Bangladesh Clean Energy Summit:
Organized by IDCOL,
Dhaka, Bangladesh (10 - 11 March 2019)

POTENTIAL FOR
ENERGY SAVINGS IN
WATER PUMPING SYSTEM

A PRESENTATION BY-
SHAKTI PUMPS (I) LTD
PITHAMPUR – MADHYA PRADESH - INDIA
# 1: A SUCCESS STORY IN SENEGAL

Play Video
Prosperity and Happiness at Tivouane Peulh Farm, after Installation of Shakti Solar Pumps Since Nov.2017
COST ADVANTAGE SOLAR V/S DIESEL IN SENEGAL

Savings by Shakti Solar Powered Pump of 7.5 HP over old Diesel Driven Pump of 10 HP for Irrigation of 4 Hectare land at Tivouane Peulh Farm, SENEGAL

<table>
<thead>
<tr>
<th>S. NO.</th>
<th>PARTICULARS</th>
<th>CFA</th>
<th>USD</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Diesel cost per day (Consumption 30 Liter per Day @ 550 CFA per Liter)</td>
<td>16500</td>
<td>30</td>
</tr>
<tr>
<td>A</td>
<td>Cost of Diesel per Year (Running 240 days)</td>
<td>3960000</td>
<td>7200</td>
</tr>
<tr>
<td>B</td>
<td>Approx. Maintenance cost for Generator per year</td>
<td>275000</td>
<td>500</td>
</tr>
<tr>
<td>C</td>
<td>Transportation &amp; Manpower cost to get the Diesel</td>
<td>275000</td>
<td>500</td>
</tr>
<tr>
<td>D</td>
<td>Total running cost of Diesel Pump-set per year (B+C+D)</td>
<td>4510000</td>
<td>8200</td>
</tr>
<tr>
<td>E</td>
<td>Yearly savings with Solar System in CFA/ USD</td>
<td>4510000</td>
<td>8200</td>
</tr>
</tbody>
</table>

Cost of installed solar irrigation pumping system is $20274 & PAYBACK IN 2.5 YEARS only with free of cost operation over the next 10 years in addition to total savings of $82000
FOOD SECURITY THROUGH ENERGY EFFICIENT
SOLAR POWERED IRRIGATION SYSTEMS

# 2 : A SUCCESS STORY IN
INDIA

A PRESENTATION BY-

SHAKTI PUMPS (I) LTD
PITHAMPUR - MADHYA PRADESH - INDIA
PRESTIGIOUS INSTALLATIONS IN THE STATE OF CHHATTISGARH - INDIA

Shakti Solar Pump distribution to farmers by Hon. Prime Minister of INDIA in Raipur, CG.
A SUCCESS STORY: Solar Water Pumping System in India
Associate with a leader in SOLAR PUMP INDUSTRY
Associate your name with success.

Thank You!

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