

**CPF11C1910A****21 มกราคม 2562**

หุ้นอ้างอิง	CPF	ค่าประมาณ	Effective Gearing	4.17
ประเภท DW	Call	ค่าประมาณ	Sensitivity Index	2.60
ราคาใช้สิทธิต่อหน่วย	30.000	ค่าประมาณ	Fixed Volatility 1	43.8%
อัตราการใช้สิทธิต่อ 1 หุ้นสามัญ	4.50000	ค่าประมาณ	Implied Volatility 2	46.0%
วันซื้อขายวันสุดท้าย	31 ต.ค. 62	ค่าประมาณ	Historical Volatility 3	17.6%
อายุคงเหลือ (วัน)	284	ค่าประมาณ	Time Decay (Per Day)	0.54%

ราคาหุ้นอ้างอิง (Bid Price)		สถานะ	ประมาณราคา DW														
			21 ม.ค. 62			22 ม.ค. 62		23 ม.ค. 62		24 ม.ค. 62		25 ม.ค. 62		28 ม.ค. 62		29 ม.ค. 62	
			Bid	Offer	Delta	Bid	Delta	Bid	Delta	Bid	Delta	Bid	Delta	Bid	Delta	Bid	Delta
31.00	ITM	3.3%	1.21	1.24	0.6	1.21	0.6	1.20	0.6	1.20	0.6	1.20	0.6	1.19	0.6	1.19	0.6
30.75	ITM	2.5%	1.17	1.21	0.6	1.17	0.6	1.17	0.6	1.17	0.6	1.16	0.6	1.16	0.6	1.16	0.6
30.50	ITM	1.7%	1.14	1.17	0.6	1.14	0.6	1.13	0.6	1.13	0.6	1.13	0.6	1.13	0.6	1.12	0.6
30.25	ITM	0.8%	1.11	1.14	0.6	1.10	0.6	1.10	0.6	1.10	0.6	1.10	0.6	1.09	0.6	1.09	0.6
30.00	ATM	0.0%	1.07	1.11	0.6	1.07	0.6	1.07	0.6	1.06	0.6	1.06	0.6	1.06	0.6	1.06	0.6
29.75	OTM	0.8%	1.04	1.07	0.6	1.04	0.6	1.03	0.6	1.03	0.6	1.03	0.6	1.03	0.6	1.02	0.6
29.50	OTM	1.7%	1.01	1.04	0.6	1.01	0.6	1.00	0.6	1.00	0.6	1.00	0.6	0.99	0.6	0.99	0.6
29.25	OTM	2.5%	0.98	1.01	0.6	0.97	0.6	0.97	0.6	0.97	0.6	0.97	0.6	0.96	0.6	0.96	0.6
29.00	OTM	3.3%	0.94	0.98	0.6	0.94	0.6	0.94	0.6	0.94	0.6	0.93	0.6	0.93	0.6	0.93	0.6
28.75	OTM	4.2%	0.91	0.94	0.6	0.91	0.6	0.91	0.6	0.91	0.6	0.90	0.6	0.90	0.6	0.90	0.5
28.50	OTM	5.0%	0.88	0.91	0.5	0.88	0.5	0.88	0.5	0.88	0.5	0.87	0.5	0.87	0.5	0.87	0.5
28.25	OTM	5.8%	0.85	0.88	0.5	0.85	0.5	0.85	0.5	0.85	0.5	0.84	0.5	0.84	0.5	0.84	0.5
28.00	OTM	6.7%	0.82	0.85	0.5	0.82	0.5	0.82	0.5	0.82	0.5	0.81	0.5	0.81	0.5	0.81	0.5
27.75	OTM	7.5%	0.80	0.82	0.5	0.79	0.5	0.79	0.5	0.79	0.5	0.78	0.5	0.78	0.5	0.78	0.5
27.50	OTM	8.3%	0.77	0.80	0.5	0.76	0.5	0.76	0.5	0.76	0.5	0.76	0.5	0.75	0.5	0.75	0.5
27.25	OTM	9.2%	0.74	0.77	0.5	0.74	0.5	0.73	0.5	0.73	0.5	0.73	0.5	0.73	0.5	0.72	0.5
27.00	OTM	10.0%	0.71	0.74	0.5	0.71	0.5	0.71	0.5	0.70	0.5	0.70	0.5	0.70	0.5	0.70	0.5
26.75	OTM	10.8%	0.69	0.71	0.5	0.68	0.5	0.68	0.5	0.68	0.5	0.67	0.5	0.67	0.5	0.67	0.5
26.50	OTM	11.7%	0.66	0.69	0.5	0.66	0.5	0.65	0.5	0.65	0.5	0.65	0.5	0.65	0.5	0.64	0.5
26.25	OTM	12.5%	0.63	0.66	0.5	0.63	0.5	0.63	0.5	0.63	0.5	0.62	0.5	0.62	0.5	0.62	0.5
26.00	OTM	13.3%	0.61	0.63	0.4	0.61	0.4	0.60	0.4	0.60	0.4	0.60	0.4	0.60	0.4	0.59	0.4
25.75	OTM	14.2%	0.58	0.61	0.4	0.58	0.4	0.58	0.4	0.58	0.4	0.57	0.4	0.57	0.4	0.57	0.4
25.50	OTM	15.0%	0.56	0.58	0.4	0.56	0.4	0.55	0.4	0.55	0.4	0.55	0.4	0.55	0.4	0.54	0.4
25.25	OTM	15.8%	0.54	0.56	0.4	0.53	0.4	0.53	0.4	0.53	0.4	0.53	0.4	0.52	0.4	0.52	0.4
25.00	OTM	16.7%	0.51	0.54	0.4	0.51	0.4	0.51	0.4	0.51	0.4	0.50	0.4	0.50	0.4	0.50	0.4
24.90	OTM	17.0%	0.50	0.51	0.4	0.50	0.4	0.50	0.4	0.50	0.4	0.49	0.4	0.49	0.4	0.49	0.4
24.80	OTM	17.3%	0.50	0.51	0.4	0.49	0.4	0.49	0.4	0.49	0.4	0.49	0.4	0.48	0.4	0.48	0.4
24.70	OTM	17.7%	0.49	0.50	0.4	0.48	0.4	0.48	0.4	0.48	0.4	0.48	0.4	0.47	0.4	0.47	0.4
24.60	OTM	18.0%	0.48	0.49	0.4	0.48	0.4	0.47	0.4	0.47	0.4	0.47	0.4	0.47	0.4	0.46	0.4
24.50	OTM	18.3%	0.47	0.48	0.4	0.47	0.4	0.46	0.4	0.46	0.4	0.46	0.4	0.46	0.4	0.46	0.4
24.40	OTM	18.7%	0.46	0.47	0.4	0.46	0.4	0.46	0.4	0.45	0.4	0.45	0.4	0.45	0.4	0.45	0.4
24.30	OTM	19.0%	0.45	0.46	0.4	0.45	0.4	0.45	0.4	0.45	0.4	0.44	0.4	0.44	0.4	0.44	0.4
24.20	OTM	19.3%	0.44	0.45	0.4	0.44	0.4	0.44	0.4	0.44	0.4	0.43	0.4	0.43	0.4	0.43	0.4
24.10	OTM	19.7%	0.44	0.45	0.4	0.43	0.4	0.43	0.4	0.43	0.4	0.43	0.4	0.42	0.4	0.42	0.4
24.00	OTM	20.0%	0.43	0.44	0.4	0.42	0.4	0.42	0.4	0.42	0.4	0.42	0.4	0.42	0.4	0.41	0.4
23.90	OTM	20.3%	0.42	0.43	0.4	0.42	0.4	0.41	0.4	0.41	0.4	0.41	0.4	0.41	0.4	0.41	0.4
23.80	OTM	20.7%	0.41	0.42	0.4	0.41	0.4	0.41	0.4	0.40	0.4	0.40	0.4	0.40	0.4	0.40	0.4

<http://kswarrants.kasikornsecurities.com/>

Source : Financial Product Development Department, Kasikorn Securities Public Company Limited.

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- คำที่ผู้ออก DW กำหนด
- คำที่คำนวณตามสมมติฐานของขงกรมพาณิชย์ อังกฤษ [http://www.asco.or.th/uploads/upfiles/files/Assumption_27_09_2018\(2\).pdf](http://www.asco.or.th/uploads/upfiles/files/Assumption_27_09_2018(2).pdf)
- ค่า Historical Volatility ของหุ้นอ้างอิง ย้อนหลัง 90 วันทำการ จาก Bisnews AFE (Thailand) Limited



CPF11C1910A

21 มกราคม 2562

หุ้นอ้างอิง
ประเภท DW
ราคาใช้สิทธิต่อหน่วย
อัตราการใช้สิทธิต่อ 1 หุ้นสามัญ
วันซื้อขายวันสุดท้าย
อายุคงเหลือ (วัน)

CPF
Call
30.000
4.50000
31 ต.ค. 62
284

ค่าประมาณ Effective Gearing 4.17
ค่าประมาณ Sensitivity Index 2.60
ค่าประมาณ Fixed Volatility 1 43.8%
ค่าประมาณ Implied Volatility 2 46.0%
ค่าประมาณ Historical Volatility 3 17.6%
ค่าประมาณ Time Decay (Per Day) 0.54%

ประมาณราคา DW

ราคาหุ้นอ้างอิง (Bid Price)	สถานะ	21 ม.ค. 62		22 ม.ค. 62		23 ม.ค. 62		24 ม.ค. 62		25 ม.ค. 62		28 ม.ค. 62		29 ม.ค. 62	
		Bid	Delta	Bid	Delta	Bid	Delta	Bid	Delta	Bid	Delta	Bid	Delta	Bid	Delta
35.50	ITM 18.3%	1.90	0.8	1.90	0.8	1.90	0.8	1.89	0.8	1.89	0.8	1.89	0.8	1.89	0.8
35.25	ITM 17.5%	1.86	0.7	1.86	0.7	1.86	0.7	1.85	0.7	1.85	0.7	1.85	0.7	1.84	0.7
35.00	ITM 16.7%	1.82	0.7	1.82	0.7	1.81	0.7	1.81	0.7	1.81	0.7	1.81	0.7	1.80	0.7
34.75	ITM 15.8%	1.78	0.7	1.78	0.7	1.77	0.7	1.77	0.7	1.77	0.7	1.76	0.7	1.76	0.7
34.50	ITM 15.0%	1.74	0.7	1.74	0.7	1.73	0.7	1.73	0.7	1.73	0.7	1.72	0.7	1.72	0.7
34.25	ITM 14.2%	1.70	0.7	1.69	0.7	1.69	0.7	1.69	0.7	1.69	0.7	1.68	0.7	1.68	0.7
34.00	ITM 13.3%	1.66	0.7	1.66	0.7	1.65	0.7	1.65	0.7	1.65	0.7	1.64	0.7	1.64	0.7
33.75	ITM 12.5%	1.62	0.7	1.62	0.7	1.61	0.7	1.61	0.7	1.61	0.7	1.60	0.7	1.60	0.7
33.50	ITM 11.7%	1.58	0.7	1.58	0.7	1.57	0.7	1.57	0.7	1.57	0.7	1.56	0.7	1.56	0.7
33.25	ITM 10.8%	1.54	0.7	1.54	0.7	1.53	0.7	1.53	0.7	1.53	0.7	1.53	0.7	1.52	0.7
33.00	ITM 10.0%	1.50	0.7	1.50	0.7	1.50	0.7	1.49	0.7	1.49	0.7	1.49	0.7	1.48	0.7
32.75	ITM 9.2%	1.46	0.7	1.46	0.7	1.46	0.7	1.46	0.7	1.45	0.7	1.45	0.7	1.45	0.7
32.50	ITM 8.3%	1.43	0.7	1.42	0.7	1.42	0.7	1.42	0.7	1.41	0.7	1.41	0.7	1.41	0.7
32.25	ITM 7.5%	1.39	0.7	1.39	0.7	1.38	0.7	1.38	0.7	1.38	0.7	1.37	0.7	1.37	0.7
32.00	ITM 6.7%	1.35	0.7	1.35	0.7	1.35	0.7	1.34	0.7	1.34	0.7	1.34	0.7	1.33	0.7
31.75	ITM 5.8%	1.32	0.7	1.31	0.7	1.31	0.7	1.31	0.7	1.30	0.7	1.30	0.7	1.30	0.7
31.50	ITM 5.0%	1.28	0.6	1.28	0.6	1.27	0.6	1.27	0.6	1.27	0.6	1.27	0.6	1.26	0.6
31.25	ITM 4.2%	1.24	0.6	1.24	0.6	1.24	0.6	1.24	0.6	1.23	0.6	1.23	0.6	1.23	0.6
23.70	OTM 21.0%	0.40	0.4	0.40	0.4	0.40	0.4	0.40	0.4	0.39	0.4	0.39	0.4	0.39	0.3
23.60	OTM 21.3%	0.40	0.4	0.39	0.3	0.39	0.3	0.39	0.3	0.39	0.3	0.38	0.3	0.38	0.3
23.50	OTM 21.7%	0.39	0.3	0.39	0.3	0.38	0.3	0.38	0.3	0.38	0.3	0.38	0.3	0.37	0.3
23.40	OTM 22.0%	0.38	0.3	0.38	0.3	0.38	0.3	0.37	0.3	0.37	0.3	0.37	0.3	0.37	0.3
23.30	OTM 22.3%	0.37	0.3	0.37	0.3	0.37	0.3	0.37	0.3	0.36	0.3	0.36	0.3	0.36	0.3
23.20	OTM 22.7%	0.36	0.3	0.36	0.3	0.36	0.3	0.36	0.3	0.36	0.3	0.35	0.3	0.35	0.3
23.10	OTM 23.0%	0.36	0.3	0.36	0.3	0.35	0.3	0.35	0.3	0.35	0.3	0.35	0.3	0.35	0.3
23.00	OTM 23.3%	0.35	0.3	0.35	0.3	0.35	0.3	0.34	0.3	0.34	0.3	0.34	0.3	0.34	0.3
22.90	OTM 23.7%	0.34	0.3	0.34	0.3	0.34	0.3	0.34	0.3	0.34	0.3	0.33	0.3	0.33	0.3
22.80	OTM 24.0%	0.34	0.3	0.33	0.3	0.33	0.3	0.33	0.3	0.33	0.3	0.33	0.3	0.32	0.3
22.70	OTM 24.3%	0.33	0.3	0.33	0.3	0.32	0.3	0.32	0.3	0.32	0.3	0.32	0.3	0.32	0.3
22.60	OTM 24.7%	0.32	0.3	0.32	0.3	0.32	0.3	0.32	0.3	0.31	0.3	0.31	0.3	0.31	0.3
22.50	OTM 25.0%	0.31	0.3	0.31	0.3	0.31	0.3	0.31	0.3	0.31	0.3	0.31	0.3	0.30	0.3
22.40	OTM 25.3%	0.31	0.3	0.31	0.3	0.30	0.3	0.30	0.3	0.30	0.3	0.30	0.3	0.30	0.3
22.30	OTM 25.7%	0.30	0.3	0.30	0.3	0.30	0.3	0.30	0.3	0.29	0.3	0.29	0.3	0.29	0.3
22.20	OTM 26.0%	0.29	0.3	0.29	0.3	0.29	0.3	0.29	0.3	0.29	0.3	0.29	0.3	0.28	0.3
22.10	OTM 26.3%	0.29	0.3	0.29	0.3	0.28	0.3	0.28	0.3	0.28	0.3	0.28	0.3	0.28	0.3
22.00	OTM 26.7%	0.28	0.3	0.28	0.3	0.28	0.3	0.28	0.3	0.28	0.3	0.27	0.3	0.27	0.3

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Source : Financial Product Development Department, Kasikorn Securities Public Company Limited.

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- Dividends are not included in the calculation.
- The statement or expression of opinions herein is arrived at after due and careful consideration to use as information for investment and subject to change without notice.

1. คำที่ผู้ออก DW กำหนด

2. คำที่คำนวณตามสมมติฐานของขบวนการชงกัน อ้างอิง [http://www.asco.or.th/uploads/upfiles/files/Assumption_27_09_2018\(2\).pdf](http://www.asco.or.th/uploads/upfiles/files/Assumption_27_09_2018(2).pdf)

3. คำ Historical Volatility ของหุ้นอ้างอิง ย้อนหลัง 90 วันทำการ จาก Bisnews AFE (Thailand) Limited