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Nota di contenuto	Intro -- ENERGY RESEARCH DEVELOPMENTS:TIDAL ENERGY, ENERGY EFFICIENCYAND SOLAR ENERGY -- CONTENTS -- PREFACE -- MULTIPLE EFFECT DISTILLATION OF SEAWATERWATER USING SOLAR ENERGY - THE CASEOF ABU DHABI SOLAR DESALINATION PLANT -- Abstract -- 1. Introduction -- 2. History of Abu Dhabi Solar Desalination Plant -- 3. Description of Abu Dhabi Solar Desalination Plant -- 3.1. Plant Description -- 3.1.1. The Solar Heat Collector Subsystem -- 3.1.2. The Heat Accumulator Subsystem -- 3.1.3. MED Evaporator Subsystem -- 3.2. Design Features -- 4. Measurements and Data Acquisition System -- 4.1. Measuring the Heat Collected in Block F -- 5. Data Analysis -- 5.1. Calculating the Solar Radiation on Absorber Plate -- 5.2. Calculating the Amount of Heat Collected and Collector Outlet WaterTemperature -- 5.3. Calculating the Performance of the Evaporator -- 5.3.1. Calculating the Brine Concentration for Each Effect -- 5.3.2. OHTC of Heater (First Effect) -- 5.3.3. Average OHTC of Other Evaporator Effects -- 5.3.4. Average OHTC of Preheaters -- 5.3.5. OHTC of Condenser -- 5.3.6. Evaporator Economy -- 6. Weather Condition in Abu Dhabi -- 7. Operating Characteristics -- 7.1. Heat

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