



# South Carolina Wind & Hail Underwriting Association 2021 Exposure and Reinsurance

OVERVIEW OF PROGRAM Effective 5-31-21





## Overview

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- SC Wind is the residual market for coastal property insurance in South Carolina
- Further information is available at: [www.scwind.com](http://www.scwind.com)

## Exhibits

1. In-force Exposure Data
2. PML Summary
3. Large Storm Recasts
4. Reinsurance Program




# 1. In-force Exposure Data By County and Zone

In-Force Policies @ 01-31-20					In-Force Policies @ 01-31-21			
County	Policy Count	In-force Premiums	Insured Limits	% of Total in County	Policy Count	In-force Premiums	Insured Limits	% of Total in County
Zone 1								
BEAUFORT	2,499	6,149,972	1,196,218,612	84%	2,255	5,565,676	1,079,233,973	85%
CHARLESTON	1,578	5,915,161	853,136,378	57%	1,397	5,386,158	776,252,048	59%
COLLETON	355	876,377	129,374,482	100%	306	762,838	113,099,870	100%
GEORGETOWN	1,135	3,002,662	477,544,943	70%	996	2,665,286	421,708,061	69%
HORRY	7,588	12,854,492	1,633,245,477	84%	6,926	11,881,595	1,502,850,701	85%
<b>Total Zone 1</b>	<b>13,155</b>	<b>28,798,664</b>	<b>4,289,519,892</b>	<b>76%</b>	<b>11,880</b>	<b>26,261,553</b>	<b>3,893,144,653</b>	<b>76%</b>
Zone 2								
BEAUFORT	571	932,771	226,946,628	16%	480	800,661	195,596,349	15%
CHARLESTON	1,688	3,452,923	631,679,102	43%	1,453	3,017,732	548,650,282	41%
COLLETON	-	-	-	-	-	-	-	-
GEORGETOWN	646	1,051,663	206,697,193	30%	586	958,359	185,818,016	31%
HORRY	1,522	1,854,116	317,310,297	16%	1,335	1,614,512	272,578,425	15%
<b>Total Zone 2</b>	<b>4,427</b>	<b>7,291,473</b>	<b>1,382,633,220</b>	<b>24%</b>	<b>3,854</b>	<b>6,391,264</b>	<b>1,202,643,072</b>	<b>24%</b>
<b>Grand Total</b>	<b>17,582</b>	<b>36,090,137</b>	<b>5,672,153,112</b>	<b>100%</b>	<b>15,734</b>	<b>32,652,817</b>	<b>5,095,787,725</b>	<b>100%</b>




## 2. All Peril Occurrence PML

	1/31/20 Inforce	1/31/21 Inforce
	AIR Touchstone v 7.0	AIR Touchstone v 8.0
1000 yr	1,399,979,272	1,296,088,781
500 yr	1,157,199,304	1,070,390,466
250 yr	844,305,783	784,515,906
150 yr	579,814,425	542,020,965
100 yr	454,162,495	423,601,400
50 yr	270,842,585	257,380,588
25 yr	130,807,541	123,473,914
AAL	22,601,162	21,090,909

\$ US in Ones - Net of QS



## 2. All Peril Occurrence PML (cont'd)

	1/31/20 Inforce	1/31/21 Inforce
	RMS RiskLink v 18.1	RMS RiskLink v 18.1
1000 yr	968,841,368	879,500,336
500 yr	702,519,939	638,308,306
250 yr	474,038,059	431,718,685
150 yr	330,096,966	301,384,072
100 yr	245,517,703	224,353,861
50 yr	134,537,914	123,113,220
25 yr	63,738,279	58,411,077
AAL	12,563,652	11,468,217

\$ US in Ones - Net of QS



## 2. All Peril Occurrence PML (cont'd)

	1/31/20 Inforce	1/31/21 Inforce
	Average Modeled Losses	Average Modeled Losses
1000 yr	1,184,410,320	1,087,794,558
500 yr	929,859,621	854,349,386
250 yr	659,171,921	608,117,295
150 yr	454,955,696	421,702,519
100 yr	349,840,099	323,977,631
50 yr	202,690,250	190,246,904
25 yr	97,272,910	90,942,495
AAL	17,582,407	16,279,563

\$ US in Ones - Net of QS



### 3. Large Storm Recasts

*Based on 1/31/2021 Exposure Data*

#### U.S. Hurricane Historical and Recast Losses - Net of Depop. Quota Share

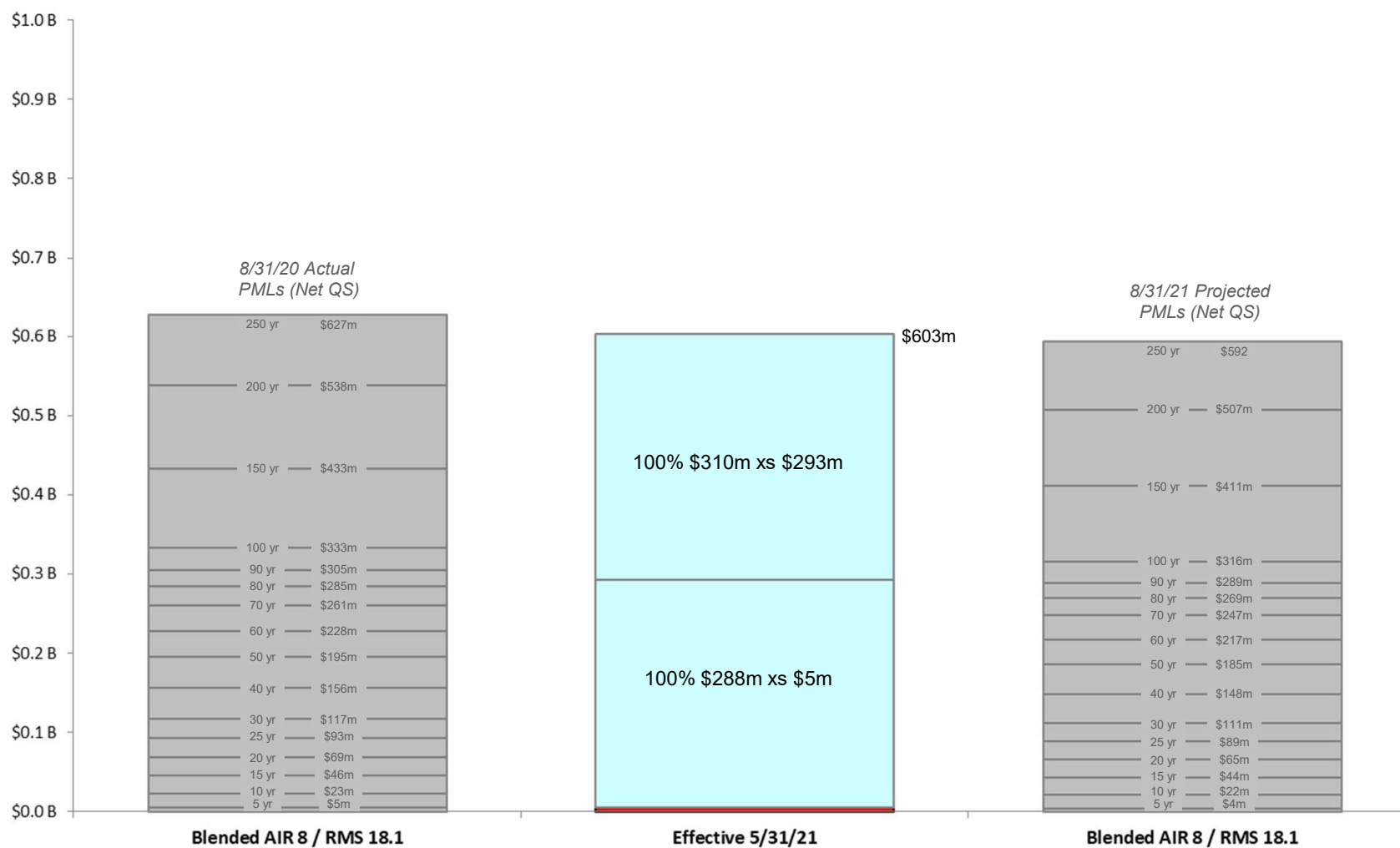
Event	Year	Category	Original SC Wind Loss	PV @ 5% Inflation	Average SC Wind Recast	Client % of Industry
Floyd	1999	RMS Cat 2   AIR Cat 2	5,751,314	16,824,093	3,558,401	0.1%
Fran	1996	RMS Cat 3   AIR Cat 2	-	-	6,058,735	0.1%
Hugo	1989	RMS Cat 4   AIR Cat 4	95,758,066	456,281,580	156,085,895	1.0%
Hazel	1954	RMS Cat 3   AIR Cat 4	-	-	44,526,968	0.2%
Irma	2017	RMS N/A   AIR Cat 3	-	-	311	0.0%
Matthew	2016	RMS Cat 1   AIR Cat 1	16,911,507	21,583,845	16,537,728	0.9%
Hermine	2016	RMS Cat 1   AIR Cat 1	-	-	912,264	0.7%
Wilma	2005	RMS Cat 3   AIR Cat 3	-	-	-	0.0%
Dennis	2005	RMS Cat 3   AIR Cat 3	-	-	-	0.0%
Jeanne	2004	RMS Cat 3   AIR Cat 2	6,689	15,331	-	0.0%
Frances	2004	RMS Cat 2   AIR Cat 1	27,457	62,932	375	0.0%
Charley	2004	RMS Cat 4   AIR Cat 4	2,656,258	6,088,192	3,251,838	0.0%
Opal	1995	RMS Cat 3   AIR Cat 3	-	-	-	0.0%
Andrew	1992	RMS Cat 4   AIR Cat 5	-	-	-	0.0%
Donna	1960	RMS Cat 4   AIR Cat 4	-	-	1,206,651	0.0%
Florida	1926	RMS Cat 4   AIR Cat 4	-	-	-	0.0%

US \$ in ones

\* % of Industry based on trended PCS losses to 2021 dollars



## 4. SC Wind Reinsurance Program







## 4. SC Wind Reinsurance Program (cont'd)

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- Reinsurance Program overseen by SC Wind Reinsurance Committee
- All Reinsurers rated A. M. Best or S&P A- or better or have collateralized their liability.
- Pre-Paid Reinstatements
- There is a Facultative Program that assumes 100% of select risks
- Exposure and PML estimates for the 2021 Hurricane Season are relatively flat
- SC Wind Uses a 50/50 Blend of AIR and RMS to Determine PML's
- Broker Of Record: Aon (Stamford, CT)

## Questions

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Please direct questions to Executive Director Smitty Harrison at: [smitty@scwind.com](mailto:smitty@scwind.com)

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