



## 8. Capital Adequacy Ratio : CAR

The company has policy to maintain Capital Adequacy Ratio (CAR) not lower than 300% to keep competitive advantage from reinsurance credit risk charge. OIC' RBC framework has defined the lowest 1.6% reinsurance credit risk charge for domestic reinsurer who maintains Capital Adequacy Ratio: CAR not lower than 300%, which equal to AAA-rated off-shore reinsurer.

As of 31 December 2022, the company has 1,171.90 MB. of Total Capital Available: TCA and 338.76 MB of Total Capital Required: TCR which resulting in 345.94% of Capital Adequacy Ratio: CAR.

### Risk Based Capital phase 2: RBC2

The Office of Insurance Commission (OIC) has implemented Risk Based Capital (RBC) regulations to ensure that the insurance company has sufficient capital to cover risks arising from the business which varied by character, size and complexity of the company.

At the end of 2019, The Office of Insurance Commission (OIC) developed the capital regulation to Risk Based Capital phase 2 (RBC2) In order to better reflect risks of insurance company which vary between companies. The adequacy of capital measured by the Capital Adequacy Ratio (CAR) of Risk Based Capital 2 (RBC2), calculated as below

$$\text{Capital Adequacy ratio: CAR} = \frac{\text{Total Capital Available: TCA}}{\text{Total Capital Required: TCR}}$$

- Total Capital Available: TCA represents the fair value adjusted of shareholders' equity corresponding to the OIC's requirements.
- Total Capital Required : TCR represents the amount of capital required in order to cover risks arising from business activities, consisting of 6 key risks;
  - 1) Insurance risk
  - 2) Market risk
  - 3) Credit risk
  - 4) Concentration risk
  - 5) Surrender risk
  - 6) Operational risk

The OIC required the insurance company to maintain CAR not lower than and 140%. The Company has policy to maintain CAR above 300% to keep competitive advantage from reinsurance credit risk charge as RBC model required the insurance company to hold the capital to cover reinsurance credit risk. Considering to this requirement, if the insurance company make outward reinsurance to domestic reinsurer who has CAR not lower



**THAIRE LIFE ASSURANCE PUBLIC COMPANY LIMITED**

than 300%, the insurance company will be allowed to hold the capital at the lowest level of risk charge 1.6%, equal to making outward reinsurance with the AAA-rated off-shore reinsurer.

Reinsurance Credit Risk Charge

Risk Grade	Counter party					Risk Charge (%)
	Domestic (% CAR)	Off-Shore (Credit Rating)				
		S&P	Moody's	Fitch	A.M. Best	
1	> 300	AAA	Aaa	AAA	A++	1.6
2	> 200	AA+	Aa1	AA+	A+	2.8
	and	AA	Aa2	AA		
	> 300	AA-	Aa3	AA-		
3	> 150	A+	A1	A+	A A-	4
	and	A	A2	A		
	< 200	A-	A3	A-		
4	< 150	BBB+	Baa1	BBB+	B++ B+	8
		BBB	Baa2	BBB		
		BBB-	Baa3	BBB-		
5		BB+	Ba1	BB+	B B-	15
		BB	Ba2	BB		
		BB-	Ba3	BB-		
6		B+	B1	B+	C++ C+	25
		B	B2	B		
		B-	B3	B-		
7		CCC+ or Below	Caa1 or Below	CCC+ or Below	C or Below	48.5

Source: Office of Insurance Commission

Unit : Million

Items	Value as 31 December	
	Y 2022	Y 2021
Total Assets	2,704.75	2,660.79
Total liabilities	1,465.88	1,379.29
- Reinsurance contract liabilities	1,121.64	1,199.48
- Other liabilities	344.24	179.81
Shareholders' equity	1,238.87	1,281.50



Unit : Million

Items	Value as 31 December	
	Y 2022	Y 2021
Common Equity Tier 1 (CET1 Ratio)	345.94	338.06
Tier 1 Ratio	345.94	338.06
Capital Adequacy Ratio : CAR (%)	345.94	338.06
Total Capital Available : TCA	1,171.90	1,162.04
Total Capital Required : TCR	338.76	343.74

- Note:
- OIC assigns to define, specific, and condition in order to calculate Capital Adequacy Ratio of the Life Insurance companies. Also, OIC orders registrars set necessary measures to control companies so the companies must supervise Capital adequacy ratio rate is less than 140%.
  - Capital adequacy is appraised in accordance with the valuation of assets and liabilities of the company.
  - 2<sup>nd</sup> quarter is accumulated operating results within 6 months and 3<sup>rd</sup> quarter is also accumulated operating results within 9 months.