

The background of the slide is a light gray gradient with several realistic water droplets of various sizes scattered across it. The droplets have highlights and shadows, giving them a three-dimensional appearance.

MEETING GOVERNMENT'S 2030 100% RE TARGET: WHERE WE ARE & WHAT ARE THE OPPORTUNITIES FOR GROWTH

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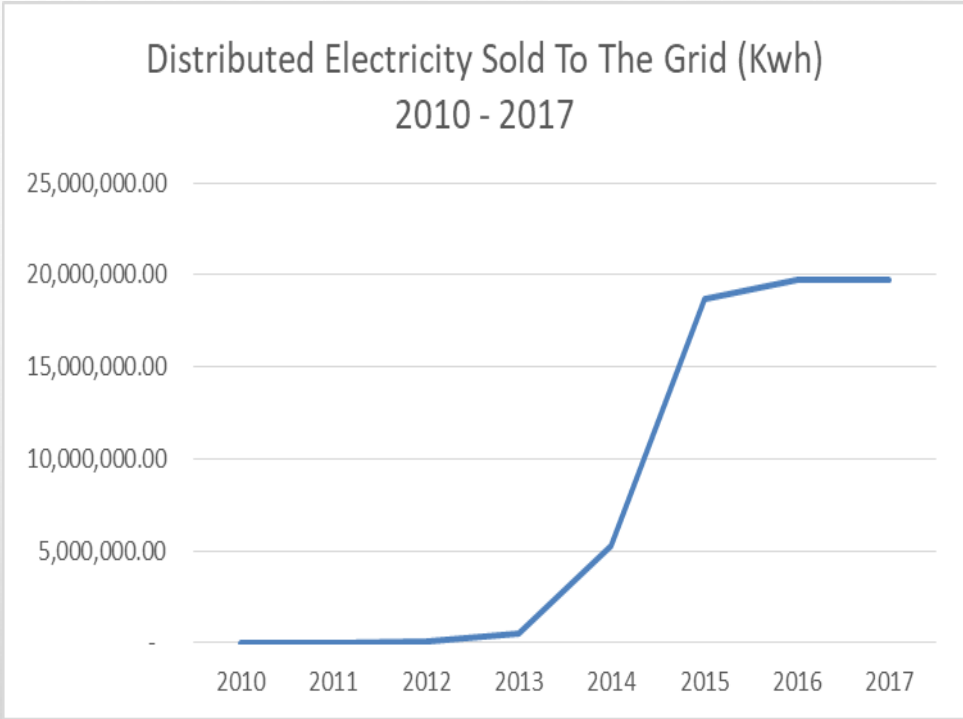
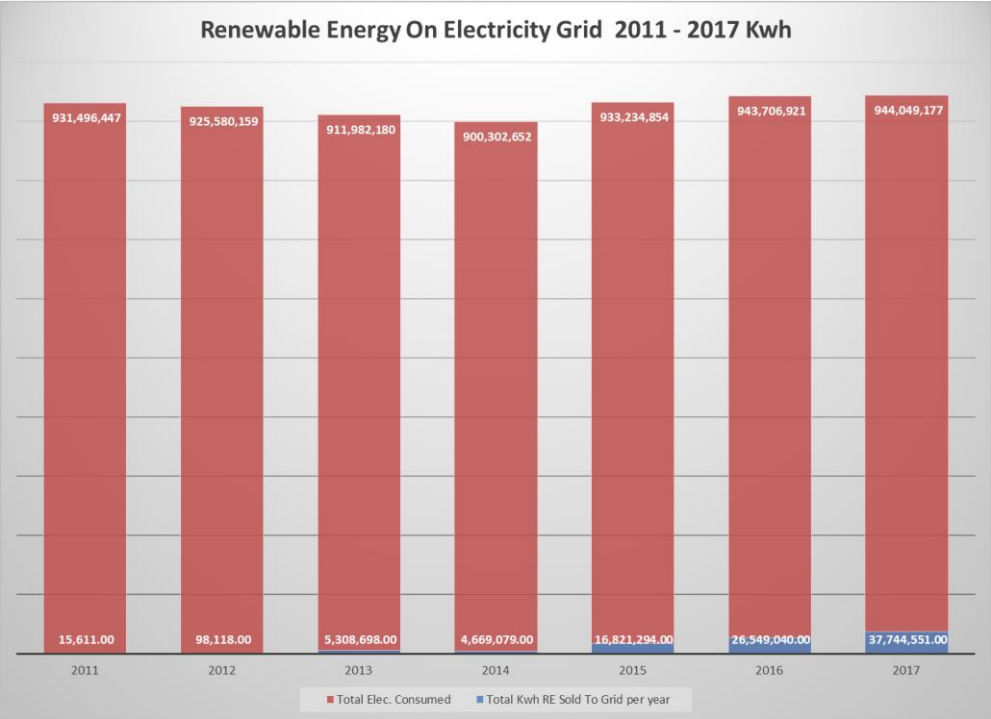
MINISTRY OF ENERGY AND WATER RESOURCES

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CURRENT ENERGY SITUATION

- AVERAGE DAILY SUPPLY OF ENERGY DURING THE PERIOD 2006 TO 2015 IS ESTIMATED TO BE 11 654 BARRELS.
- ENERGY CONSUMPTION IS BASED ON 96% FOSSIL FUEL.
- LOCAL SUPPLY REPRESENT 8% OF TOTAL SUPPLY.
- SOLAR WATER HEATING HAS A DOMESTIC PENETRATION OF 33%.
- ELECTRICITY SALES FROM SOLAR PV INCREASED BY 0.01% OVER THE PERIOD 2017.
- SOLAR ELECTRICITY SALES REPRESENT ONLY 3.8% OF TOTAL ELECTRICITY SUPPLY FROM 27MW AS AT 2017.

RENEWABLE ENERGY SOLD TO THE GRID



BUSINESS AS USUAL

- DURING THE LAST 10 YEARS ONLY 3.8% OF RENEWABLE IS SOLD TO THE GRID;
- SOLAR PHOTOVOLTAICS DOMINATES THE RENEWABLE ENERGY SOLD TO GRID;
- VERY LOW DIVERSITY OF RENEWABLE ENERGY TECHNOLOGY SOLD TO THE GRID;
- LOW PRICE CERTAINTY;
- LOW INVESTOR CONFIDENCE;

ENERGY POLICY

- DEVELOPMENT OF A NATIONAL ENERGY POLICY TO:
 - BY 2030, TRANSITION BARBADOS TO THE FIRST 100% GREEN AND CARBON NEUTRAL ISLAND-STATE IN THE WORLD;
- THIS WILL MEAN POWERING ENERGY CONSUMPTION FOR BUILDINGS AND TRANSPORTATION;
- THIS WILL MEAN MOVING FROM CURRENT ELECTRICITY CONSUMPTION FOR 944 GWH/YEAR TO APPROXIMATELY 2000 GWH/YEAR TO 2400 GWH/YEAR;

SUSTAINABLE INVESTMENT OPPORTUNITIES

- DIVERSIFY PRODUCTION OF ENERGY FROM APPROX. 545MW TO 550MW:
 - SOLAR;
 - WIND;
 - BIOMASS;
 - WASTE-TO-ENERGY;
 - BIOGAS;
 - BIODIESEL.
- THE CAPITAL COST OF THE POLICY
 - BDS\$2.4 BILLION TO BDS\$3.0 BILLION
- ANNUAL AVERAGE ECONOMIC PROFITS:
 - BDS\$ 2.0 BILLION TO BDS\$2.5 BILLION

CURRENT ACTIONS TO ADVANCE RENEWABLE ENERGY

- PROPOSALS TO ESTABLISH A METHODOLOGY TO IMPLEMENT FEED-IN-TARIFFS ARE CURRENTLY BEFORE KEY PUBLIC STAKEHOLDERS;
 - FEED-IN-TARIFFS ARE BEING PROPOSED AS THE MARKET SIZE IS CONSIDERED TO BE TOO SMALL TO ALLOW OTHER APPROACHES SUCH AS AN AUCTION METHODOLOGY;
 - FEED-IN-TARIFFS ALLOW FOR A MORE TRANSPARENT AND PREDICTABLE PRICING APPROACH;
 - FEED-IN-TARIFFS ALLOW FOR MORE STABLE PRICING FOR RENEWABLE ENERGY.
- ESTABLISH A UTILITY LICENSING REGIME THAT PROMOTES A DIVERSIFIED MARKET WITH OPPORTUNITIES TO INCREASE THE NUMBER OF PLAYERS.

CONCLUSION

- TO ENCOURAGE SOUND, PRACTICAL AND TIMELY INVESTMENT IN THE ENERGY SECTOR, THE FOLLOWING IS NECESSARY:
- ESTABLISH RULES TO GUIDE LOCAL AND OVERSEAS DEVELOPERS ON REQUIREMENTS FOR INVESTING IN BARBADOS' ENERGY SECTOR.
- DEVELOP LOCAL INVESTMENT AND OWNERSHIP WITHIN THE RENEWABLE ENERGY SUB-SECTOR WHERE FEASIBLE.
- PROMOTE FOREIGN/LOCAL PARTNERSHIPS FOR INVESTMENT WITHIN THE ENERGY SECTOR.
- BUILD A BUSINESS ENABLING FRAMEWORK (PRIVATE, PUBLIC, INTERNATIONAL AND CIVIL SOCIETY) THAT ALLOWS FOR TIMELY AND EASY ESTABLISHMENT OF OPERATIONS.
- IMPROVE THE FLOW OF INFORMATION WITHIN THE ENERGY SECTOR TO ENSURE ACCESS TO ALL AVAILABLE SOURCES OF FINANCING.
- ENSURE THAT A PROCESS IS IN PLACE FOR GOVERNMENT TO FACILITATE THE ACCEPTANCE OF RENEWABLE ENERGY PROPOSALS AND THE FINANCING REQUIRED TO IMPLEMENT A PROJECT.