



Outage Name: System Outage – Central & South Eleuthera

Date of Outage: 30 July 2017

Time of Outage: 21:35 hrs

Outage Duration: 11hrs 45min (max)

<p>Geographic Area Affected By The Outage</p>	<ol style="list-style-type: none"> 1. Central Eleuthera (Rainbow Bay, James Cistern, Governors Harbour, Palmetto Point, Savannah Sound) 2. South Eleuthera (Green Castle, Wemyss Bight, Waterford, John Millers, Bannerman Town, Deep Creek, Cape Eleuthera)
<p>Number Of Active Meters Affected By The Outage (Approximate)</p>	<p>3,000 (at outage peak). This number would have been systematically reduced during the restoration process.</p>
<p>Cause Of Outage</p>	<p>Outage was initiated by an external fault on the Distribution system due to heavy lightning in the Central Eleuthera Area. The fault triggered a W2 Negative Sequence Over Current Alarm that tripped the South Feeder Circuit out of the Hatchet Bay Plant 13.8kV Board</p>
<p>Steps Taken To Restore Service To The Affected Area</p>	<p>An emergency repair crew conducted an initial patrol and discovered a broken conductor in James Cistern on the 34.5kV overhead line. Repairs were delayed due to heavy lightening and severe weather conditions.</p> <p>Repairs were later completed and power restored to customers in Rainbow Bay and James Cistern, and Governors Harbour North at approx. 6:30am. Power was restored to customers in Governors Harbour Town at 8:30am.</p> <p>Another broken conductor was discovered in Palmetto Point on the 34.5kV overhead line. Repairs were completed and power restored to customers in Palmetto Point, Savannah Sound, Green Castle, Wemyss Bight, Waterford, John Millers, Bannerman Town, Deep Creek, Cape Eleuthera) at 9:20am.</p>
<p>Time Taken for Restoration of Service</p>	<p>21:35 to 6:30 (9hrs 5min) Rainbow Bay, James Cistern, Governors Harbour North</p> <p>21:35 to 8:30 (11hrs 5min) Governors Harbour</p> <p>21:35 to 9:20 (11hrs 45min) Palmetto Point, Savannah Sound, Green Castle, Wemyss Bight, Waterford, John Millers, Bannerman Town, Deep Creek, Cape Eleuthera</p>

