

HSE Management Systems

Safety Management System

Asset	Generation Type	Safety Management	
		Safety Management System	NOSA Audit in 2020 (Grading)
CLP Holdings			
CLPe Solutions	Energy & Infrastructure Solutions	ISO45001	N/A
HONG KONG			
Castle Peak	Coal	ISO45001	N/A
Black Point	Gas	ISO45001	N/A
Penny's Bay	Oil	ISO45001	N/A
Transmission & Distribution Network	Power Delivery	ISO45001	N/A
MAINLAND CHINA			
Fangchenggang I & II	Coal	ISO45001 & NOSA	4 stars
Laiwu	Wind	OHSAS 18001 & NOSA	5 stars
CLP Laizhou I & II	Wind	OHSAS 18001 & NOSA	4 stars
Penglai I	Wind	ISO 45001 & NOSA	5 stars
Qian'an I & II	Wind	OHSAS 18001 & NOSA	5 stars
Sandu I	Wind	OHSAS 18001 & NOSA	4 stars
Xundian I	Wind	OHSAS 18001 & NOSA	4 stars
Dali Yang_er	Hydro	ISO45001 & NOSA	5 stars
Huaiji	Hydro	ISO45001 & NOSA	4 stars
Jiangbian	Hydro	ISO45001 & NOSA	5 stars
Huai'an	Solar	ISO45001 & NOSA	Baseline
Jinchang	Solar	OHSAS 18001 & NOSA	4 stars
Lingyuan	Solar	ISO45001 & NOSA	Baseline
Sihong	Solar	ISO45001 & NOSA	5 stars
Xicun I & II	Solar	ISO45001 & NOSA	5 stars
Meizhou	Solar	ISO45001 & NOSA	Baseline
INDIA			
Jhajjar	Coal	ISO45001	N/A
Andhra Lake	Wind	N/A ¹	N/A
Bhakrani	Wind	N/A ¹	N/A
Chandgarh	Wind	N/A ¹	N/A
Harapanahalli	Wind	N/A ¹	N/A

Safety Management			
Asset	Generation Type	Safety Management System	NOSA Audit in 2020 (Grading)
Jath	Wind	N/A ¹	N/A
Khandke	Wind	N/A ¹	N/A
Mahidad	Wind	N/A ¹	N/A
Samana I & II	Wind	N/A ¹	N/A
Saundatti	Wind	N/A ¹	N/A
Sipla	Wind	N/A ¹	N/A
Tejuva	Wind	N/A ¹	N/A
Theni I & II	Wind	N/A ¹	N/A
Tornado	Solar	N/A ¹	N/A
Gale	Solar	N/A ¹	N/A
Veltoor	Solar	N/A ¹	N/A
Clean Solar Renewable Energy (CREPL) ²	Solar	N/A ¹	N/A
Divine Solar Renewable Energy (DSPL) ²	Solar	N/A ¹	N/A
Satpura Transco Private Limited (STPL) Transmission Network ³	Power Delivery	ISO 45001	N/A
AUSTRALIA			
Mount Piper	Coal	OHSAS 18001 ⁴	N/A
Yallourn	Coal	OHSAS 18001 ⁴	N/A
Hallett	Gas	OHSAS 18001 ⁴	N/A
Tallawarra	Gas	OHSAS 18001 ⁴	N/A
Jeeralang	Gas	OHSAS 18001 ⁴	N/A
Newport	Gas	OHSAS 18001 ⁴	N/A

- NOSA - National Occupational Safety Association
- N/A - Not Applicable to the type of operation
- Under Development - System being set up with resources and staff support in place
- OHSAS - Occupational Health and Safety Assessment Series

1 The contractors implement their own safety management systems with reference to CLP's safety standards and guidelines.

2 CREPL and DSPL solar farm, acquired in 2020, will develop its ISO14001 Environmental Management System within two years.

3 CLP acquired Satpura Transco Private Limited (STPL) transmission network in 2019. Its ISO14001 Environmental Management System will be developed within two years.

4 Audit completed to upgrade to ISO45001 and currently waiting for the certificate from certification body.

Environmental Management System

Asset	Generation Type	Environmental Management System	CEMS	Environmental Management				
				Particulate Control Equipment	Low NO _x Burner	FGD	Water Management	Waste Management
CLP Holdings								
CLPe Solutions	Energy & Infrastructure Solutions	ISO14001	N/A	N/A	N/A	N/A	Yes	Yes
HONG KONG								
Castle Peak	Coal	ISO14001	Yes	Yes	Yes	Yes	Yes	Yes
Black Point	Gas	ISO14001 ¹	Yes	N/A	Yes	N/A	Yes	Yes
Penny's Bay	Oil	ISO14001	Nil	N/A	N/A	N/A	Yes	Yes
Transmission & Distribution Network	Power Delivery	ISO14001	N/A	N/A	N/A	N/A	Yes	Yes
MAINLAND CHINA								
Fangchenggang I & II	Coal	ISO14001	Yes	Yes	Yes	Yes	Yes	Yes
Laiwu	Wind	ISO14001 ²	N/A	N/A	N/A	N/A	Yes	Yes
CLP Laizhou I & II	Wind	ISO14001	N/A	N/A	N/A	N/A	Yes	Yes
Penglai I	Wind	ISO14001	N/A	N/A	N/A	N/A	Yes	Yes
Qian'an I & II	Wind	ISO14001	N/A	N/A	N/A	N/A	Yes	Yes
Sandu I	Wind	ISO14001	N/A	N/A	N/A	N/A	Yes	Yes
Xundian I	Wind	ISO14001	N/A	N/A	N/A	N/A	Yes	Yes
Dali Yang_er	Hydro	ISO14001	N/A	N/A	N/A	N/A	Yes	Yes
Huaiji	Hydro	ISO14001	N/A	N/A	N/A	N/A	Yes	Yes
Jiangbian	Hydro	ISO14001	N/A	N/A	N/A	N/A	Yes	Yes
Huai'an	Solar	ISO14001	N/A	N/A	N/A	N/A	Yes	Yes
Jinchang	Solar	ISO14001	N/A	N/A	N/A	N/A	Yes	Yes
Lingyuan	Solar	ISO14001	N/A	N/A	N/A	N/A	Yes	Yes
Sihong	Solar	ISO14001	N/A	N/A	N/A	N/A	Yes	Yes
Xicun I & II	Solar	ISO14001	N/A	N/A	N/A	N/A	Yes	Yes
Meizhou	Solar	ISO14001	N/A	N/A	N/A	N/A	Yes	Yes
INDIA								
EMS								
Jhajjar	Coal	ISO14001	Yes	Yes	Yes	Yes	Yes	Yes
Andhra Lake	Wind	ISO14001	N/A	N/A	N/A	N/A	Yes	Yes
Bhokrani	Wind	ISO14001	N/A	N/A	N/A	N/A	Yes	Yes
Chandgarh	Wind	ISO14001	N/A	N/A	N/A	N/A	Yes	Yes
Harapanahalli	Wind	ISO14001	N/A	N/A	N/A	N/A	Yes	Yes

Asset	Generation Type	Environmental Management System	Environmental Management					
			CEMS	Particulate Control Equipment	Low NO _x Burner	FGD	Water Management	Waste Management
Jath	Wind	ISO14001	N/A	N/A	N/A	N/A	Yes	Yes
Khandke	Wind	ISO14001	N/A	N/A	N/A	N/A	Yes	Yes
Mahidad	Wind	ISO14001	N/A	N/A	N/A	N/A	Yes	Yes
Samana I & II	Wind	ISO14001	N/A	N/A	N/A	N/A	Yes	Yes
Saundatti	Wind	ISO14001	N/A	N/A	N/A	N/A	Yes	Yes
Sipla	Wind	ISO14001	N/A	N/A	N/A	N/A	Yes	Yes
Tejuva	Wind	ISO14001	N/A	N/A	N/A	N/A	Yes	Yes
Theni I & II	Wind	ISO14001	N/A	N/A	N/A	N/A	Yes	Yes
Tornado	Solar	ISO14001	N/A	N/A	N/A	N/A	Yes	Yes
Gale	Solar	ISO14001	N/A	N/A	N/A	N/A	Yes	Yes
Veltoor	Solar	ISO14001	N/A	N/A	N/A	N/A	Yes	Yes
Clean Solar Renewable Energy (CREPL) ³	Solar	Under Development	N/A	N/A	N/A	N/A	Yes	Yes
Divine Solar Renewable Energy (DSPL) ³	Solar	Under Development	N/A	N/A	N/A	N/A	Yes	Yes
Satpura Transco Private Limited (STPL) Transmission Network ⁴	Power Delivery	Under Development	N/A	N/A	N/A	N/A	Yes	Yes
AUSTRALIA								
Mount Piper	Coal	ISO14001	Yes	Yes	Nil	Nil	Yes	Yes
Yallourn	Coal	ISO14001	Yes	Yes	Nil	Nil	Yes	Yes
Hallett	Gas	ISO14001	Nil	N/A	Nil	N/A	Yes	Yes
Tallawarra	Gas	ISO14001	Yes	N/A	Yes	N/A	Yes	Yes
Jeeralang	Gas	ISO14001	Nil	N/A	Nil	N/A	Yes	Yes
Newport	Gas	ISO14001	Yes	N/A	Nil	N/A	Yes	Yes

- CEMS - Continuous Emission Monitoring System
- FGD - Flue Gas Desulphurisation
- Nil - Not required by operational license
- N/A - Not Applicable to the type of operation (for Environmental Management)
- Under Development - System being set up with resources and staff support in place

1 The West New Territories (WENT) Landfill Gas Power Generation Project, which is commissioned in 2020, is included in Black Point environmental management system.

2 Laiwu III is commissioned in 2020 and will be included in Laiwu ISO14001 Environmental Management System in 2021.

3 CREPL and DSPL solar farm, acquired in 2020, will develop its ISO14001 Environmental Management System within two years.

4 CLP acquired Satpura Transco Private Limited (STPL) transmission network in 2019. Its ISO14001 Environmental Management System will be developed within two years.