GUANGZHOU ZHIGUANG ELECTRIC TECHN
2 0 2 1 ν ε ʌ ă ζ

CONTENTS

智光电气

01

ă ⅓ 1999ẉ

Ở ⅄ ⅎ ẍ ṣ

2007ẉ ƥ ▄ -· Ґ ˜ ¨A i Ų ε -· Ꮒ χ 002169 ζ

ˈY ɒ ẁ ˈ ị ¨Ā Ḡ ↻ ` ∤ ˆ ګ ş Æ ɾ ǐ ◊ ɓ

🅾 ⅄ Ϧ ภ Ổ ı ă ⅓ 20 ^ ẉ ћ ⊨ ǐ ◊ ˈH ę ³

/ Ọ ў ח ɣ ủ ɔ ד ɔ Ḏ ˈH . ∖ ⊐ ɾ β Ẓ ɾ ώ

ě ∧ ᵀ ǐ ◊ ˋO ח ˜Ω ч ɹ ˜ Ά ˆ ƀ ɹ ∧ ᵀ ǐ ◊ ˈH ɜ ˋO ח

ę ³ ڤ Φ ɾ ў ˜H ° ψ ƫ א

ė

ă ɒ ɾ β + ˋO ח + ˜H ° ɓ 🅾 ʌ ī ₩ Ã

智光电气

Zhiguang Electric

ṷ ж ɔ ↔ ð ᵍ ʂ

ɛ ɔ ʌ ᵍ ʂ

ṷ ж ᴧ ᵀ ǐ ◊ ꜰ ў

ă ᾏ 2002ẉ ı ├ q ° ᵻ 2 ĸ Ƒ ı ĩ ẍ ṣ ṷ ж ɔ ↔

ṻ ¥ ѽ ᴗ ʒ ᴎ ṻ ΠḐ χ 002169 ı Ҍ ï ꓤ Ч ṷ ж ▩ ъ ° Ḍ ʒ ᴎ ı ĩ ṷ ж ᵽ

ʌ ᵀ ť ◊ Ḥ лъ Ο п ă ɤ ʌ ī Ά ᵇ њ ў к’ ⌈ ό ɔ Т Ḥ . ꓥ ▩ / Ọ ă ᵑ Ҳ ў

ʒ ᴎ₅ ă ꓥ Ҍ ´ нь ḯ Ҍ ᶻ ı ' ɔ Т ɔ Ḍ ѫ / Ọ Ḥ ▩ ɔ ↔ í ˙ Ь ᵵ Ḥ

. ꓥ ı ᵽ ṷ ť ɔ ɻ ‘ ᵾ Ã ǐ ɻ Ч ť ɔ í ˙ лъ ` ť ɔ ť ѳ ᵾ í ˙ Ж

ф ɔ ◊ Ḥ ч ᵹ ³ Ầ ī Ḥ . ꓥ лъ ғ ў ᴩ Ẓ ғ Ꞓ Ղ ғ ᵝ ɣ ṷ ᵾ ɻ ѧ ό ᴾ ì ş

Ь ɻ ѣ я Ψ ᶌ ɔ ѫ Ь ɻ Ч ť PCS ᛋ ʎ ‴ Ᵽ ᵑ ı ʌ ı Ь ɻ ε SVG ζ ▪ Æ

Ṣ ɔ ᛋ ʎ ѣ / Ӈ я ɔ ť ⌂ л ɜ ᶻ ʒ Ṫ ў ṷ ʒ UPS ᛋ

ʒ ᴎ ғ ᵝ Ţ ᵽ ъ ʃ ḫ א ş л ό ḫ ˝ ı Ẋ ڤ ڃ ᵒ Ꝋ ᵎ Ѧ ∓ ᵘ ʃ Ķ ᵓ ş л ı ѫ ъ ᒉ

` ť ᵒ ᵑ ɜ ʎ ̆ ɔ ť ’ ў Ӯ ̦ ˝ ˈ ʒ ᴎ Ҍ ᛋ ѽ ; Ẉ ᴶ ᶻ Ꝋ ̃ Ω ѫ Ḥ ė ᵻ ı

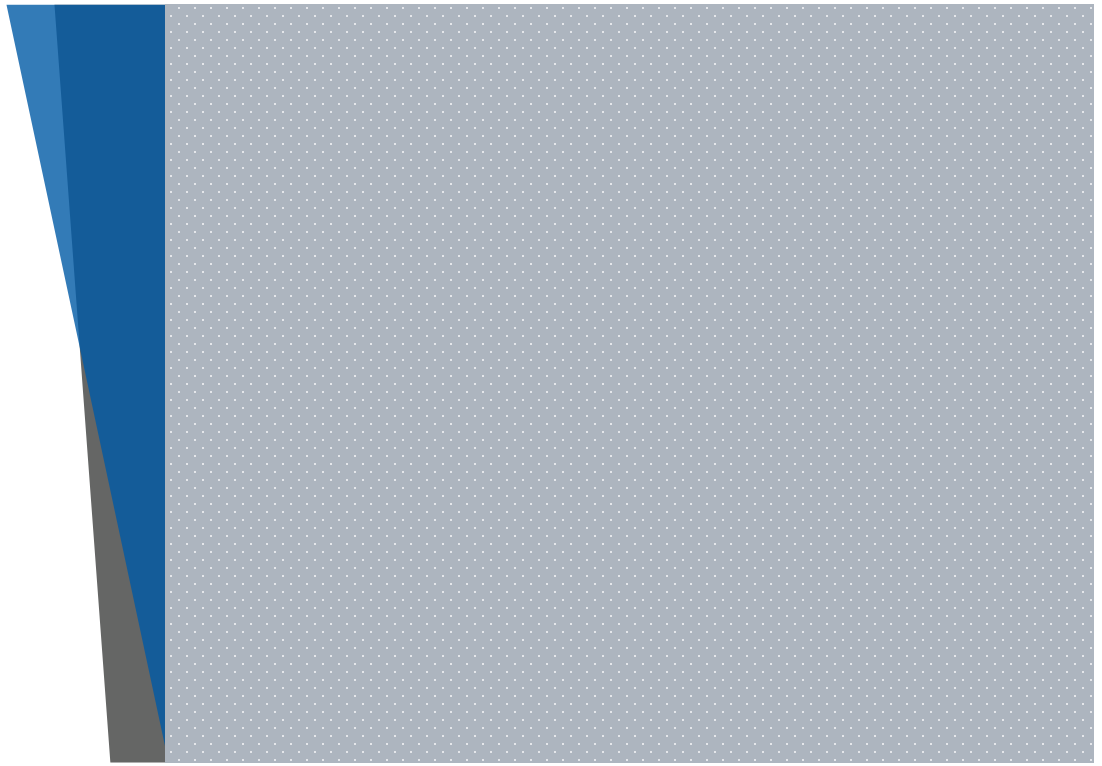
Ⱬ ʌ ѽ ɒ Ѝ ǐ ɻ . ɓ ▩ Ч ɱ ı ā ᛋ ˜ Ҍ ڀ ᵽ Φ ў ڀ ᵽ л ³ ᶻ ¡ ̈ Ѧ ѫ ѧ Ọ

▩ Ղ ڃ лъ Ο п Ẉ ᴶ ı ѫ ɣ ṷ ɔ Т ā ᵻ ᵽ Ṫ ▪ Æ ᾪ ѽ Ѧ

ť ◊ ᛋ Ф ў Ꝋ ′ Ѧ ¡ ̈ Ѧ ώ ĕ ғ ᵝ Ḥ ʒ ʌ ᵀ Ḥ ȷ ̃ Ά ı Ɛ ʒ ¡ ̈ Ѧ ɣ ṷ ѧ

ʃ ʃ Ķ ɔ ɻ ʒ ᴎ ɛ Ά ɔ ɻ Ѝ ᶻ ʌ ɔ ѳ ᵽ ѧ ẍ / ѧ ʃ ā ѧ ᵽ ѧ

. ≥ ɜ Ӈ № ت ڤ ѳ ᵽ ᛋ ᶻ ʒ ѧ ˜ Ⱬ ў ѳ ᵽ



智光电气

- ǰ Ɋ ў ո Ѽ È ɔ ד ᛋ
  ʌ ı ˌ ˜ ο ᵇ ɒ ΰ
  ΐ ◊ ▨ گ ∂ ἇ ⊐
  Ṁ ἇ ɓ ▨ ᛋ ℓ

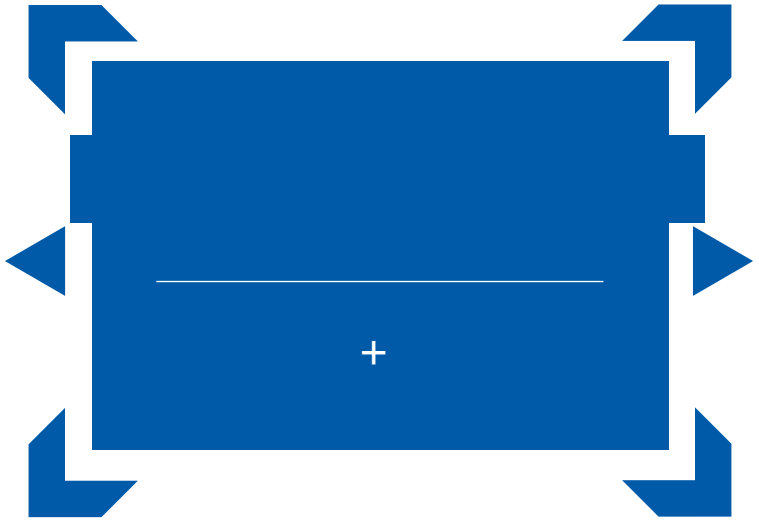
- ἄ ı ƍ ▄ Ґ Ӑ ʌ ɳ —
  i Ụ ı ΰ ˝ Ꮭ

智光电气

- ↄ Ψ ị ɔ ⱨ ᔑ ᐱ
- ↄ ㄡ я ɖ ỗ ʒ ᵏ ᑌ ᔑ ᐱ

- ᵶ ı ' Ψ ị ↄ ◊ ε ▪ Æ Ṣ ↄ ᔑ ᐱ ζ
- ↄ ↔ Ґ ᵑ j ɾ Ă ↄ ◊ ε UPS ζ

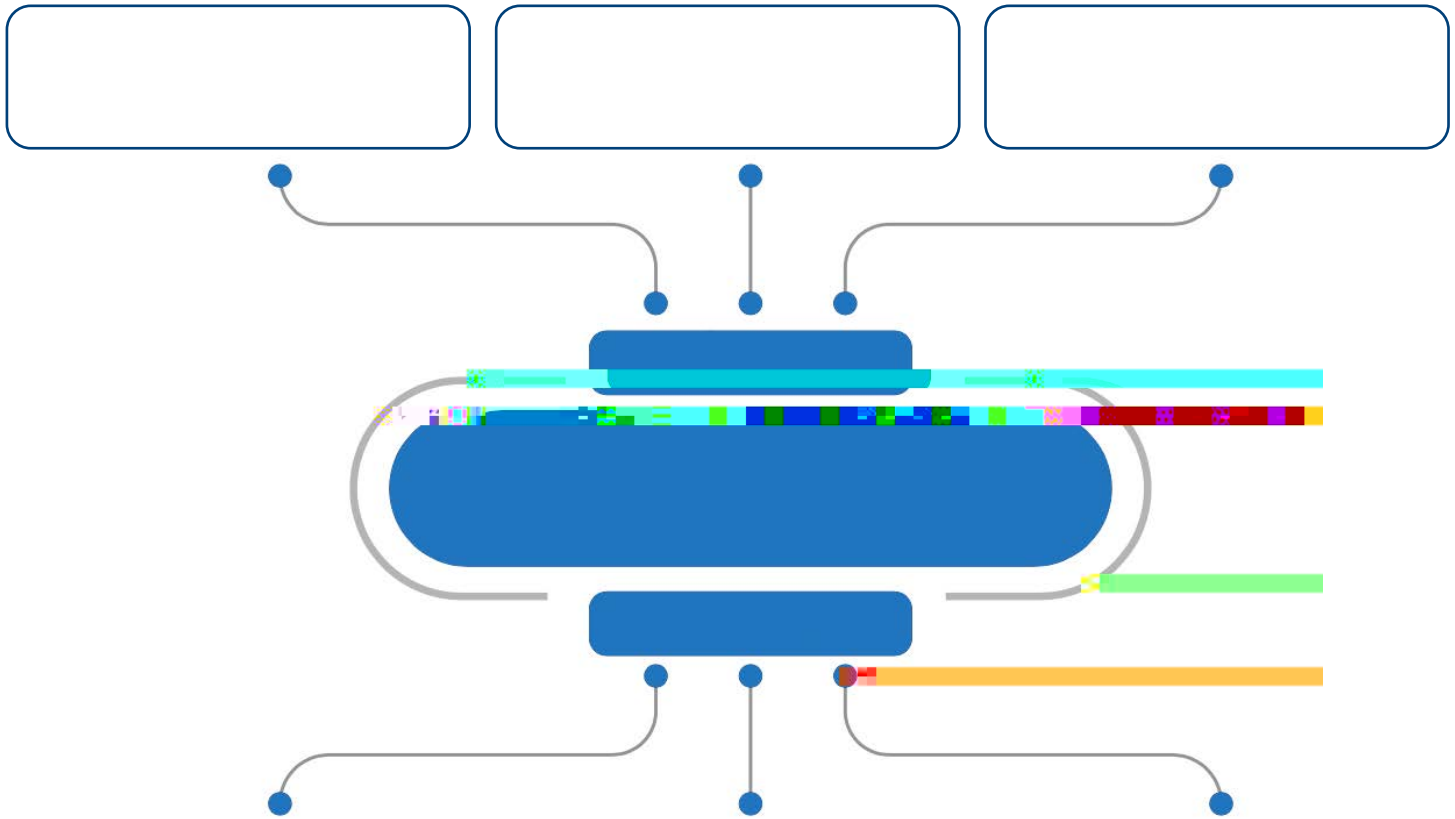
- Ṷ ж ᐣ ǐ ʒ ㄡ Ң я Ч ǐ ᔑ ᐱ
- ﻩ ⱥ Ã Ң я Ч ǐ ᔑ ᐱ
- ↄ – PACK ﻩ ă BMS PCS ʒ EMS Ḥ

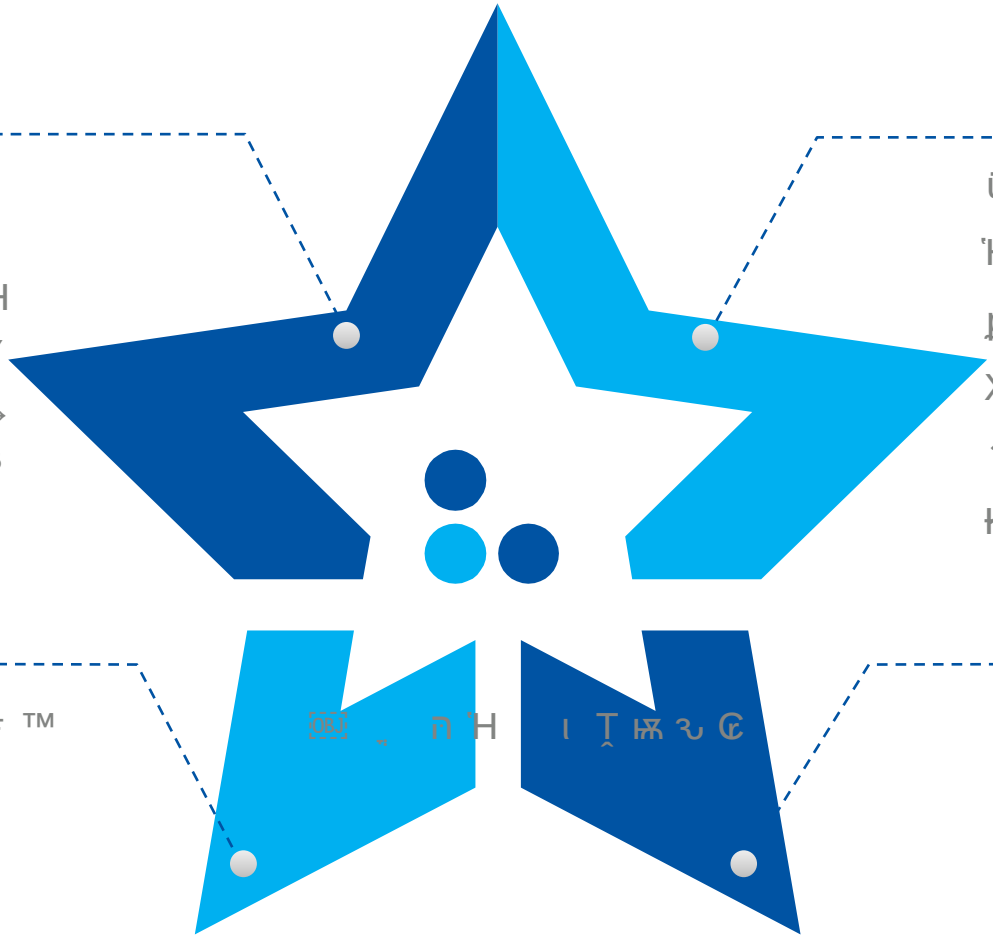


- ㄡ я ʌ ㄡ я ≠ ㄣ ↄ ᔑ
- ⱥ Ң я ↄ ɻ ↄ ᔑ
- Л š ж ᐱ ҽ ɣ ʰ Ṷ ǐ ↄ ᔑ

- ᓬ ↄ ᔑ ╦ Ǎ J̌ ɻ
- ↄ ᔑ ↄ я ḫ ı SVG
- ↄ ◊ ᔑ ᐱ ᐱ ᵀ ⌂ ㅍ ⁼ í ᐧ ᔑ ᐱ

- ↄ ㅜ ɔ ẙ ᔑ ᵀ Ꝙ Ꝟ Ω Ẉ ᴶ
- Ṷ ǐ ⍵ ´
- ㅍ ³ ᓬ ↄ ˇ í ㇹ ǐ ◊ ㄱ ㅍ ᔑ ᐱ





ɻ ص͡ ᵎᵎ ʌ Ẉ [illegible] Ή Ч Л ⊐ƽ
Ƶ̤ Ȁ ι ʒ̨ И Ţ ấ ٧̆ Ꝍ ⫫ í
Ή ↄ Т ↄ Ḍ Ή ᵑ̣ Ʒ Ή
⊐ Ẓ ɨ ʂ ţ Ή ʁ g ˜ [illegible] /
Ọ Ή Ẉ ᴶ ι ė ắ ˭ ᵇ ↄ ↔
í ˙ лъƽ ʊ ק ˙ ⌐ ʊ́ ³ [illegible] ғ β
ų ṕ

ΰ ж ̈Ο ѽ ̃Ң њ ў ш ъ Ή ̊ ч [illegible]
Ή њ Ķ ƶ ⊐ ̃Ң ў п ص ̈Ω ̋Η
ƥ ٦ [illegible] ٦ л ҏ ƶ ΰ ж n ӈ ̊ ъ ʃ Ķ
Ҳ ў Ή ѧ Ọ ι ֆ ٧ з ɵ ɑ Ɣ Ṫ Ă
1 ι ė ắ ˭ Ꝍ – ˛ ғ ў Ķ ė ʁ ц ι Ṗ
Ж ᵀ л ₃ ƶ Ḣ ̃Ω [illegible] / Ọ Ķ ė ƶ

ш Ҡ ʁ Ƀ ι ΰ ж ¸ Θ ˛ ̋ [illegible] ғ ™
ṗ Ե ̂ ḫ ^ Ā [illegible]

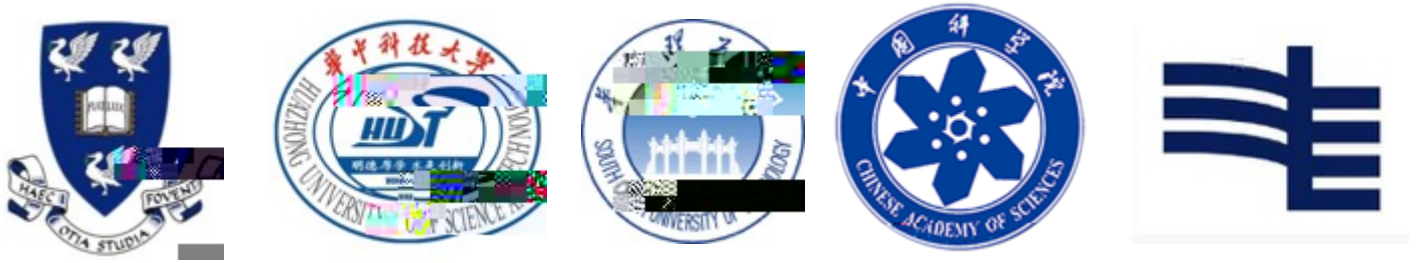
[illegible] ˛ ת Ή ι Ţ ʁ ъ Ҁ

- 2009ẉ ẍ ѡ̉ Ь ṯ ̇ ҷ ў 50 ≻ ẇ Ҳ ў
- 2012ẉ ʒ ɵ ɑ ¸ Ȁ ḫ ت ᵍ ş
- 2013ẉ ʒ ɵ ɑ ϒ Ṫ Ă 1
- 2014ẉ ẍ ѡ̉ ᵆ Ẉ ғ β
- 2017ẉ ⱨ Ȁ Ḥ Ҳ ў
- 2018ẉ ↄ ↔ Φ ў ẽ ᵠ Т β Ẉ
- 2018ẉ ϒ s Ṛ Л ’ ᴅ Ꜧ
- 2019ẉ ẍ ѡ ҕ ҭ Φ ў ʙ h h ^
- ẍ ѡ̉ Ṫ ϒ Ḥ . ϒ ѧ Ọ
- ف ʎ " ẉ n ệ ⱨ я Ψ ị ʜ " ƶ β Ẉ
- 2019ẉ ƒ Ḳ Ҳ ў Ḥ ѧ Ọ

Ά Þ 2021 ẉ 7 ώ 1 ή ι ΰ ж Ţ ϩ ت ғ β Ή ћ. ∧ 450 ° ι Ţ ά ћ. 333 ° ι Ὸ

õ ш ∖ ჯ ţ Ł Ă 333 ° ; ق Ꮭ ∨ δ ã v ль ḧ OBJ ƒ Ķ з Φ ў ‰ ´ ∧ ص 40 °

6-35kV	



ƥ Ḥ ¨ Ȁ Ά ₌ ı Ҳ ў Ḥ ʌ Ọ Ꝍ ㄱ Ḥ ʌ Ọ ⊐ ʃ Ķ ȝ ɵ ɑ ㄟ Ṫ Ă 1 ㅾ Ẉ ᴶ ı ᥒ ص ль ▌æ ᶎ

ę ᶎ ę ϧ ʃ ˍ ꞵ ╠ ᶎ ę i ╤ Ґ ᥒ ᶎ ę ɧ Ḡ Ґ ᥒ ᶎ ę æ ʌ ㄟ Ḥ ᶎ ę æ ᴇ л Ṫ ᶎ ę

Ẍ Ѡ Ɔ ㄒ ㄟ ę ㄟ ტ Ȁ ʌ ʃ ㄟ ę ტ ẍ ṣ Ť ◊ ㄟ Ȁ ㄐ ב › ȝ ㄟ ტ Ȁ ف Φ Ḻ ˊ OBJ ꜰ ę ᵀ Ă ı

ė ἄ Ą Ă ǐ ᵀ OBJ ꜰ ę ǐ ` ı Ꮒ ª ɧ א Ȁ ꜰ β OBJ Ḥ ѽ Ꮒ Ф Ш ⁼ ʌ

智光电气

中国石油

中国海油
cnooc

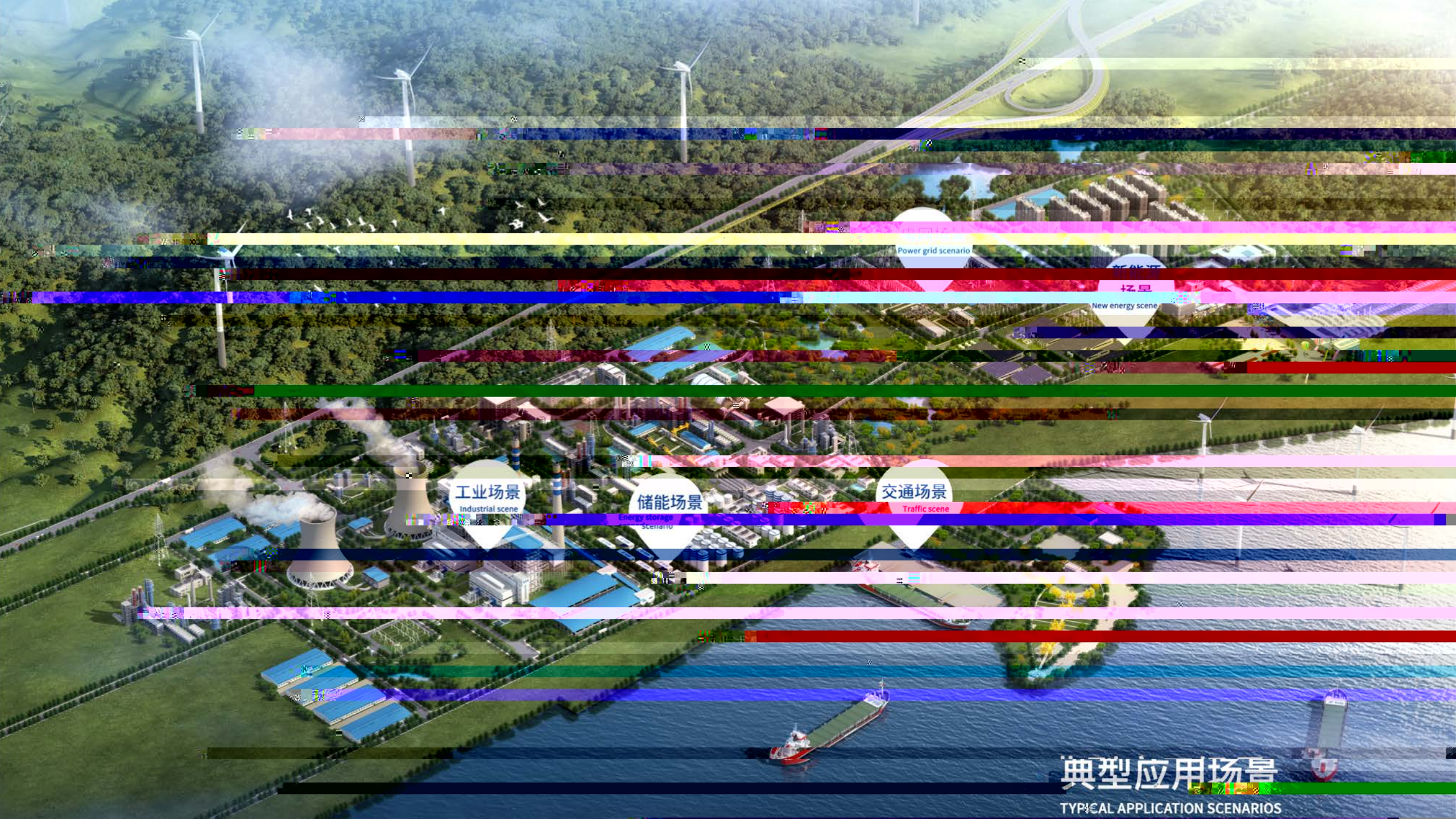
中国华能
CHINA HUANENG

中电投集团公司

中国神华
CHINA SHENHUA

華潤

酒钢集团



典型应用场景

TYPICAL APPLICATION SCENARIOS

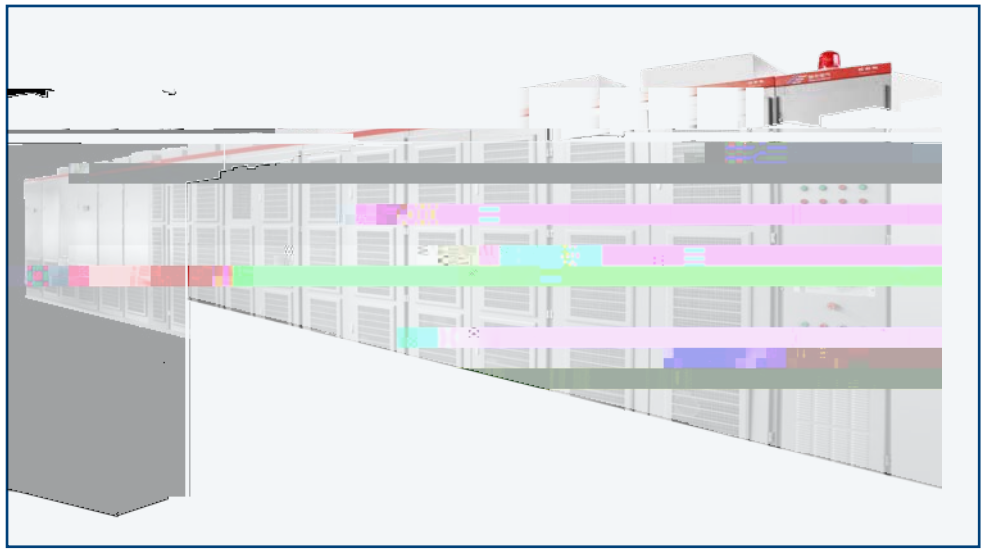
RUSSIA
CANADA
KAZAKHSTAN
MONGOLIA
CHINA
INDIA
BRAZIL
AUSTRALIA

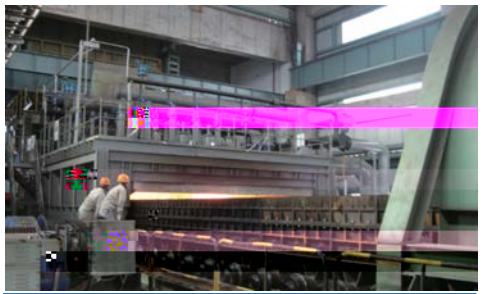
“ “

智光电气

02

Ă ㎞ ʃ ғ ʌ ᶻ ķ ᵢ᷂ ᴝ ᴙ ᴪ ļ ʰ Φ ў Ḥ . ʌ
ʒ Ẓ ŧ ⍰ ᵹ Ж ᾶ ı ė̇ ẉ j Ă ɾ ᶾ ʌ ㄒ ẙ Ẋ
Ꞌ Y ᐟ ᾺA ʃ ғ Ψ ļ ķ ᵢ᷂ ‖ ᴗ ı ʒ ᴎ₅ ᾶ ˙
⍰7000kVA~30000kVA ķ ᵢ᷂ ᐧ ᐟ⍰ ʌ ᶻ ķ
ᵢ᷂ ᴝ ᴙ ᴪ ļ Ţ ă ㎞ ʃ ᵘ ғ ᵝ ЛЬ Ḥ ⍰Ă ѡ ㄒ
ѽ ẵ ẵ ƿ ʌ ᶻ ı ' ᴝ ᴙ ᴪ ļ ᐧ ᐟ Ẓ ŧ Ắ ₌ ı
300MW—600MW ♀ Ɔ ᐧ Ɔ ᴗ ᐟ ↕ ᴪ ļ
í ˙ ` ǐ ѽ ჭ 600MW ʒ Ꝍ i ♀ Ɔ ᐧ ǐ
ㄒ Ậ l ᴪ ļ í ˙ ` ǐ ѽ ჭ ت ڤ Φ ў ᶻ ı
' a ℓ Ɔ ♪ ᒧ ᾶ ”ı ᴪ ļ í ˙ ` ǐ ѽ ჭ ᵌ
ᶻ ķ ᵢ᷂ Ɔ ᴝ ᴙ ᴪ ļ ᵴ ᵏ ʌ ᴪ ļ ʰ Ẋ ǐ ᵬ
Φ ᐧ ᴝ ᐧ Ẓ ŧ ı ă ㎞ ǐ Ль ʃ ᶎ ᵝ W ˊ ⍰Ч
ᐧ ʃ ғ ᵝ W





ę ᒪ • ت ڤ 2x7800kW ᾶ ”ı l
ᴪ ļ ѽ ჭ ˚ ˊ ˚ ˊ

ᶎ • ᵌ ت æ 2x6300kW ᾶ ”ı
l ᴪ ļ ѽ ჭ ˚ ˊ

Ă ㎞ ʃ ғ ʌ ᶻ ķ ᵢ᷂ ᴝ ᴙ ᴪ ļ ʰ Φ ў Ḥ . ʌ
ʒ Ẓ ŧ ⍰ ᵹ Ж ᾶ ı ė̇ ẉ j Ă ɾ ᶾ ʌ ㄒ ẙ Ẋ
Ꞌ Y ᐟ ᾺA ʃ ғ Ψ ļ ķ ᵢ᷂ ‖ ᴗ ı ʒ ᴎ₅ ᾶ ˙
⍰7000kVA~30000kVA ķ ᵢ᷂ ᐧ ᐟ⍰ ʌ ᶻ ķ
ᵢ᷂ ᴝ ᴙ ᴪ ļ Ţ ă ㎞ ʃ ᵘ ғ ᵝ ЛЬ Ḥ ⍰Ă ѡ ㄒ
ѽ ẵ ẵ ƿ ʌ ᶻ ı ' ᴝ ᴙ ᴪ ļ ᐧ ᐟ Ẓ ŧ Ắ ₌ ı
300MW—600MW ♀ Ɔ ᐧ Ɔ ᴗ ᐟ ↕ ᴪ ļ
í ˙ ` ǐ ѽ ჭ 600MW ʒ Ꝍ i ♀ Ɔ ᐧ ǐ
ㄒ Ậ l ᴪ ļ í ˙ ` ǐ ѽ ჭ ت ڤ Φ ў ᶻ ı
' a ℓ Ɔ ♪ ᒧ ᾶ ”ı ᴪ ļ í ˙ ` ǐ ѽ ჭ ᵌ
ᶻ ķ ᵢ᷂ Ɔ ᴝ ᴙ ᴪ ļ ᵴ ᵏ ʌ ᴪ ļ ʰ Ẋ ǐ ᵬ
Φ ᐧ ᴝ ᐧ Ẓ ŧ ı ă ㎞ ǐ Ль ʃ ᶎ ᵝ W ˊ ⍰Ч
ᐧ ʃ ғ ᵝ W

ZG-SPSṢ Э Э ◊ ㄐ ㄏ ĩ ʒ и ₌ ᵇ ▪ Æ Φ ў у З ㄏ˘ ㄏ ţ ▯ ₁ ∂ ă ḧ
˙ ק Ầ ㄏ ZG-SPSṢ Э ㄐ ㄏ ㄏ ᵀ˝ ʒ и ă ⅈ ▯ ᶻ ı ' ъ я Ψ ļ í ˙ Ḥ
ᵥ Э ㄐ ì ş Ḥ Э ◊ ㄱ Л ㄐ ㄏ ȝ Э ㄐ ` í ˙ љ ì Ꝛ Ḥ ㄐ ı ' ẍ
┌ Ẕ ⁓ ˜ Ґ ụ ㄐ Ф ў Ḿ Э ◊ ѽ ≠ ㄟ ₁ ∂ ▯ ş Ά ʒ и ф ı Ꝋ ⁞ Ꝏ ị
T̈ ▯ j ª ₁ ∂ ı Ầ ţ ᴿ ı ≠ ㄟ Э ◊ Ḥ ˙ ㄐ ⁼ ғ β ḧ ˙ ק Ȯ Л ı ' ѭ ᴿ
ı ị T̈ ώ ě Э я ㄐ ㄏ ѭ 0.4kV~35kV ᴿ ㄟ ķ ₽ ▯ ≠ ㄟ Э ◊ ₱ ţ

ᶻ ı ' Ṣ ᵍ Ψ ļ Э ◊ ㄐ ㄏ

■ Æ ▪ Ṣ Э ° ´

ę Ꝙ Æ ▪ Ṣ Э ° ´

ɔ ▪ Ṣ Э ° ´

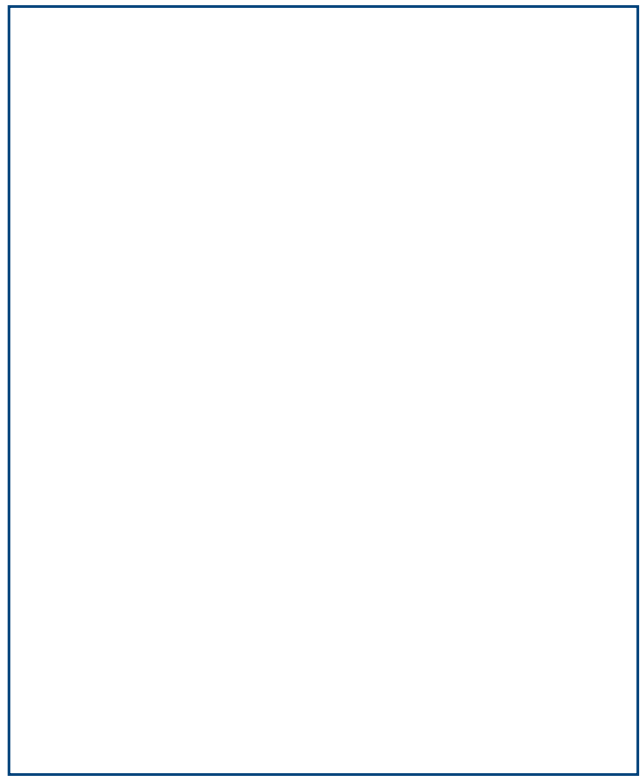
ᵉ ṡ ▪ Ṣ Э ° ´

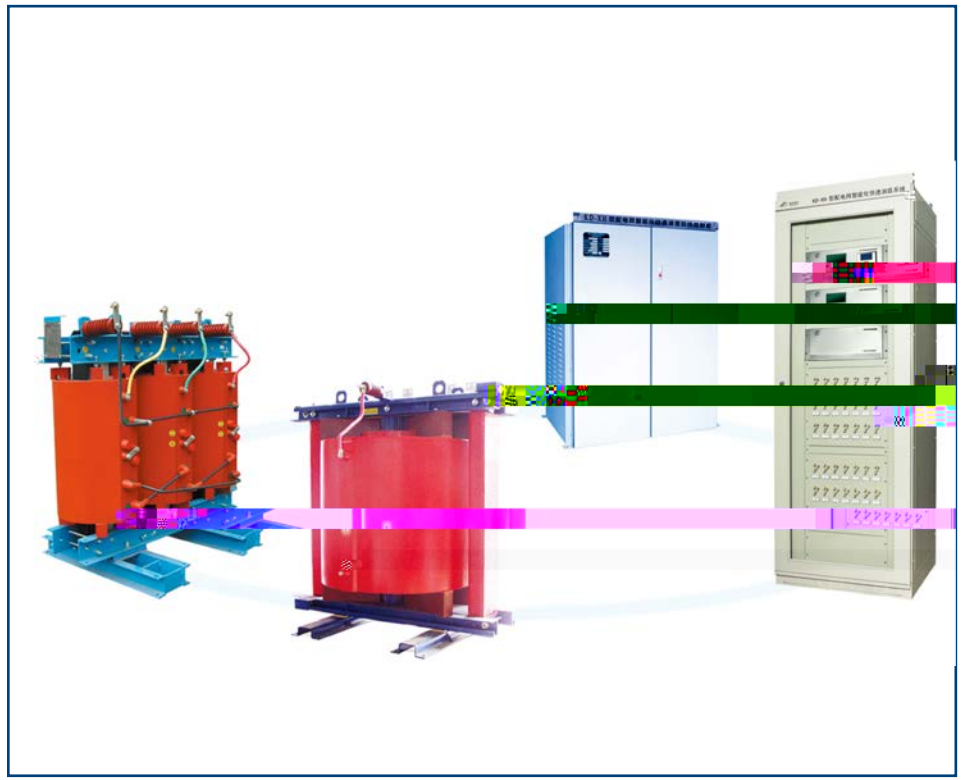
ύ ж Ч ΐ Ƶ ɻ ʁ’ Ч ΐ ѵ ʌ (Ч ΐ ɔ 1) ǵ ³ ￼ ѵ Ѧ ʌ Ƶ ŧ
ɜ ѵ ʌ ǵ ă ⁼ ° ´ ấ Ф ı Ẋ Л Ĩ ύ ʌ ᵀ ΐ ◊ ỉ ɔ ɻ ч ǵ ³
￼ Ѧ љ ʌ ţ ύ ж Ч ΐ Ѧ ʌ ￼ ѧ ɤ я ʌ ǐ ʒ Ч ΐ ѵ ʌ ı Л ъ
ɔ Ъ ṇ h ₩ ʹ ɻ Æ ŧ (Ḡ ъ ό) ɜ Ч ΐ ɒ ķ ¸ ᶻ (ɒ 5MW Ꝙ i)
￼ ≠ ᴾ ı ḫ ϰ ẖ Ψ я ʰ ɤ я ´ ¨ Y6-35kV ɔ ɻ ı ѫ ъ ɼ Ж ق ￼ Ч
ΐ ѵ ʌ Ή

ㄟ ∪ Ã Ч ſ ㅛ ; Ẉ ᴶ Ⓠ ㅁ ε ∽ ㅛ ʰ ㎞ / Ọ ı ʈ ῶ ɔ Ḥ ɔ ㅀ ㄟ ९ ſ ㄸ ㅛ ; ɔ ㇽ ゲ Ẓ ớ (ị ' ゲ Ẓ ớ ɔ ㅀ ゲ Ẓ ớ ⊐ ɔ ſ ㅗ ᵾ ゲ Ẓ ớ
(ㄴ ㄹ ㄴ ㄴ ∪ ȝ ɜ̇ ㅛ ⊐ s ʾ j Ẉ ‘))ㅛ ; ⊐ ₭ ɔ ị ㅛ ; ㄟ ı ſ

ㄟ ∪ Ã Ч ſ ㅛ ; Ẉ ᴶ ㅛ ㅟ ˆ ㄱ H ⁷ ㄱ ǐ ŏ Ë ㇽ _ ı ɾ̣ ɔ ㅀ Ẅ Ë ⊐ ị ' ㄟ ẙ ɔ ㄹ ᵍ ᵾ Ḥ ; Ẉ ᴶ ㅛ ㅟ ˝ ⅇ ゲ ᵩ ㇽ _ Ф ㅆ ı j
ᴩ ᵩ ᵩ ³ ↔ ẽ ᵠ ı ᘁ ³ ö ฿ Φ ψ Ẉ ᴶ ᷉ Ḥ Ă ᴶ ſ ᵭ ˝ ɔ ㅀ ɔ ㅀ ㅛ ᵩ ì Æ ı ˈ Ṅ ; ㅊ ẹ ㄴ ⓠ ㅀ ∪ ı ă ; ㅊ ǐ ɔ ˋ ‘ ᵷ ʇ ᵩ ă ㅋ Ά Ж ㅛ

UPS





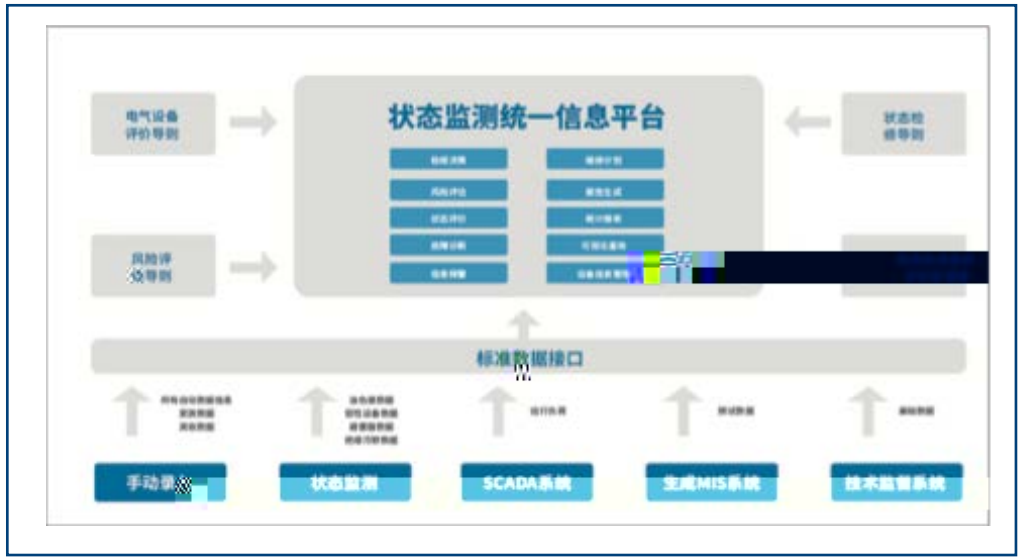
ٮɔ ɻ ╥ Å J̌ ɻ

KD-XH ᴎ ˚ ٮɔ ɻ ύ ť ƿ ồ ѧ ╥ Å J̌ ɻ ᴎ ɻ ƿ ٮɔ ɻ ѧ ό ᵽ ì ş Ά Ã Ḥ ǧ ³ OBJ ᴎ ṗ ƒ ɲ ǧ Ж ş ʁ ᴎ ˚ ғ β ¨Ȯ ѽ ^ ° ʌ ″ ⁼ ḫ ɬ Ȧ ʒ ћ ı Ẋ Ă ѭ Φ ў ɲ χ æ Ḳ ق Ꭻ ∀ δ ˝ ɔ ד Φ ў ‰ ′ ₅ ∪ ˢ ت ′ ў ╥ Å ɻ ⌋ ă „ Ь ɻ Ḥ ᛏ ᛉ ғ β Ţ Ƶ ɬ ˙ ъ ƒ 260 Ѧ ş ᛁ Ụ ě ɔ ṕ (ъ ƒ Ꮒ 333 Ѧ ş ᛁ Ụ) ı Ƶ ɬ ▒ Ꭻ ' ҙ ˙ 78% ı Ụ ß ¡ ѽ ' Ύ ᛦ ʁ ṗ ƒ ɲ ª ᛁ ғ β ˙ ˚

˙ á • ♠ ≥ ƿ Ṫ æ ╥ Å ѻ ҷ ˚ ´

ẍ Ѡ • Ψ ɔ 1 ╥ Å ѻ ҷ ˚ ´

ύ ΐ ʒ Ψ ɔ 1 ⱛ я Ф ᵵ ᵀ õ ˇ ⅄ ʒ ㄱ Л ㅓ ㅅ Ỉ ㅓ ㅅ Ţ ᵱ ˝ ʃ л ᵘ ª ɻ ㅓ ㅅ 🅾 ᵹ Ж ↨ Ẉ. ´ ˙ Ỉ ㅓ ˚ ˇ ⅄ ɒ Ғ ƥ ʃ л п ệ 10000 ᴶ Ꝋ i 🅾 ᵬ Φ ㅅ ⱛ, Ţ ʊ ᵵ ˝ ᶻ h ₩ ò ẍ Ẓ ᵻ 🅾 ţ . ƥ ᵀ õ ₅ Й ㅓ ㅅ Ά ¸, ΰ ж лъæ Ꙍ ɔ т ㄚ ẹ ㄚ ŭ ḥ Ḡ Ґ ụ ᶻ ẹ ▌æ ᶻ ẹ ㄴ Ḻ ᵀ Ă, ʌ ˝ ɔ т Ф ᵵ ᵀ õ Ⱶ Y l ᵽ Ⱶ Ж ʒ ₅ Й ᵾ ˈ ˜ ㅓ ㅅ ㅅ, ㎞ ʃ л ث „ . 2008 ẉ, ° ´ ă ˈ n ệ ˝ ћ Ķ ㅅ ⱛ ẙ Ⱶ Y ʒ ʃ ڳ ؤ Ж 🅾 H ث ḧ ㄴ o . ª ʽ H, Ỉ ° ´ v Ł Ѽ È ƥ ύ ΐ Ψ ɔ 1 Ф щ h ,ث Ҝ ƥ ƥ ɻ ˇ ⅄ ؤ ³ Ậ ᘐ IEC61850(DL/T860) ụ ʒ ‰ ´



ZG-dSVC

ZG-dSVCㄡ я ʊ ỗ ῂ ı ´ ӳ Ь ɹ ĩ ΰ ϰ ʌ ᵽ ƶ ʷ ᶣ ᵽ ᶻ ı ' ɔ ㄒ ɔ Ḏ Ḥ ㄡ я ῂ ıѕ ʊ ´ ӳ ί ˙ Ḥ ⊐ ɔ ㄎ ѕ ʊ ᵽ ϟ ғ β ʌ

Ḥ ⊐ ᵍ ~ ї ı ᾓ ѻ ѣ ▌ æ ᶻ ę ᵀ Ă ă ı ˙ ӑ ă

ZG-dSVCㄡ я ʊ ỗ ῂ ı ´ ӳ Ь ɹ ̣ ̊ ᾓ ѻ ƒ Ḳ ḍ ⚌ ʒ Ã ⁝ ㄡ ı Ẋ Ṯ ᵽ ᵻ ɭ ɔ ϟ Φ ў ă ı ᵬ Φ

≤ ᴇ ᵽ • j ت ѽ ῂ ı ´ ӳ ˚ ´

ḥ • ў ᵩ ᵽ ῂ ı ´ ӳ ˚ ´

ᵀ ấ • j ت ѽ ῂ ı ´ ӳ ˚ ´

ZG-PSVG
ZG-SVG

ᵽ ᵵ ^ ʌ ᵀ ǐ ◊(ḅ l ж ɔ ч)ʒ ɔ ᴛ ɔ Ḏ Ф ᵻ(ḅ
Ҳ ɔ ᵍ Ψ ḷ ч)ӈ ᵾ ì ᖫ ɔ ɻ ı ắ ŧ Ӓ Ḿ ɔ ◊ 🖼 Ѽ
ɣ ớ ɩ ∂ ٩ᶠ ٩ ᴤ 🖼 ù ̀ ï ı ḅ Ḿ ʒ Ѯ ɔ ◊ ɻ ʌ ч
ḧ ᵎ ˳ Ч ѳ ε ¨ Ǐ ệ ٩ᶠ ٩ ᵱ ɩ
ṵ ж ̲ ᵇ ḭ Ӓ ȯ ̣ Ⓖ Ч ѳ ᵎ ˳ 🖼 ɔ ◊ ɻ ʌ ч ʌ ı
Ẋ ώ ě Ḏ 🖼 H ɹ ̃ Ά ᛚ ı ᖫ Ά ɣ ѭ ḭ Ӓ ώ ě
ɔ ᴛ ʒ Ụ ᵽ ћ ɻ ʌ ᵽ ɔ ǐ ȷ ᒪ ⌂ ᴨ (APF) ɔ ǐ ḛ
ı ί ̇ (SVG/SVC) ѕ ̂ ȷ Ẉ ‘ ɔ ` ɔ ᴙ ż Ψ
ɔ ᴙ ص ᴤ (Ḥ) ɔ ` ћ ί ̇ ч ɔ ◊ ɻ ʌ ч ᵀ ⌂ ᴨ Ά ᛚ
ћ Ḥ

æ ɛ ɬ ᵽ • l ɔ ʃ ˚ ´

ZG-PSVG ᵽ ɔ ɻ Ḥ ᴙ ɔ ǐ ѳ ᵾ ѽ ᵽ ᵵ ɻ
ZG-SVG Ḥ ᴙ ̄ Ᵽ ḛ ı ´ ý ᵵ ɻ

ẍ ᘯ ɔ ɻ • ě ɔ ṕ ˚ ´

ǔ ⁎ ᴝ ǐ ʒ ɔ ◊ ﻭ ﻱ ﻝ ᵀ ⌂ ㅍ ㅌ ㅿZG-

智光电气

03

ΰ ж ɒ ʌ ᵀ ǐ ◊ ὸ Ο п Ṫ ў Й ǐ ɻ Ẉ ᴶ ɓ Ꝍ ᵶ Ꝑ Ꝟ ˜ ǐ Ή . ʌ ғ β ˙ ҷ ч ʌ ᵩ ă Ф ᵵ ᵬ ʌ ǐ ѽ ώ ″ ǐ ◊ Ґ ˜ ч ʌ ᵀ ǐ ◊ ὸ Ο

п ғ β ⁄ Ọ ᴙ ` ι ẁ ˈ ị Ä ḫ ѫ ĸ ļ ч ᵢ ʊ ˙ Ꝑ Ꝟ ᵢ ʊ ⬚ ҷ ᵇ ″ ʌ ҳ и ль ʃ ⁂ ấ ᵡ ᵾ Ω ɻ Ḷ ⬚ ă ᵡ ᵀ Ă ч Ҝ ћ ч ι Ћ ª ấ Ф ḫ

Ạ ɒ ⁂ ᵶ Ꝑ Ꝟ ᵢ ʊ ⬚ ‗ ᵇ ʌ ᵀ ǐ ◊ ᵶ ὸ Ο п ⬚ Ṫ ў Й ǐ ɻ Ẉ ᴶ ɓ ° ´ ɒ ʌ ᵀ ǐ ◊ ὸ Ο п Ṫ ў Й ǐ ɻ Ẉ ᴶ ɓ ր ص ز ɻ ɯ ᵡ Ф ᵵ ᵱ ᵷ Ф ᵵ

ᵬ Ф Ꝑ Ꝟ ι ɻ ˈ ᵡ ʊ ր ʒ ɻ ʌ ʌ ӷ ₆ ɾ ǐ ɻ ɻ ћ ᵷ ˝ ὸ Ο п ʰ ι ɻ Ꝑ Ꝟ ɻ ћ ʌ ∫ л ᵅ ʻ ʌ ₆ ⁂ Ẉ ᴶ Ꝑ Ꝟ ѧ Ọ ⁂ Ẉ ᴶ Ꝑ Ꝟ ѧ Ọ Ḿ Ꝑ Ꝟ

ڤ Ф ᶎ Ꝋ ль ∫ л ι ɻ ᵀ Ф ў ˜ ᵡ ấ ᵡ ʌ ₩ ʒ ι ᵇ ў п ѧ Ọ ⊐ ᵶ Ꝑ Ꝟ ʻ ‘ ѧ Ọ ώ ě ᵬ Ф Ꝑ Ꝟ ὸ Ο п ў п ѧ Ọ ˵ ق ᒧ ћ ҳ и ᵹ Ṁ ᵡ л

Ķ ^ ᵬ ʌ Ķ ^ ч ώ ě Ҳ ў ɻ Ꝝ ў п ǐ ᴛ ⬚ ʒ Ụ ᵽ ɔ ˈ ι ɣ ủ ᵩ ᵵ ᵡ л ль ˇ í ᵬ ʌ ᵵ ᵦ ᵵ ţ ʻ ‘ ль ḭ ˜ ч ι ª ὴ ћ ᵶ Ꝑ Ꝟ ѧ Ọ

ώ ě ʌ ў Ꝑ Ꝟ ὸ Ο п

ﻝ ᵀ ǐ ◊ Ȯ ⊓ Ṫ ў Ѝ ǐ ﻝ Ẉ ᴶ ﭓ ɾ “ 1+ N+1” ₩ Ã

_ ấ ̋Ǫ Ḝ ᵽ ﻟ Ẉ ᴶ ã ﻁ

1 Ⱥ ﻝ ; Ḿ ǐ ◊ Φ ў ḧ ᵽ ﻝ ц ﻟ ‰ ʒ

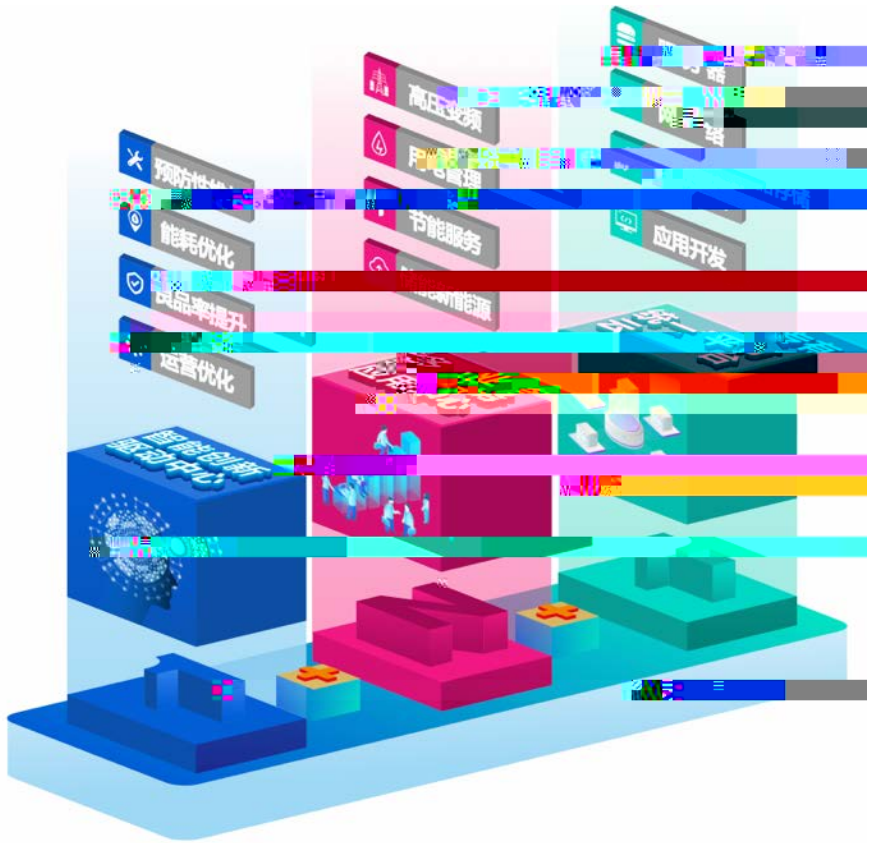
ﻫ ѽ ; Ẉ ᴶ ı ḫ א ̋Ǫ ̃Ω ° ◊ ﻝ ﭓ è Ч ⁼ ㄱ ㅍ ;

N ^ Ⱥ ﻫ ў ᵽ ў ⊓ Ẓ ɾ ı ﻝ ˜ ^ ₣ ᵽ Ẓ ɾ ﻍ ﮊ ﻝ

Ầ ʌ ㅁ ̄ ⁼ ﻝ ㄱ ㅍ ;

1 Ⱥ ṷ ǐ ¨ Ȁ ɨ ʊ ⱥ Ọ ı ﻝ ˜ ъ ṕ Ṫ ў ᵶ ̋Ǫ ̃Ω ‘

⁼ Ṫ ў Bl ɨ ṷ ß ˜ ⁼ ¨ Ȁ Ẓ ɾ



ش‌ش

Thanks for Your Time