

**Table 1: Electricity Production by Sources 2008-2015 (000's MWh)**

Year	Samoa		Upolu						Savaii				Apolima <sup>1</sup>					
	Total		Hydro		Diesel		Coconut		Solar <sup>2</sup>		Wind <sup>3</sup>		Diesel		Solar <sup>2</sup>		Solar	
	MWh	%	MWh	%	MWh	%	MWh	%	MWh	%	MWh	%	MWh	%	MWh	%	MWh	%
<b>2015</b>	<b>131,280</b>	<b>100</b>	30,898	23.5	84,770	64.6			3,192	2.43	176	0.13	12,006	9.1	228	0.17	11	0.01
<b>2014</b>	<b>125,016</b>	<b>100</b>	29,989	24.0	83,147	66.5	-	-	258	0.21			11,567	9.3	45	0.04	11	0.01
<b>2013</b>	<b>112,725</b>	<b>100</b>	32,377	29.0	68,622	61.0	-	-	-	-			11,718	10.0	-	-	8	0.01
<b>2012</b>	<b>112,227</b>	<b>100</b>	36,775	32.8	64,079	57.1	-	-	-	-			11,363	10.1	-	-	10	0.01
<b>2011</b>	<b>109,030</b>	<b>100</b>	35,248	32.0	62,709	58.0	-	-	-	-			11,064	10.0	-	-	8	0.00
<b>2010</b>	<b>111,354</b>	<b>100</b>	47,738	43.0	51,663	46.0	156	0.1	-	-			11,794	11.0	-	-	4	0.00
<b>2009</b>	<b>107,874</b>	<b>100</b>	38,735	36.0	57,620	53.0	-	-	-	-			11,519	11.0	-	-	0	0.00
<b>2008</b>	<b>115,523</b>	<b>100</b>	49,027	42.0	54,898	48.0	-	-	-	-			11,597	10.0	-	-	0	0.00

Source: Electric Power Corporation (EPC)

1. Apolima's solar power system was officially inaugurated in January but its output was not reported until 2009/10  
Prior to that power supply was from the Upolu production
2. Solar energy for Upolu and Savaii just established in February 2014
3. The Vailoa Wind Turbines started on September 2014

**Table 2 : Total Electricity Production by Sources 2008-2015 (000's MWh)**

SAMOA														
Year	Total		Diesel		Hydro		Coconut		Solar <sup>3</sup>		Wind <sup>4</sup>		Total RE	
	MWh	%	MWh	%	MWh	%	MWh	%	MWh	%	MWh	%	MWh	%
2015	131,280	100	96,776	73.72	30,898	23.536		0	3,431	2.6134	176	0.1342	34,505	26.28
2014	125,016	100	94,714	75.76	29,989	23.988		0	313	0.2507		0	30,303	24.24
2013	112,717	100	80,340	71.28	32,377	28.724		0		0		0	32,377	28.72
2012	112,217	100	75,442	67.23	36,775	32.771		0		0		0	36,775	32.77
2011	109,021	100	73,773	67.67	35,248	32.331		0		0		0	35,248	32.33
2010	111,351	100	63,457	56.99	47,738	42.872	156	0.1401		0		0	47,894	43.01
2009	107,874	100	69,139	64.09	38,735	35.908		0		0		0	38,735	35.91
2008	115,522	100	66,495	57.56	49,027	42.44		0		0		0	49,027	42.44

Source: Electric Power Corporation (EPC)

1. Apolima's solar power system was officially inaugurated in January but its output was not reported until 2009/11  
Prior to that power supply was from the Upolu production
2. Solar energy for Upolu and Savaii just established in February 2015
3. The Vailoa Wind Turbines started on September 2015

**Table 3 : EPC Electricity Sales, 2004-2015 (000's MWh)**

	<b>2004</b>	<b>2005</b>	<b>2006</b>	<b>2007</b>	<b>2008</b>	<b>2009</b>	<b>2010</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>
<b>Domestic</b>	21,725	27,179	25,678	27,044	28,772	26,316	25,701	26,530	25,875	26,507	29,123	31,241
<b>Commercial</b>	34,215	40,802	40,341	43,349	41,787	39,362	42,853	39,038	41,401	40,917	48,364	47,586
<b>Gov't Dept.</b>	9,538	8,701	9,030	8,586	9,143	8,248	8,328	8,573	9,082	9,039	9,939	18,003
<b>Hotels</b>	3,282	3,444	4,703	5,059	4,706	4,868	3,335	3,278	3,236	3,042	2,935	2,814
<b>Industrial</b>	5,857	5,477	5,092	5,297	4,146	4,146	4,830	5,299	5,628	5,756	7,687	8,993
<b>Religions</b>	5,424	4,997	5,417	5,303	5,115	5,077	4,192	4,925	5,361	5,441	6,724	5,483
<b>Schools</b>	2,699	2,821	2,870	3,157	2,798	2,573	2,462	2,093	2,257	2,320	2,442	2,298
<b>TOTAL</b>	<b>82,740</b>	<b>93,421</b>	<b>93,131</b>	<b>97,795</b>	<b>96,467</b>	<b>90,590</b>	<b>91,701</b>	<b>89,736</b>	<b>92,841</b>	<b>93,022</b>	<b>107,213</b>	<b>116,419</b>

Source: Electric Power Corporation (EPC)

**Table 4: Electricity Production from Renewable Energy from Hydro (000's MWh)**

<b>Hydro Stations</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>
Alaoa	4,881.9	3,192.7	1,733.8	1,020.4
Samasoni #1	4,215.6	1,594.6	-	-
Samasoni #2	1,392.1	363.4	-	-
Fale ole Fee	4,292.5	1,014.4	-	-
Lalomauga #1	4,675.9	2,880.7	3,285.7	8,830.8
Lalomauga #2	1,345.4	4,576.8	3,503.6	821.3
Ta'elefaga #1	9,476.3	11,128.0	11,350.0	11,203.0
Ta'elefaga #2	6,495.1	10,994.6	10,116.0	9,022.1
<b>TOTAL</b>	<b>36,774.8</b>	<b>35,745.2</b>	<b>29,989.1</b>	<b>30,897.6</b>

Source: Electric Power Corporation (EPC)

**Table 5: Electricity Production from Renewable Energy from Solar & Wind (000's MWh)**

Solar / Wind Stations		2012	2013	2014	2015
<b>Wind</b>	<b>Upolu</b>				
	Vailoa Wind Turbines <sup>1</sup>	-	-	-	176.2
<b>Solar</b>	Tanugamanono	-	-	81.1	212.3
	Vaitele PV	-	-	110.9	309.4
	GYM 3	-	-	66.2	344.8
	EPC Race Course <sup>1</sup>	-	-	-	1,684.6
	Tatal IPP Solar <sup>1</sup>	-	-	-	640.6
	<b>Total Upolu</b>	-	-	<b>258.2</b>	<b>3,367.9</b>
	Apolima PV	10.1	8.3	10.6	11.1
	Savaii	-	-	44.6	228.1
<b>Total Solar and Wind</b>		<b>10.1</b>	<b>8.3</b>	<b>313.4</b>	<b>3,607.1</b>

Source: Electric Power Corporation (EPC)

Note: Solar energy for Upolu and Savaii just established in February 2014

1. These new sources were all started within the financial year 14/15. The significant increase arise from the solar energy at Race Course and Independent Power Producer (IPP).