



# FTSE Global Core Infrastructure TPI Climate Transition Index

19 February 2024

Indicative Index Weight Data as at Closing on 29 December 2023

Constituent	Index weight (%)	Country
Abu Dhabi Ports Company	0.05	UAE
Acciona Global Renewables	0.08	SPAIN
Adani Energy Solutions	0.02	INDIA
Adani Green Energy	0.38	INDIA
Adani Ports and Special Economic Zone	0.78	INDIA
Aena SME SA	1.15	SPAIN
Aeroports de Paris	0.2	FRANCE
AES Brasil Ltda	0.03	BRAZIL
Aguas Andinas S.A. A	0.03	CHILE
Airports of Thailand	0.1	THAILAND
Al Yah Satellite Communications	0.02	UAE
Alerion Cleanpower	0.01	ITALY
Algonquin Power & Utilities Co	0.16	CANADA
Alliant Energy	0.09	USA
Ameren Corp	0.23	USA
American Elec Power Com	0.47	USA
American States Water	0.08	USA
American Tower Corp	4.31	USA
American Water Works Company	1.16	USA
Anhui Expressway (H)	0.01	CHINA
APA Group	0.14	AUSTRALIA
Atco Class I	0.02	CANADA
Athens Water Supply & Sewerage	0.01	GREECE
Atlantica Sustainable Infrastructure plc	0.01	USA
Atlas Arteria	0.25	AUSTRALIA
Atmos Energy	0.29	USA
Auckland International Airport	0.34	NEW ZEALAND
Auren Energia SA	0.03	BRAZIL
Aurizon Holdings	0.14	AUSTRALIA
Avangrid	0.15	USA
Avista Corp	0.01	USA
Bangkok Expressway and Metro	0.02	THAILAND
Beijing Capital International Airport (H)	0.02	CHINA
Beijing Enterprises Holdings (Red Chip)	0.04	CHINA
Biotrend Cevre ve Enerji Yatirimlari AS	<0.005	TURKIYE
Boralex Cl A	0.02	CANADA
Brookfield Infrastructure	0.1	CANADA
Brookfield Renewable Corporation	0.18	CANADA
BTS Group Holdings PCL	0.04	THAILAND
California Water Service Group	0.12	USA
Canadian National Railway	3.79	CANADA
Canadian Pacific Kansas City Limited	3.73	CANADA
CCR SA	0.15	BRAZIL
Cellnex Telecom SAU	1.08	SPAIN
Cemig ON	0.08	BRAZIL
Cemig PN	0.23	BRAZIL
CenterPoint Energy	1.14	USA
Centrais Eletricas Brasileiras S.A. Ord	0.16	BRAZIL
Centrais Eletricas Brasileiras S.A. Pref B	0.04	BRAZIL
Central Japan Railway	0.96	JAPAN
Cheniere Energy	0.54	USA
China Gas Holdings (Red Chip)	0.14	CHINA
China Merchants Port Holdings (Red Chip)	0.04	CHINA
China National Nuclear Power (A) (SC SH)	0.02	CHINA
China Resources Gas Group (Red Chip)	0.14	CHINA
China Three Gorges Renewables (Group) (A) (SC SH)	0.01	CHINA
China Tower (H)	0.13	CHINA
China Water Affairs Group (P Chip)	0.01	CHINA
China Yangtze Power (A) (SC SH)	0.07	CHINA
Chorus	0.11	NEW ZEALAND
Chubu Elec Power	0.53	JAPAN
Chugoku Electric Power	0.05	JAPAN

Constituent	Index weight (%)	Country
Cia de Transmissao de Energia Eletrica P	0.02	BRAZIL
Cia Paranaense de Energia Copel Pref B	0.22	BRAZIL
Cia Paranaense de Energia Ord	0.12	BRAZIL
Clearway Energy	0.03	USA
Clearway Energy (C)	0.07	USA
CLP Holdings	0.27	HONG KONG
CMS Energy Corp	1.61	USA
Cogent Communications Holdings	0.05	USA
Companhia de Saneamento de Minas Gerais Ord	0.01	BRAZIL
Companhia de Saneamento do Parana Sanepar	0.01	BRAZIL
Concord New Energy Group (P CHIP)	0.01	CHINA
Cons Edison Holding	2.15	USA
Contact Energy	0.19	NEW ZEALAND
Container Corporation of India	0.03	INDIA
COSCO SHIPPING Ports (Red Chip)	0.03	CHINA
CPFL Energia	0.06	BRAZIL
Crown Castle Inc	2.45	USA
CSX Corp	4.19	USA
Daqin Railway (A) (SC SH)	0.01	CHINA
Dayamitra Telekomunikasi	0.02	INDONESIA
Dominion Energy	1.25	USA
Duke Energy Corp	0.96	USA
East Japan Railway	0.84	JAPAN
EcoRodovias Infraestrutura e Logistica SA	0.02	BRAZIL
Edison International	1.55	USA
EDP	1.85	PORTUGAL
EDP Renovaveis	0.16	PORTUGAL
Ela Group	0.22	BELGIUM
Emera Inc	0.21	CANADA
Enagas	0.15	SPAIN
Enbridge	2.42	CANADA
Encavis AG	0.02	GERMANY
Enel Americas S.A.	0.1	CHILE
Energisa S/A	0.01	BRAZIL
Energix Renewable Energies	0.03	ISRAEL
Energy Absolute	0.1	THAILAND
Enerjisa Enerji	0.02	TURKIYE
Enlight Renewable Energy Ltd	0.01	ISRAEL
ENN Energy Holdings (P Chip)	0.27	CHINA
Entergy Corp	0.52	USA
Equatorial Energia S/A Ord	0.11	BRAZIL
Erg	0.05	ITALY
Essential Utilities Inc	0.31	USA
Eutelsat Communications	0.01	FRANCE
Eversource Energy	0.12	USA
Eversource Energy	2.75	USA
EVN Energ-Versorg	0.01	AUSTRIA
Exelon Corporation	2.71	USA
Firstenergy Corp.	0.6	USA
FirstGroup	0.12	UNITED KINGDOM
Flughafen Wien	0.01	AUSTRIA
Flughafen Zurich	0.19	SWITZERLAND
Fortis Inc	0.63	CANADA
Fraport AG Frankfurt	0.1	GERMANY
Getlink	0.57	FRANCE
GMR Airports Infrastructure	0.06	INDIA
Greenvolt - Energias Renovaveis	0.03	PORTUGAL
greinz	0.01	JAPAN
Grupo Aeroportuario del Centro Norte Sab de CV	0.07	MEXICO
Grupo Aeroportuario del Pacifico SAB de CV Series B	0.17	MEXICO

Constituent	Index weight (%)	Country
Grupo Aeroportuario del Sureste SA de CV	0.27	MEXICO
Guangdong Investment (Red Chip)	0.03	CHINA
Guangdong Provincial Expressway (B)	0.01	CHINA
Guangshen Railway Co (H)	0.01	CHINA
Guangxi Guiguan Electric Power (A) (SC SH)	<0.005	CHINA
Gujarat Gas	0.01	INDIA
Gujarat Pipavav Port	0.01	INDIA
Gujarat State Petronet	0.02	INDIA
Hamburger Hafen und Logistik - Tendered Line	0.02	GERMANY
Hawaiian Electric	0.05	USA
Helios Towers	0.03	UNITED KINGDOM
Hera	0.21	ITALY
Hong Kong & China Gas	0.32	HONG KONG
Hutchison Port Holdings Trust	0.03	SINGAPORE
Hydro One	0.44	CANADA
Indraprastha Gas	0.02	INDIA
Indus Towers	0.03	INDIA
Infratil	0.01	NEW ZEALAND
Innervex Renewable Energy	0.06	CANADA
Interconexion Electrica SA	0.09	COLOMBIA
International Container Terminal Service	0.11	PHILIPPINES
Inversiones Aguas Metropolit	0.02	CHILE
Inwit	0.17	ITALY
IRB InvIT Fund	0.01	INDIA
Iridium Communications Inc	0.14	USA
Italgas	0.22	ITALY
Jasa Marga	0.02	INDONESIA
Jiangsu Expressway (A) (SC SH)	<0.005	CHINA
Jiangsu Expressway (H)	0.03	CHINA
Kansai Elec Power	0.35	JAPAN
Kepeco	0.23	KOREA
Kinder Morgan	0.44	USA
Korea Gas	0.04	KOREA
Kyushu Elec Power	0.28	JAPAN
Liaoning Port (A) (SC SH)	<0.005	CHINA
Mahanagar Gas	0.01	INDIA
Malaysia Airports	0.02	MALAYSIA
Manila Electric	0.02	PHILIPPINES
Manila Water	0.01	PHILIPPINES
Margun Enerji Uretim Sanayi ve Ticaret AS	<0.005	TURKIYE
Mercury NZ	0.07	NEW ZEALAND
Meridian Energy	0.56	NEW ZEALAND
MTR Corp	0.41	HONG KONG
National Grid	4.74	UNITED KINGDOM
Naturgy Energy Group SA	0.12	SPAIN
Neoen S.A.	0.11	FRANCE
Neoenenergia	0.07	BRAZIL
NetLink NBN Trust	0.09	SINGAPORE
NextEra Energy Inc	3.88	USA
NHPC	0.01	INDIA
Nisource	0.63	USA
Norfolk Sthn Corp	3.02	USA
Northland Power	0.11	CANADA
Northwest Natural Holding Company	0.05	USA
NorthWestern Energy Group Inc	0.01	USA
ONE Gas	0.07	USA
ONEOK Inc	0.96	USA
Operadora de Sites Mexicanos SA	0.01	MEXICO
Ormat Technologies	0.17	USA
Orsted	1.33	DENMARK
Osaka Gas	0.47	JAPAN

Constituent	Index weight (%)	Country
Pembina Pipeline	0.53	CANADA
Pennon Group	0.11	UNITED KINGDOM
Perusahaan Gas Negara	0.02	INDONESIA
PG & E Corp.	2.46	USA
Pinnacle West Capital Corp	0.2	USA
PNE AG	0.03	GERMANY
Portland General Electric	0.22	USA
Power Grid Corp of India	0.16	INDIA
PPL Corporation	0.12	USA
Promotora y Operadora de Infraestructura S.A. de C.V.	0.03	MEXICO
Public Svc Enterprise Group	2	USA
Rai Way	0.03	ITALY
Redeia Corporation	0.44	SPAIN
Reliance Infrastructure	0.02	INDIA
Renova	0.01	JAPAN
REN-Redes Energeticas Nacionais A	0.08	PORTUGAL
Rumo S.A.	0.16	BRAZIL
Sabesp ON	0.06	BRAZIL
Saibu Gas Holdings	0.02	JAPAN
Salik Company PJSC	0.06	UAE
Santos Brasil Participacoes SA	0.05	BRAZIL
Sarana Menara Nusantara	0.02	INDONESIA
SBA Communications	0.73	USA
Scatec ASA	0.05	NORWAY

Constituent	Index weight (%)	Country
Sempra	2.18	USA
SES FDR	0.12	FRANCE
Severn Trent	0.35	UNITED KINGDOM
Shanghai International Airport (A) (SC SH)	0.01	CHINA
Shanghai International Port (A) (SC SH)	0.01	CHINA
Shenzhen International Hdgs (Red Chip)	0.06	CHINA
Shikoku Electric Power	0.01	JAPAN
Shizuoka Gas Co Ltd	0.01	JAPAN
Sichuan Expressway (H)	0.01	CHINA
Sitios Latinoamericana SAB de CV	0.02	MEXICO
SJW Group	0.08	USA
Snam	0.36	ITALY
Solaria Energia y Medio Ambiente S.A.	0.08	SPAIN
Southern Co	1.42	USA
Spire Inc.	0.13	USA
Sunnova Energy International	0.08	USA
Sunrun	0.18	USA
Taiwan High Speed Rail	0.08	TAIWAN
Targa Resources Corp.	0.48	USA
Tata Power	0.01	INDIA
TAV Havalimanlari Holding AS	0.03	TURKIYE
TC Energy	0.16	CANADA
Terna	0.52	ITALY

Constituent	Index weight (%)	Country
Terna Energy	0.04	GREECE
Thailand Future Fund	0.01	THAILAND
Toho Gas	0.16	JAPAN
Tohoku Elec Power	0.08	JAPAN
Tokyo Gas	0.63	JAPAN
Tower Bersama Infrastructure	0.01	INDONESIA
Towngas Smart Energy (P Chip)	0.01	CHINA
Transmissora Alianca de Energia Eletrica S/A Unit	0.03	BRAZIL
Transurban Group	1.36	AUSTRALIA
TTW	0.01	THAILAND
Union Pacific Corp	4.33	USA
United Utilities Group	0.73	UNITED KINGDOM
Uniti Group	0.03	USA
Vector Ltd	0.01	NEW ZEALAND
Verbund Oesterreich Elektrizitats	0.25	AUSTRIA
Vopak Nv	0.07	NETHERLANDS
WEC Energy Group	0.8	USA
Williams Cos	0.97	USA
XCEL Energy	0.46	USA
Yuexiu Transport Infrastructure (Red Chip)	0.01	CHINA
Zhongyu Gas Holdings (Red Chip)	0.01	CHINA

## Data Explanation

### Weights

Weights data is indicative, as values have been rounded up or down to two decimal points. Where very small values are concerned, which would display as 0.00 using this rounding method, these weights are shown as <0.005.

### Timing of data

Constituents & Weights are generally published in arrears and contain the data as at the most recent quarter-end. However, some spreadsheets are updated on a more frequent basis. Please refer to the data date shown.

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Data definitions available from [lseg.com/ftse-russell](https://lseg.com/ftse-russell)

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