

Renewvia Energy Corporation, a leading global solar developer, has installed and connected five new communities in the Niger Delta region to its solar-powered, rural electrification mini-grids. With these new connections, Renewvia Solar Nigeria Ltd., the Nigerian subsidiary of Renewvia Energy now serves over 10,000 individuals and businesses in ...

utilization in this country specifically in the Niger Delta region. Solar water pumping is one of the most widely used solar energy applications all over the world today, with thousands of solar-powered water pumping systems installed both in developed and developing countries (Abu-Aligah, 2011; Abdourraziq et al, 2013; and

develop an equation that correlates monthly daily global solar radiation on horizontal surface for Uyo, Niger Delta Region. 2.0 THEORETICAL BACKGROUND The most widely and convenient by used correlation for predicting solar radiation was developed by Angstrom and later modified by Prescott. The expression is given by (27) =+

Solar-powered energy usage is not new to the world, as it is used to power devices, homes, and offices. Solar street lights will serve the same purpose, and the unparalleled quality and high efficient ability of solar light make it the best choice for the Lighting Up the Niger Delta project undertaken by NDDC.

NDDC Projects have touched the lives of many in the Niger Delta Region. Intervening by bringing relief to remote communities 2,977 Solar water and Solar projects since 2015, reaching disconnected communities. ... Solar water and Solar projects ...

President Bola Tinubu has approved the appointment of a new management team for the Niger Delta Power Holding Company (NDPHC) to be headed by Engineer Jennifer Adighije as the Managing Director ...

This paper presents an assessment of solar energy resources in Niger Delta case study of Port Harcourt and Yenagoa. The use of alternative sources of electricity is gaining popularity in different ...

A group, Youths and Environmental Advocacy Centre (YEAC-Nigeria) has electrified Umuolu community with a sustainable solar power system, marking a significant milestone in the fight against energy poverty and environmental degradation in the Niger Delta. Umuolu community in Ndokwa East Local Government Area of Delta State, previously plagued ...

Across the Niger Delta, where dark mangroves intertwine with winding waterways, a wondrous transformation is taking place. Spearheaded by the Niger Delta Development Commission (NDDC), under the visionary ...

Chapter 2: SDN's solar lantern pilot project 11 Chapter 3: Approach to evaluation 21 Chapter 4: Exploring the enabling environment and socio-cultural context for solar lantern distribution in the Niger Delta 28 Chapter 5: Identifying our stakeholders and "value proposition" 34

Geospatial Analysis and Modelling of Oil Spill in the Niger Delta, Nigeria. ... DEFORMATION MONITORING AND ANALYSIS OF OSHIE FLOWSTATION SOLAR TURBINE FOUNDATION USING GEOMATIC TECHNIQUE WITHOUT SSI EFFECT. S EKE, I JONAH. International Journal of Applied Science and Research 3 (6), 1-8, 2020.

To ameliorate the low availability of electrical power and poor water supply conditions experienced by rural dwellers in the Niger Delta region. A mobile standalone, solar-powered water pumping system was designed, fabricated, and tested to make use of ...

Ex-agitators in the Niger Delta and Civil Society Groups have said the solar streetlights initiated by the Dr Samuel Ogbuku-led Niger Delta Development Commission have reduced criminality in the ...

The Youths and Environmental Advocacy Centre (YEAC-Nigeria), has commissioned a 90.12kwh capacity solar mini-grid electricity facility in Umuolu community, Ndokwa East Local Government Area of Delta State.

Key words: Crust-mantle, conductivity-depth structure, electrical conductivity, Niger Delta, solar quiet (Sq) day current, spherical harmonic analysis (SHA). INTRODUCTION The systematic flow of varying electric current in the part of the Earth's upper atmosphere (ionosphere) gives rise to magnetic field which in turn induces electric current in

Kenya [57] Provided a design for solar-power operated water pumping system for water provision in Niger Delta. Nigeria [24] Provided an energy and operational cost optimization model for seawater ...

The Youths for Environmental and Advocacy Centre (YEAC-Nigeria) has launched a solar off-grid project to provide electricity solution to communities without power in the Niger Delta region.

Yenagoa City in the Niger Delta region of Nigeria. The study also help us to make decision in harnessing solar energy from the Niger Delta region particularly Port Harcourt and Yenagoa city. The scope of this study is the assessment of solar energy resource in Niger Delta: case study of Port Harcourt and Yenegoa.

The Managing Director of Niger Delta Development Commission (NDDC), Dr. Samuel Ogbuku, has said the commission is undertaking an ambitious project of lighting up Niger Delta communities with solar ...

6 ???&#0183; Darkness has departed from many communities in the Niger Delta region following the installation of solar-powered streetlights by the Niger Delta Development Commission, NDDC.

The downward increase in conductivity agrees with the global models which depicted a steep rise in conductivity from 300 to 700 km. Key words: Crust-mantle, conductivity-depth structure, electrical conductivity, Niger Delta, solar quiet (Sq) day ...

PIND's Access-to-Energy interventions will be immensely beneficial to the rural (riverine) communities of the Niger Delta, as there is a natural focus on traditionally recognised rural livelihoods sectors such as fishing and MSME's, as well as household level energy demand with a potentially large reach of rural populations ...

Challenge: "Darway Coast identified two villages in Etche LGA in River State in Nigeria's Niger Delta region without access to electricity." This situation is indicative of the broader energy access crisis in Nigeria, particularly in remote and underserved areas, which hampers economic growth and educational opportunities. Action: Recognizing this critical need, Darway ...

NDDC Eyes Investment in Solar Power and Carbon Credits to Combat Climate Change The Managing Director of the Niger Delta Development Commission, NDDC, Dr. Samuel Ogbuku, has announced significant ...

NDDC Projects have touched the lives of many in the Niger Delta Region. Intervening by bringing relief to remote communities 2,977 Solar water and Solar projects since 2015, reaching disconnected communities. ... Solar water and ...

Figure 9 Solar radiation in four cities in Niger 19 Figure 10 Niger Solar Irradiation (resolution 3 km) 20 Figure 11 Installed PV capacity in 2012 2 1 Figure 12 Wind speed in four Niger cities at 10m height 22 Figure 13 Wind Speed at 50 m height in Niger 23 Figure 14 Cumulative cash flow and payback period 35 ...

