

# Point Fortin South Western Chamber of Industry & Commerce



# 1<sup>ST</sup> SOUTH WESTERN ENERGY SYMPOSIUM

Paria Suites, La Romaine  
Wednesday February 16, 2011

# Overview of Proposed Industries for The Union Industrial Estate

- Stakeholders – NEC, New Companies, Workers, Communities
- NEC development areas
- Gas Allocation Criteria
- Proposed New Industries

**“The National Energy Corporation of Trinidad and Tobago Limited (NEC) is a strong and viable company with 28+ years' experience in project development, construction, operation and management of the industrial estates, ports and marine infrastructure that serve Trinidad & Tobago's energy industries...”**

- **Estate Development**
- **Business Development**
- **Towage & Harbor Operations**
- **Marine Terminal Operations**

# NEC

- **2004**

NEC started developing 300ha of land comprising the old Brighton, Vessigny, UBOP and Antilles Oil Fields

- **2008 – 2011**

Brighton Port and Harbour were upgraded by the NEC



# GAME CHANGING EVENT IN GAS ALLOCATION



# New Proposed Industries

- **Downstream aluminium manufacture without a smelter component** –
  - rods, cables, billets, bars, tubing, foil, wheels, etc...
- **Silica** smelting and glass manufacture
- **Photovoltaic Cell** manufacture
- **Melamine** manufacture
- **Polypropylene** manufacture
- **Ship** building and repair

# SOME ALTERNATIVE INDUSTRIES

<b>Silcon plant (10,000 tpa)</b>	<b>Capex:</b> 120 MMUSD <b>Jobs:</b> 500/800 <b>Electricity consumption:</b> 140 MWh
<b>Float glass (1000 mtpd)</b>	<b>Capex:</b> 330 MMUSD <b>Jobs:</b> 300/1000 <b>Electricity consumption:</b> 10 MWh
<b>Photo Voltaic cell/module 11000 MWp/yr</b>	<b>Capex:</b> 1250 MMUSD <b>Jobs:</b> 1750/3000 <b>Electricity consumption:</b> 60 MWh
<b>Photo Voltaic thin film 1000 MWp/yr</b>	<b>Capex:</b> 800 MMUSD <b>Jobs:</b> 2000 <b>Electricity consumption:</b> 15 MWh



# So Where do We Go From Here?

## Analysis for future development

- Economic
- Environmental
- Social
- Consultations
- Feedback & Recommendations

# Input into National Energy Policy Consultation