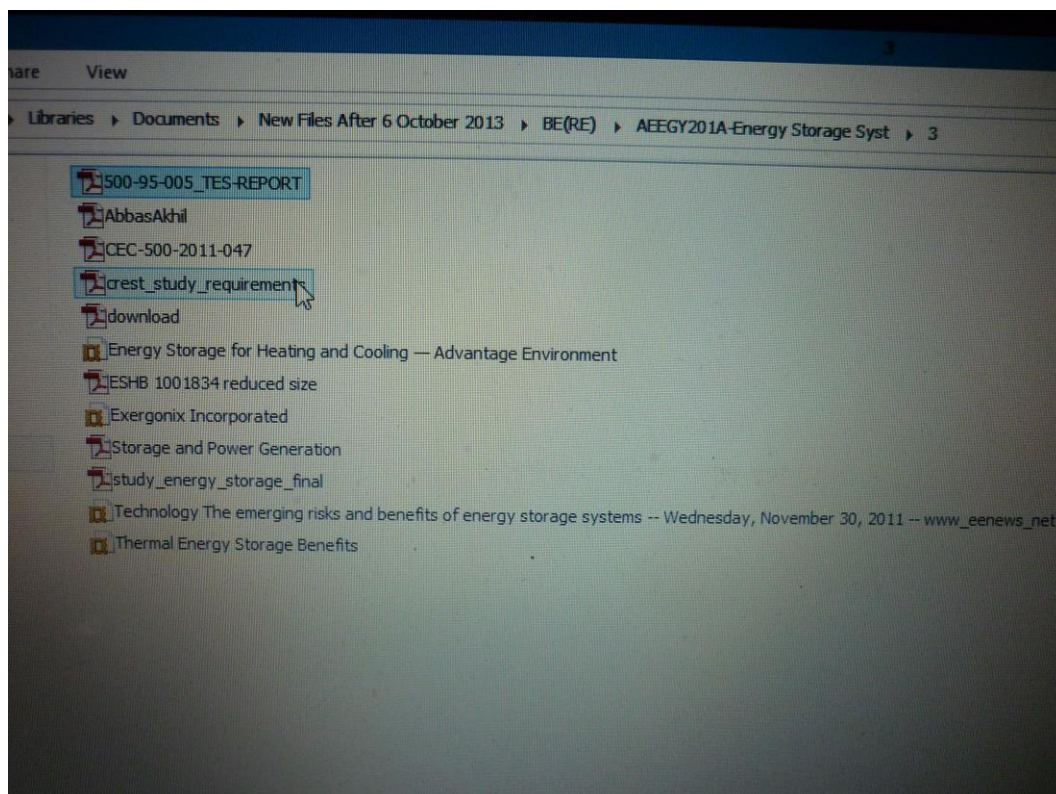
- Distributed Energy Storage Benefits on Both Sides of the Meter
- Solar energy storage systems Benefits and options in Australia - Solar Choice
- SUFG Energy Storage Report
- TM04-1569623959
- Tzhang

Folder 2

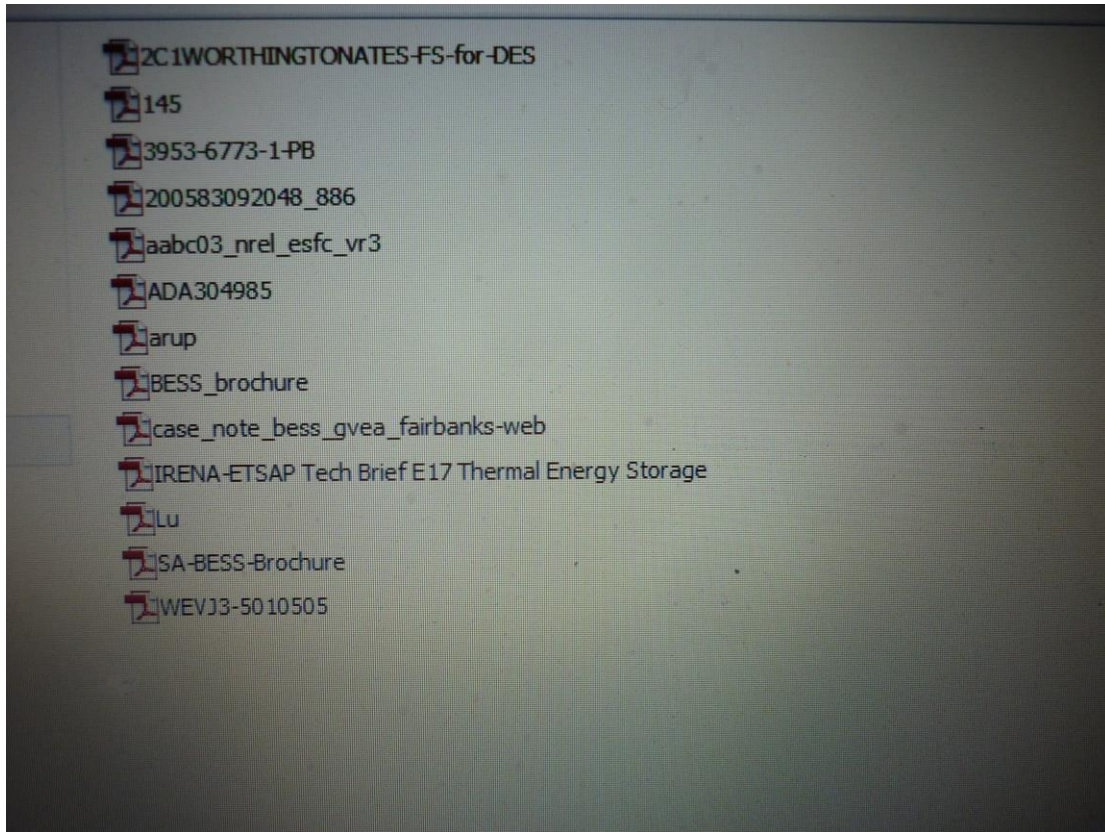
- d912f50cbab7a88372
- Electricity Storage and RE for Island Power
- Energy Storage Study
- energy storage systems
- How energy storage is transforming the electric power system
Renew Economy
- InTech-
Analysis_and_control_of_flywheel_energy_storage_systems
- InTech-Compressed_air_energy_storage
- InTech
Dynamic_energy_storage_management_for_dependable_renewabl
e_electricity_generation
- InTech-
Dynamic_modelling_of_advanced_battery_energy_storage_system
_for_grid_tied_ac_microgrid_applications

- InTech-Electrochemical_energy_storage
- InTech-Estimation_of_energy_storage_and_its_feasibility_analysis
- InTech-Hybrid_energy_storage_and_applications_based_on_high_power_pulse_transformer_charging
- InTech-In_situ_dynamic_characterization_of_energy_storage_and_conversion_systems
- InTech-Low_voltage_dc_system_with_storage_and_distributed_generation_interfaced_systems
- InTech-Single_and_double_switch_cell_voltage_equalizers_for_series_connected_lithium_ion_cells_and_supercapacitors
- InTech-Techno_economic_analysis_of_different_energy_storage_technologies
- InTech-The_future_of_energy_storage_systems
- SAND2012-9422
- SUFG Energy Storage Report

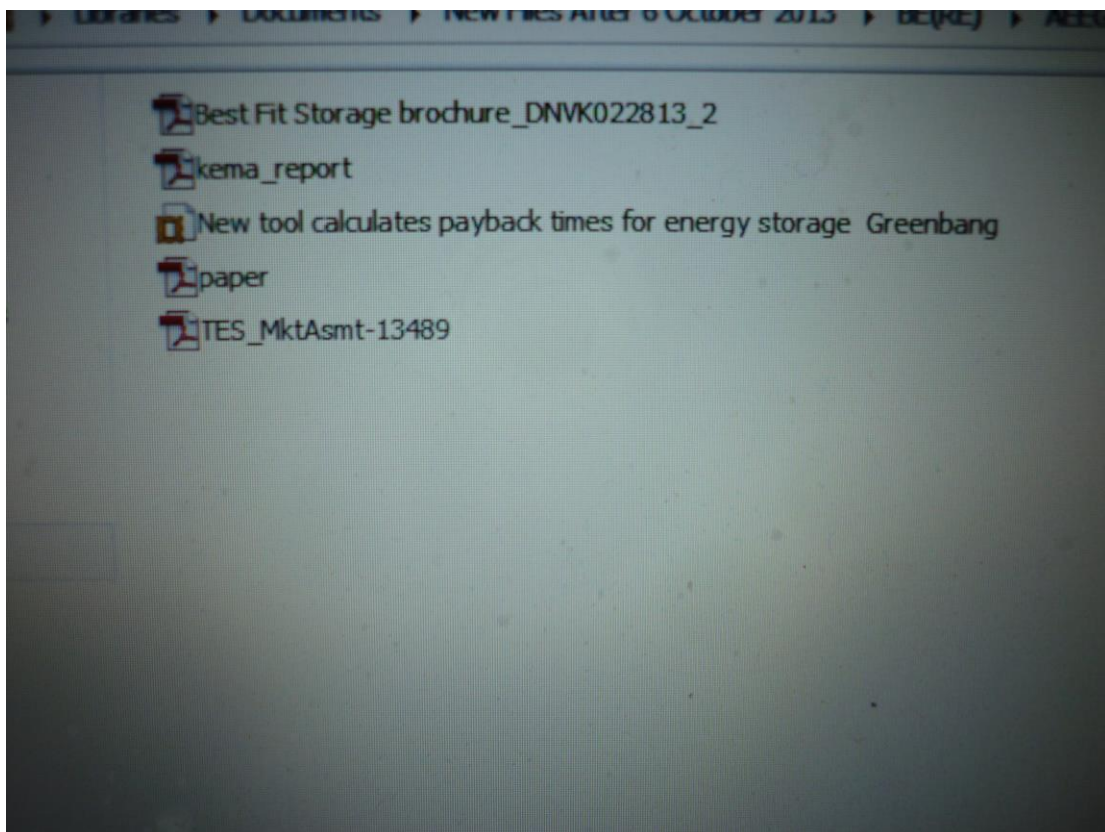
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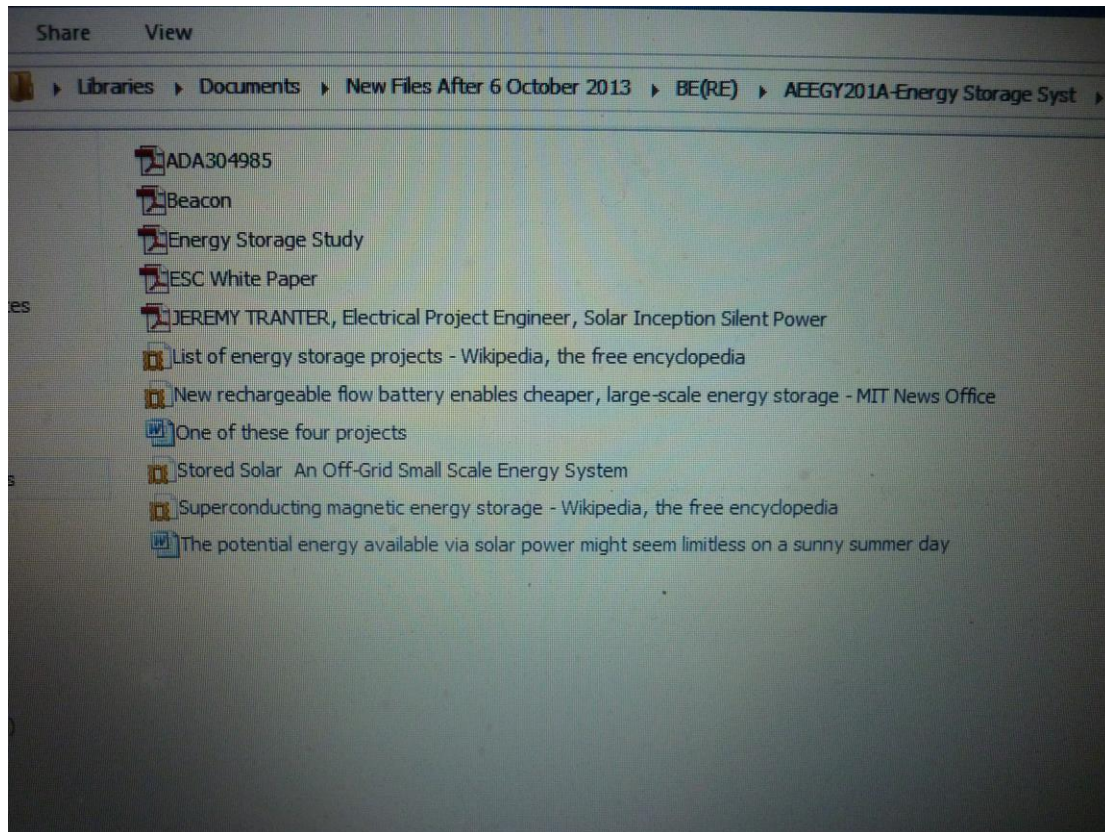
Folder 4



Folder 5



Folder 6



PART (2)

REFERENCE TEXT BOOKS & WEEKLY –LESSONS AT ASSOCIATE DEGREE LEVEL (SELF STUDY)

TEXT BOOK- Textbooks can be copied from USBs & DVD.

Prescribed Texts:

Brunet, Y, 2010, *Energy Storage*, John Wiley & Sons UK.