7 Mar 2024ar



长江基建集团 CK Infrastructure Holdings (1038 HK)

首次覆盖: 海外基建投资标杆, 分红稳增的现金牛

Top performer on overseas infrastructure investment, cash cow with growing dividend: Initiation

观点聚焦 Investment Focus



(Please see APPENDIX 1 for English summary)

长实基建板块拆分上市,引领海外基建板块投资。长江基建集团于1996年5月28日成立,原为长江实业集团有限公司("长实")持有的基建资产分拆,并于同年7月在香港联交所主板独立上市。公司聚焦于配电网络、输配气网络、交通、水务、转废为能等基建领域,业务也逐渐扩展到基础设施相关的屋苑服务等领域。长江基建业务辐射全球,除香港及大陆部分资产外,公司投资主要集中在英国、澳洲、欧洲大陆、新西兰、加拿大及美国。

核心資产盈利能力稳定,营业收入贡献最大的为英国板块。2023 年上半年公司实现营收 32.17 亿港元,同比减少 6%,含合联营公司的营业收入合计为 195.34 亿港元,同比降低 3%,归母净利润 42.39 亿港元,同比减少 4%,营收下降主要系汇兑原因导致,若以当地货币计量,合联营公司盈利同比增长 4%。将公司净利润贡献分拆,2023年上半年公司应占联营公司损益为 12.39 亿港元,应占合营公司损益20.47 亿港元,同比基本持平,两者占净利润比例在 77.52%,按区域划分,营收贡献最大的是英国板块,占比 36%。

公司财务稳健,现金分红稳定增长。长江基建旗下合联营公司每年股息和利息支出稳定,公司在手现金充裕,2023 年中报显示,公司持有现金及等价物 120.53 亿港元,同时公司还维持低负债率,截至2023 年 6 月底,公司净资产负债率在25%左右,净负债对总资产比例在9.3%的低位。长江基建集团已连续多年保持派息增长,股息支付率维持高位,股息支付率在80%左右,平均股息率4.1%。

海外价格管制规则重置完成,盈利影响小于预期。针对电网和燃气公司,英国 Ofgem 设定了以平衡电网投资、公司运营回报为目标的价格管控机制。Ofgem 定价机制称为 RIIO,其中 RIIO-ED2 是 2022年底针对电网公司提供给居民、商业等低压用户而设定的价格管制措施,实行期为 2023-2028年。RIIO-ED2 主要内容包括根据通胀制定的资本回报率补贴率为 3.9%(CPIH-REAL),这个比率低于 ED1 的 4.4%,TOTEX 补贴最低标准降低了 11.8%等。

盈利预测与投资建议: 我们预计公司 FY24-26 年公司主营业收入分别为72.03/74.17/75.09 亿港元,对应净利润为78.18/84.17/85.07 亿港元,对应 EPS 为 3.1/3.34/3.40,由于以财务投资为主且公司分红稳定,我们用 DCF 进行估值测算,目标价为52.85 HKD/股,给予2024年PE15.82 倍,首次覆盖给予"优于大市"评级。

风险提示: 政策方向不确定性风险; 汇率异常波动风险; 各国家地区基础设施部门政策及监管风险

杨斌 Bin Yang bin.yang@htisec.com

目录

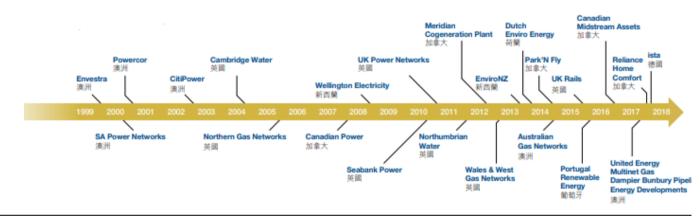
	一、	海外基建投资标杆,组	.合版图遍布全球	.国	3
	二、	公司财务稳健, 现金分	红稳定增长		4
		· · · · · · · · · · · · · · · · · · ·		的	
3.1	电能	实业			6
3.5	中国	大陆及香港板块			9
	四、	海外价格管制规则重置	完成,盈利影响	小于预期	9
	五、	盈利预测及估值			11
	六、	风险提示			13

一、 海外基建投资标杆, 组合版图遍布全球

长实基建板块拆分上市,引领海外基建板块投资。长江基建集团于1996年5月28日成立,原为长江实业集团有限公司("长实")持有的基建资产分拆,并于同年7月在香港联交所主板独立上市。公司聚焦于配电网络、输配气网络、交通、水务、转废为能等基础设施领域,业务也逐渐扩展到基础设施相关的屋苑服务等。长江基建业务辐射全球,除香港及大陆资产外,公司投资主要集中在英国、澳洲、欧洲大陆、新西兰、加拿大及美国。

背靠长和,代表集团基建板块。长江和记实业有限公司("长和")持有公司 75.67% 股权,长和系一家业务遍布全球 50 多个国家的多元化企业集团,主要经营李嘉诚家族的非地产业务,包括四个板块:港口、零售、基建和电讯,长江基建即为长和基建板块代表。从长实分拆后,1999 年开始长江基建就和电能实业进行合作,斥资 34 亿澳元买下南澳州电网的权益,这也是长江基建走出的第一步国际化烙印。

图 1: 长江基建收并购轨迹



资料来源:公司 2018 年年报, HTI

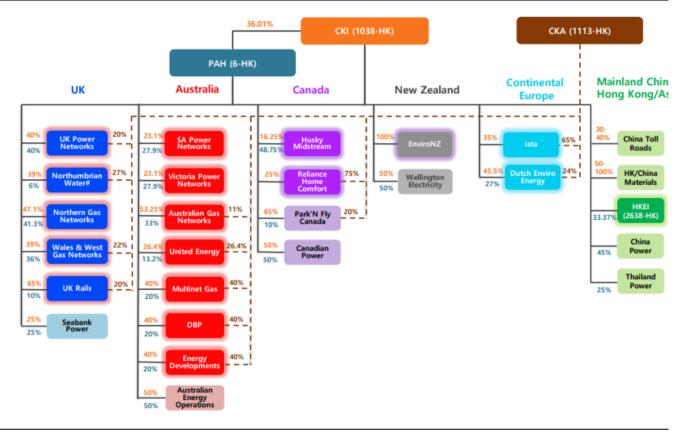
多元化组合及家庭式管理的有效结合。截至 2023 年中报,长江基建集团直接或间接持有近 30 家境内外公司股权,主要包括香港部分的电能实业(及间接持有的香港电灯集团)及内地的深汕高速(东段)、汕头海湾大桥青洲水泥等,英国板块的 UK Power Networks, Northern Gas Networks等,澳洲的 SA Power Networks等,加拿大的 Canadian Power等,欧洲大陆的 Dutch Enviro 及 ista,新西兰的 Wellington Electricity 及 EnviroNZ。尽管投资公司多且分布广,长江基建对于各合联营公司的管理方式扁平,旗下所投公司具有相对自主权。

分区域来看,营业收入贡献最大的为英国板块。公司 2021/2022/2023H1 的营业收入分别为 74.03/68.11/32.17 亿港元,同比+0.11%/-8%/-5.8%。其中按区域划分,营收贡献最大的板块是英国,占比 36%,包括 UK Power Network 等,其次是电能实业,占比 24%,澳大利亚板块排名第三,占比约 18%,其后为加拿大、欧洲大陆、新西兰、中国内地及香港(除电能实业),占比分别为 9%/9%/2%/2%,其中中国大陆及香港板块资产盈利能力较弱。

各大板块公司部分由共同实控人统一持股。作为长江系基建投资的主要公司,长江基建集团与其持有的电能实业以及长江系其他公司共同持有了多家公司股权。

长江基建 (1038 HK) 首次覆盖优于大市

图 2: 长江基建集团合联营公司持股情况



资料来源:公司资料,HTI

二、公司财务稳健, 现金分红稳定增长

核心资产盈利能力稳定,汇兑损益是波动一大变量。长江基建的主要海外投资标的中,UK Power Networks、Northern Gas Networks等为主要贡献力量,公司及所投的电能实业合计持股比例高,每年分红稳定。电能实业 2022 年年报显示,其收到的2022 年 UK Power Networks 股息分红约 11.57 亿港元,长江基建持有比例与电能实业一致。公司的核心资产中基础设施服务部门需求稳定,利润率在监管下维持在一定水平内、各国货币兑港币汇兑波动对公司盈利有较大影响。

2023 年上半年公司实现营收 32.17 亿港元,同比下降 6%,含合联营公司的营业收入合计为 195.34 亿港元,同比下降 3%,归母净利润 42.39 亿港元,同比下降 4%,营收下降主要系汇兑原因导致,若以当地货币计量,合联营公司盈利同比增长 4%。拆分公司净利润贡献来看,2023 年上半年公司应占联营公司损益为 12.39 亿港元,应占合营公司损益为 20.47 亿港元,同比基本持平,两者占净利润比例在 77.52%。

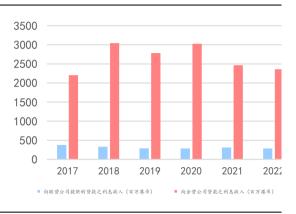
除了股息外,长江基建也向合联营公司提供股东贷款,相关利息也是公司重要的现金收入来源,2022年年报显示,长江基建向联营公司提供的贷款利息收入为2.87亿港元,向合营公司提供的贷款利息收入为23.61亿港元。

海通國際 HAITONG 长江基建 (1038 HK) 首次覆盖优于大市

图 3: 2017-2023H1 应占合联营公司利润

图 4: 2017-2023H1 公司合联营公司利息收入



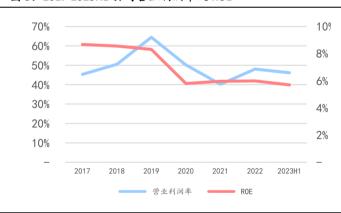


资料来源: Wind, HTI 资料来源: Wind, HTI

在手现金充裕,流动比率与净资产负债率稳定。长江基建合联营公司每年股息分派和利息支出稳定,公司在手现金充裕,2023年中报显示,公司持有现金及等价物120.53亿港元,同时公司还维持低负债率,截至2023年6月底,公司净资产负债率在25%左右,净负债占总资产比率在9.3%的低位。长江基建标普主体评级为"A-",混合证券长期评级为"BBB"。

图 5: 2017-2023H1 公司营业利润率及 ROE

图 6: 2017-2023H1 公司现金规模及净资产负债率





资料来源: Wind, HTI

资料来源: Wind, HTI

负债端看,截至 2023 年 6 月底,公司短期负债规模 28.93 亿港元,长期负债规模 227.14 亿港元,近两年拉长了债务期限。从财务费用除总债务规模的比例来看,公司资金成本一直处于低位。公司永续资本工具规模在 100 亿港元左右,永续资本工具的资金成本在 4.4%-5.4%。

从现金流来看,公司经营活动现金流持续为正,2023 年中报显示经营活动净现金流入 16.86 亿港元,同比大增 196%,主要由于 2022 年合营公司利息收入减少;2023H1 投资活动净现金流入 0.38 亿港元,筹资活动净流出 77.16 亿港元。

长江基建 (1038 HK) 首次覆盖优于大市

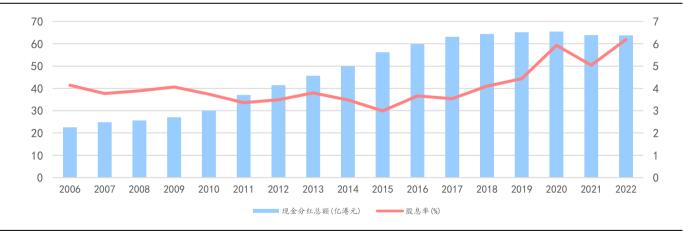
表 1: 长江基建集团合部分财务数据

亿港元	2018	2019	2020	2021	2022	2023 1H
营业收入	7,377 .00	7,277.00	7,395.00	7,403.00	6,811.00	3,217.00
yoy	16.9%	-1.4%	1.6%	0.1%	-8.0%	
净利润	112.5 3	113.44	81.59	79.54	81.73	44.59
уоу	3.7%	0.8%	-28.1%	-2.5%	2.8%	
于联营公司之权益	381.9 1	368.14	371.33	379.98	385.27	391.85
yoy	- 11.4%	-3.6%	0.9%	2.3%	1.4%	
于合营公司之权益	958.9 2	1,049.52	1,068.03	1,068.02	993.02	1,047.96
yoy	-2.6%	9.4%	1.8%	0.0%	-7.0%	
短期借款	14.42	44.47	46.55	103.89	51.48	28.93
长期借款	286.9 7	272.95	279.33	194.58	230.63	227.14
财务费用	(5.02)	(3.32)	(3.01)	(3.83)	(5.19)	(3.70)
财务费用/有息负债	1.5%	1.0%	0.8%	1.6%	2.0%	1.6%
永续资本工具	147.0 1	147.01	147.01	98.85	98.85	98.85
永续资本收益率%	5.4%	5.4%	5.4%	4.4%	4.4%	2.2%
少数股东权益	0.30	0.69	1.19	1.28	1.04	1.02
少数股东收益率%	46.7%	60.9%	36.1%	3.9%	-12.5%	

资料来源: Wind, HTI

股息支付率维持高位,高股息收益代表。长江基建集团已连续多年保持派息增长, 2023年中期,公司宣布每股派息 0.71 港元,年化股息率超过 5%。

图 7: 2006-2022 公司股息率和股息支付金额



资料来源: Wind, HTI

三、各大业务板块平稳运行, 积极寻找新标的

电能实业

海通國際

电能实业有限公司(6 HK)1976年于港股上市,长江基建持有电能实业 36.01%股权,系电能实业大股东。长江基建与电能实业 2000年一起收购了澳洲 SAPN 电网公司,此后不断在欧洲和澳洲等地联合参与收购。电能实业最主要的资产为香港电灯有限公司(2638 HK),UK Power Network等,其中港灯与 2014年于港交所拆分上市并以76.81 亿港元将 16.53%股份卖给卡塔尔投资局,目前持股比例 33.37%。

电能实业股息支付率一直维持高位,2015 年长江基建曾试图与电能实业合并,最终在股东会投票中遭到反对而未能成行,此后两年大比例超额派息后,电能实业在手净现金维持在较低水平。

400.00 30 350.00 25 300.00 20 250.00 200.00 15 150.00 10 100.00 5 50.00 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019 2020 2021 2022 2006 ■ 现金分红总额(亿港元) ■ - 股息率(%)

图 8: 2006-2022 公司股息率和股息支付金额

资料来源: Wind, HTI

英国及欧洲大陆板块

英国的投资包括服务覆盖伦敦、英格兰东南部及东部的配电网络营运商 UK Power Networks;服务英格兰北部的配气网络 Northern Gas Networks;威尔士和英格兰西南部提供配气服务的 Wales &West Gas Networks;位于布里斯托附近的火力发电厂 Seabank Power;英格兰东北部提供食水及污水处理服务及于东南部部分地区供应食水的 Northumbrian Water;以及英国三大铁路车辆租赁公司之一的 UK Rails。欧洲大陆投资主要是荷兰最大的转废为能公司 Dutch Enviro Energy;为辅助计量服务的龙头 ISTA。

表 2: 英国及欧洲大陆板块合联营公司

合联营公司名	主要业务
称	
UK Power	英国最大的配电商之一,业务包括三个地区网络,配
Networks	电服务范围覆盖伦敦、英格兰东南部及东部。此外,在当
	地尚以商业合约形式,从事为私人设施提供配电服务的非
	受管制业务。
Northern Gas	英格兰北部的配气网络
Networks	
Wales & West	盖韦尔斯及英格兰西南部地配气网络营运商
Utilities	

_	
Seabank Power	位于布里斯托市附近的 Seabank 发电站,所生产的电力
	按长期供购电合同售予 SSEEnergy Supply。火力发电总装机
	容量为 1,151 兆瓦
Northumbrian	英格兰及威尔士十家受规管食水及污水处理公司之一
Water	, 为英格兰东北部提供食水及污水处理服务, 并为英格兰
	东南部提供食水服务
UK Rails	英国三大铁路车辆租赁公司之一。公司以长期合约形
	式出租广泛类型列车
Dutch Enviro	荷兰鹿特丹及杜伊文的转废为能生产商
Energy Holdings B.V.	
ISTA	辅助计量及相关服务国际供货商,在欧洲(包括德国
	、法国、丹麦及荷兰)具有重要市场地位

资料来源:公司年报,HTI

英国是公司盈利来源的重要组成部分,截至 2023 年中期,英国板块盈利贡献为15.92 亿港元,同比下降 5%,欧洲大陆业务盈利 4.24 亿港元,同比下降 1%,下降主要由于规管重设、汇兑损失等因素影响。

澳洲及新西兰板块

澳洲的投资包括南澳州省的主要配电商 SA Power Networks;维多利亚省提供配电服务 CitiPower 及 Powercor,大型可再生能源发电商 Energy Development;澳洲之天然气配气商 Australian Gas Networks;西澳州省的主要输气管道运营商 Dampier Bunbury Pipeline;可持续能源生产商 Energy Developments;维多利亚省可再生能源输电商 Australian Energy Operations。

新西兰的投资包括新西兰首都惠灵顿及其周边地区的配电网络商 Wellington Electricity: 新西兰领先的废物及资源回收管理公司 EnviroNZ。

表 3: 澳洲及新西兰板块合联营公司

合联营公司名称	主要业务
Poercor&Citipower	在澳洲维多利亚省提供配电服务
Australian Gas Networks	向维多利亚省、南澳洲省、昆士兰省、新南威
	尔士省和北领地配送天然气
Australian Energy	营运输电缆和终端站
Operations	
SA Power Networks	南澳洲省一所配电商,超过 507 兆瓦的分布式
	能源资源已并入电网
Dampier Bunbury	天然气输送管道连 Carnarvon/Browse Basins 及
Pipeline	珀斯
Energy Development	澳洲、北美洲及欧洲拥有及营运发电设施,利
	用风力与太阳能,或堆填区沼气及煤矿废气等安
	全、洁净及低温室气体排放能源生产电力
Wellington Electricity	为新西兰惠灵顿市区及周边提供电力
Lines	
ENVIRONZ	从事多元化的垂直废物综合管理业务,服务范
	围覆盖新西兰全国

资料来源:公司年报,HTI

2023 年中报显示,澳洲业务盈利贡献为 8.26 亿港元,同比下降 18%,主要由于规管重设、上年一次性收益、汇兑损失等因素影响,以当地货币计算,盈利贡献同比下



降 13%。新西兰业务盈利贡献 7200 万港元,同比下降 5%,以当地货币计算,盈利同比增长 2%。

加拿大板块

加拿大的投资项目包括持有卑诗省 Okanagan Wind 及安大略省、阿尔伯达省及萨斯喀彻温省持有五家电厂的 Canadian Power;加拿大最具规模的机场外围停车场设施的Park'N Fly;在阿尔伯达省及萨斯喀彻温省拥有输油和输气管道等中游资产的 Canadian Midstream Assets;以及被纳入集团旗下屋宇服务基建业务组合的家居服务供货商的Reliance HomeComfort

表 4: 加拿大板块合联营公司

合联营公司名称		主要业务
Canadian	Power	电容量达 1,314 兆瓦的发电厂及风电场
Holdings		
Canadian Mids	stream	加拿大输油管道, 储存设施以及其他配套
Assets		
PARK'N Fly		加拿大主要的机场外围停车场设施公司及业内
		唯一的全国服务供货商
Reliance Home Cor	mfort	服务加拿大安大略省之住宅及商业楼宇,向客
		户提供热水炉销售及租赁、HVAC设备等家用舒适设
		备保养计划及其他家居服务

资料来源:公司年报, HTI

2023年中报显示, 2023年中期, 加拿大业务盈利贡献 4.02 亿港元, 同比增长 31%, 以当地货币计算, 溢利贡献同比增长 40%, 快速增长主要源于新业务盈利放量。

中国大陆及香港板块

中国大陆的投资项目主要集中在高速公路及桥梁等基础设施,香港的投资项目主要包括三个建筑材料生产商及一个建筑原料生产分销商。

表 5: 中国大陆及香港板块合联营公司

合联营公司名	主要业务
称	
友盟建筑材料	石料矿场并拥有另一个位于广东省中南部的矿场于香港
	的石料产品独家分销权
青洲英坭	原装配套的水泥产品制造商
深汕高速公路	140 公里高速公路, 2028 年到期
(东段)	
汕头海湾大桥	6 公里桥梁, 2028 年到期
番禺北斗大桥	3 公里桥梁, 2024 年到
青洲水泥 (云	水泥产品制造
浮)	
广东广信青洲	水泥产品制造
水泥	
云浮市祥力水	水泥产品制造、码头
泥	

资料来源:公司年报,HTI

9



2023 年中期, 香港及中国内地业务板块盈利贡献 1.02 亿港元, 同比减少 13%, 主要原因是内地收费道路车流量减少以及香港水泥需求下降。

四、海外价格管制规则重置完成, 盈利影响小于预期

英国基础设施相关公司受政府监管,价格管制机制会定期重置。长江基建海外投资主要集中在基础设施方面,而这个部门由于关乎民生,政府监管措施相对较多,以英国为例,英国天然气及电力市场管制局(Ofgem)是英国电力和燃气市场的政府监管机构,由电力监管办公室和燃气供应办公室合并而成,对电力及燃气部门实施监管

表 6: Ofgem 监管条例

次 O: Oigeiii 血 B 小 N	
监管条例	主要内容
Balancing and settlement	对电力供给平衡和结算的要求,由 Elexon 负
code	责执行
Connection and use of	对使用国家电力传输系统的框架要求,由
system code	National Grid 负责执行
Distribution code	使用电力分配渠道之间的联络及共享,由
	Energy Networks Association 负责执行
Grid Code	对所有技术及实际操作中使用国家电力传输
	系统的要求,由 National Grid 负责执行
Master Registration	电力供应公司和电力分配公司之间的管理机
Agreement	制,由 Gemsery 负责执行
System operator –	国家电力传输系统管理者与海上/陆地电力
transmission owner code	传输系统的控制人之间的管理要求,由 National
	Grid 负责执行
Distribution Connection and	为所有连接或使用电力分配网络方提供一套
use of system agreement	统一集中化文件,由 Electralink 负责执行
Uniform Network Code	天然气供给和传输的法律和合同框架,由
	Joint Office of Gas Transporters 负责执行
Independent Gas	简化和协调 iGTs,由 Gemsery 负责执行
Transporter Uniform Network	
Code	
Supply Point Administration	对天然气供应商与英国交通运输天然气零售
Agreement (SPAA)	市场间制定的操作安排,由 Electralink 负责执行
Smart Energy Code	天然气和电力终端智能计量管理方案,由
	SECAS 负责执行
and the second s	

资料来源: Ofgem, HTI

针对电网和燃气公司, 英国 ofgem 设定了价格管控机制。价格管控机制目标以平衡电网投资、公司运营回报。Ofgem 定价模型为 RIIO, 其中 RIIO-ED2 是 2022 年底针对电网公司提供给居民、商业等低压用户而设定的价格管制措施,实行期为 2023-2028 年,RIIO-ED1 实行期为 2015-2023 年。此外 RIIO-2 是针对天然气的价格管制措施,RIIO-T2 是针对高压用户的价格管制机制,在此我们以 RIIO-ED2 为例阐述海外价格管控机制的原理和最新条例。

表 7: Ofgem 价格管制模型

Revenue = Innovation + Incentives + Outputs' 'ED' stands for Electricity Distribution,

模型输入要素	内容
公司财务数据	公司总受监管资产规模,区间增资或回购,增发股权
	成本,股息率,净负债额,净负债率,债务成本,预期债
	务成本增长, 应税资产及税费预计。
公司支出数据	固定补贴的资本支出类别:针对管道扩容,运输性资
	产检修等的补贴可变补贴的资本支出类别;设备安全性升
	级,高价值项目,外观维修项目,特定街道工程,轨道电
	气化等项目。
直接补贴项目(养老金计划相关的收入赤字补贴,老旧产能设备资产
Direct allowed	损失等
revenue terms, DARTs)	

资料来源: Ofgem, HTI

Ofgem 价格管制模型会根据公司的具体情况设定参考价格,从而厘定公司的特定时间的收入和盈利。2022 年 11 月 30 日, ofgem 公布了最新的 RIIO-ED2 价格管制规则, 其中要点包括以下方面。

表 8: RIIO-ED2 重点内容

序	内容
号	
1	TOTEX 补贴最低标准降低了 11.8%。
2	持续经营有效性目标为 1%,市场参与者更容易达到,符合 CMA 能源
2	及水务相关的呼吁。
	计算领先效率的方法变为自上而下和自下而上评估的叠加, 比不可
3	行的基准参考值更易取得。
4	效率领先的阈值从前 75%提高至前 85%。
_	output delivery incentive 产出交付激励及惩罚费率为受规管净资产规
5	模的 2.65%及-4%。
6	增加了商务计划奖励,同时没有设立惩罚金。
	根据通胀制定的资本回报率补贴率为3.9%(CPIH-REAL),这个比率低
7	于 ED1 的 4.4%,加上 ED1 65%的净资产负债率基数和 ED2 60%的净资产
/	负债率基数变化,资产负债表端合计总有 10%的降幅,但 ofgem 在 WACC
	和 TOTEX 补贴上分别给于了 64bps 和 6%增长。
8	回报调整机制的阈值调整至基准回报线的%-4%偏离。
0	所有公司都满足 Baa1-A3 信用评级,利息保障倍数在 1.31-1.42 倍之
9	间。
10	针对对于低成本净零政策的支持, RIIO-RD2 的补贴政策比 RD1 更高。

资料来源: Ofgem, HTI

针对天然气的价格管制机制也与之类似,在价格管制下,基础设施企业根据自身的情况可以基本确定公司一定期间盈利水平。



五、盈利预测及估值

表 9: 长江基建财务报表和预测

资产负债表(百万港元)	2022A	2023E	2024E	2025E	利润表 (百万港元)	2022A	2023E	2024E	2025
现金及现金等价物	18,045	17,879	19,190	20,835	营业收入	6,811	7,203	7,417	7,509
应收款项	1,118	1,289	1,213	1,207	营业成本	4,364	4,333	4,441	4,380
存货净额	309	209	230	249	营业利润	3,176	3,205	3,349	3,609
其他流动资产	53	73	93	113	应占联营公司损益	2,442	2,295	2,605	2,520
流动资产合计	19,525	19,449	20,725	22,404	应占共同控制实体损益	3,084	2,912	2,961	2,986
固定资产及在建工程	3,017	3,004	3,017	3,012	财务费用	519	401	434	451
长期股权投资	1,590	1,613	1,605	1,603	汇兑损益	111	-30	90	57
无形资产	38,527	39,185	40,752	41,975	营业外净收支	-	-	-	-
其他非流动资产	103,208	106,075	109,708	111,620	利润总额	10,928	11,358	11,473	8,347
非流动资产合计	146,342	149,877	155,082	158,210	所得税费用	121	152	153	149
黄产总计	165,867	169,326	175,807	180,614	净利润	8,173	7,830	8,418	8,570
					少数股东损益	-13	12	1	-0
短期借款	5,148	2,891	4,020	3,519	归母净利润	7,748	7,818	8,417	8,570
应付款项	6,173	5,585	4,743	3,620					
其他流动负债	947	590	616	536	财务指标	2022A	2023E	2024E	2025
流动负债合计	12,268	9,066	9,378	7,675	盈利能力				
长期借款及应付债券	23,063	22,714	20,443	18,398	ROE	6%	6%	6%	69
其他长期负债	1,154	333	357	346	营业利润率	48%	46%	47%	50%
长期负债合计	24,217	23,047	20,800	18,744	成长能力				
负债合计	36,485	32,113	30,177	26,419	营业收入增长率	-4%	1%	1%	-1%
股本	2,520	2,520	2,520	2,520	营业利润增长率	12%	1%	4%	8%
股东权益	129,381	137,214	145,630	154,197	净利润增长率	3%	1%	8%	29
负债和股东权益总计	165,867	169,326	175,807	180,614	偿债能力				
					净资产负债率	28%	23%	21%	17%
现金流量表(百万港元)	2022A	2023E	2024E	2025E	流动比	1.59	2.15	2.21	2.92
净利润	8,294	7,830	8,418	8,570	速动比	1.57	2.12	2.19	2.89
折旧摊销	-287	-294	-297	-293	每股指标与估值	2022A	2023E	2024E	2025
营运资金变动	306	767	779	793	每股指标				
其他	-6,596	-7,091	-6,662	-7,001	EPS	3.07	3.10	3.34	3.40
经营活动现金流	1,717	1,211	2,237	2,069	股息支付率	0.82	0.82	0.76	0.75
资本支出	14,868	5,025	5,156	5,193	估值				
其他	-	-20	-20	-20	P/E	14.96	14.83	13.77	13.53
投资活动现金流	14,868	5,005	5,136	5,173	P/B	0.90	0.84	0.80	0.7
债务融资	149	149	-306	-3	P/S	17.02	16.09	15.63	15.4
筹资活动现金流	-6,625	-6,299	-6,718	-6,418	DPS (HKD/share)	2.53	2.55	2.54	2.54
现金净增加额	9,960	-83	655	823	Dividend yield	6%	6%	6%	69

资料来源:公司报告,HTI

海外投資业务: 2023 年中期数据显示海外合联营公司盈利在不考虑汇兑因素的情况下,以当地货币计量增长持平或转正,我们认为在新的管制政策下,长江基建的合联营公司盈利依然稳健,叠加汇兑因素及美联储降息预期,公司盈利增长可期。同时,在走向降息周期的宏观背景下,公司投资意愿更强和投资选择更广,新投资盘活现金以获取更高收益,公司历年股息支付率在60%-80%,新投资或增加股东回报。

我们预计公司 FY24-26 年公司主营业收入分别为 72.03/74.17/75.09 亿港元,对应净利润为 78.18/84.17/85.07 亿港元,对应 EPS 为 3.1/3.34/3.40,由于以财务投资为主且公司分红稳定,我们用 DCF 进行估值测算,目标价为 52.85 港元/股,首次覆盖给予"优于大市"评级。

表 10: 长江基建 DCF

百万港元	2024E	2025E	2026E	2027E	2028E	2029E	2030E	2031E	2032E	20331
	1,公司以目前			不进行新的	收并购或卖	出资产。				
	2, 长期看, 2 3, 由于公司。			光红的 -	的 云 志 th ttl	# 左20 年 N L	他退入形式	きハヨと 即の	到水亚外工	移分的均
	3, 田丁公司 : 值回归。	上女权贝本	. 斑 段 他 们 ;	大孙的, 一	放巡告别队	邻在30 十以上	-,假以合联官	公可入州鱼	利不干处了	悠足的均
假设条件	4,公司每年等	实际收到的	股息和利,	息为其现金	流入。					
	5, 无风险利益									
	 6,假设公司与 7,假设综合和 		水平一致,	但通胀带	动的收入增	长和成本抵消	「,通胀以美耶	长储的2%目标	为代表。	
# A 16 x 10 4 11.										
现金收入与支出 向联营公司提供的贷款之利息收入	294	297	293	295	295	294	295	295	295	295
借予共同控制实体贷款之利息收入	2,618	2,482	2,487	2,529	2,499	2,505	2,511	2,505	2,507	2,508
合联营公司股息收入	5,379	5,523	5,581	5,494	5,532	5,536	5,521	5,530	5,529	5,526
财务费用	(401)	(434)	(451)	(429)	(438)	(440)	(436)	(438)	(438)	(437)
合计	7,891	7,868	7,909	7,889	7,889	7,896	7,891	7,892	7,893	7,892
现金流折现价值(百万港元)	133,181	7,000	7,505	7,005	7,003	7,030	7,031	7,032	7,055	7,032
股份数 (百万)	2,520									
Tax rate	15%									
Debt ratio	20%									
Beta	0.51									
Risk free rate	4%									
Risk premium	1%									
Equity cost	5%									
Debt cost	5%									
Debt cost (After tax)	4%									
WACC	5%									
Perpetual Growth	2%									
每股价值(港元/股)	52.85									
			敏感性分析							
				通胀				3.00%		
					3.00%	1.00% 176,708	1.50% 165,140	2.00% 154,647	2.50% 145,113	136,434
					3.50%	165,140	154,647	145,113	136,434	128,519
			无风险利率	<u>.</u>	4.20%	150,725	141,544	133,181	125,549	118,572
		•	しんしょ イナー		4.50%	145,113	136,434	128,519	123,349	114,671
					5.00%	136,434	128,519	121,289	114,671	108,605
					3.0070	130,737	120,313	121,209	117,0/1	100,000

六、风险提示

- 1.国际地缘政治风险;
- 2.汇率异常波动风险;
- 3.各国家地区基础设施部门政策及监管风险

APPENDIX 1

Summary

Split from infrastructure sector of Cheung Kong Group, CKI is leading overseas infrastructure sector investments. Established on May 28, 1996, as the split of infrastructure assets held by Cheung Kong Group Limited ("Cheung Kong"), the company listed on the Main Board of the Hong Kong Stock Exchange in July of the same year. Focused on infrastructure areas such as power distribution networks, gas transmission networks, transportation, water services, and waste-to-energy, the business expanded gradually into related sectors like estate services. Aside from assets in Hong Kong and mainland China, the company concentrated its investments in the United Kingdom, Australia, continental Europe, New Zealand, Canada, and the United States.

With stable profitability in core assets, the UK segment contributes the most to the operating revenue. In the first half year of 2023, the company achieved revenue of HKD 3.22 billion, a 6% YoY decrease. The total operating income including joint ventures was HKD 19.53 billion, a 3% YoY decrease. Net profit attributable to shareholders was HKD 4.24billion, a 4% YoY decrease. The decline in revenue was mainly due to exchange rate fluctuations. Adjusting for local currency, joint ventures' profit increased by 4% YoY. Segmenting the net profit, the company's share in joint ventures' profit was HKD 1.24 billion, and in associate companies' profit was HKD 2.05 billion, almost the same as the previous year, contributing to 77.52% of the net profit. Geographically, the UK segment was the largest contributor to revenue, accounting for 36%.

The company has robust finances, and its cash dividends show steady growth. CKI's joint ventures have stable annual dividend and interest payments. As of mid-2023, the company held cash and cash equivalents of HKD 12.05 billion, high cash with a low debt ratio. As of the end of June 2023, the net debt-to-equity ratio was around 25%, with a net debt-to-total-assets ratio at a low of 9.3%. The dividend payout rate remains high, with the company consistently increasing dividends from 2006 to the present. The dividend payout ratio has been around 80%, with an average dividend yield of 4.1% historically.

The overseas regulatory price control rules have been reset, with the final version setting conditions better than the discussion version. For electricity and gas companies, Ofgem in the UK has established a price control mechanism. The price control mechanism balances grid investment and company operational returns. Ofgem's pricing model is RIIO, and RIIO-ED2 is a price control measure set at the end of 2022 for grid companies serving low-pressure users such as residents and businesses, effective from 2023 to 2028. RIIO-ED2 includes a capital return subsidy rate of 3.9% (CPIH-REAL) based on inflation, which is lower than the 4.4% of ED1. The minimum standard for TOTEX subsidies has been reduced by 11.8%, among other measures.

Profit Forecast and Investment Recommendations: We anticipate the company's main operating revenue for FY24-26 to be HKD 7.20/7.42/7.51 billion, with corresponding net profits of HKD 7.82/8.42/8.51 billion, and EPS of 3.1/3.34/3.40. As the company focus on financial investments with stable dividend payouts, we conducted a valuation using DCF, resulting in a target price of HKD 52.85 per share. In our initial coverage, we initiate the coverage with an "Outperform" rating.

Risk: International geopolitical risks; currency exchange rate fluctuations risk; policies and regulatory risks in certain countries' infrastructure sectors.

附录 APPENDIX

重要信息披露

本研究报告由海通国际分销,海通国际是由海通国际研究有限公司(HTIRL),Haitong Securities India Private Limited (HSIPL),Haitong International Japan K.K. (HTIJKK)和海通国际证券有限公司(HTISCL)的证券研究团队所组成的全球品牌,海通国际证券集团(HTISG)各成员分别在其许可的司法管辖区内从事证券活动。

IMPORTANT DISCLOSURES

This research report is distributed by Haitong International, a global brand name for the equity research teams of Haitong International Research Limited ("HTIRL"), Haitong Securities India Private Limited ("HSIPL"), Haitong International Japan K.K. ("HTIJKK"), Haitong International Securities Company Limited ("HTISCL"), and any other members within the Haitong International Securities Group of Companies ("HTISG"), each authorized to engage in securities activities in its respective jurisdiction.

HTIRL 分析师认证 Analyst Certification:

我,杨斌,在此保证(i)本研究报告中的意见准确反映了我们对本研究中提及的任何或所有目标公司或上市公司的个人观点,并且(ii)我的报酬中没有任何部分与本研究报告中表达的具体建议或观点直接或间接相关;及就此报告中所讨论目标公司的证券,我们(包括我们的家属)在其中均不持有任何财务利益。我和我的家属(我已经告知他们)将不会在本研究报告发布后的3个工作日内交易此研究报告所讨论目标公司的证券。I, Bin Yang, certify that (i) the views expressed in this research report accurately reflect my personal views about any or all of the subject companies or issuers referred to in this research and (ii) no part of my compensation was, is or will be directly or indirectly related to the specific recommendations or views expressed in this research report; and that I (including members of my household) have no financial interest in the security or securities of the subject companies discussed. I and my household, whom I have already notified of this, will not deal in or trade any securities in respect of the issuer that I review within 3 business days after the research report is published.

利益冲突披露 Conflict of Interest Disclosures

海通国际及其某些关联公司可从事投资银行业务和/或对本研究中的特定股票或公司进行做市或持有自营头寸。就本研究报告而言,以下是有关该等关系的披露事项(以下披露不能保证及时无遗漏,如需了解及时全面信息,请发邮件至 ERD-Disclosure@htisec.com)

HTI and some of its affiliates may engage in investment banking and / or serve as a market maker or hold proprietary trading positions of certain stocks or companies in this research report. As far as this research report is concerned, the following are the disclosure matters related to such relationship (As the following disclosure does not ensure timeliness and completeness, please send an email to ERD-Disclosure@htisec.com if timely and comprehensive information is needed).

评级定义(从2020年7月1日开始执行):

海通国际(以下简称"HTI")采用相对评级系统来为投资者推荐我们覆盖的公司:优于大市、中性或弱于大市。投资者应仔细阅读HTI的评级定义。并且HTI发布分析师观点的完整信息,投资者应仔细阅读全文而非仅看评级。在任何情况下,分析师的评级和研究都不能作为投资建议。投资者的买卖股票的决策应基于各自情况(比如投资者的现有持仓)以及其他因素。

分析师股票评级

优于大市,未来 12-18 个月内预期相对基准指数涨幅在 10%以上,基准定义如 下

中性,未来 12-18 个月内预期相对基准指数变化不大,基准定义如下。根据FINRA/NYSE 的评级分布规则,我们会将中性评级划入持有这一类别。

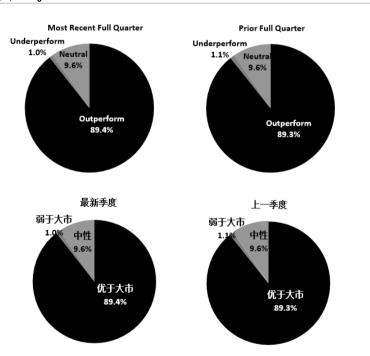
弱于大市,未来 12-18 个月内预期相对基准指数跌幅在 10%以上,基准定义如 下

各地股票基准指数:日本-TOPIX,韩国-KOSPI,台湾-TAIEX,印度-Nifty100,美国-SP500;其他所有中国概念股-MSCI China.

Ratings Definitions (from 1 Jul 2020):

Haitong International uses a relative rating system using Outperform, Neutral, or Underperform for recommending the stocks we cover to investors. Investors should carefully read the definitions of all ratings used in Haitong International Research. In addition, since Haitong International Research contains more complete information concerning the analyst's views, investors should carefully read Haitong International Research, in its

评级分布 Rating Distribution





entirety, and not infer the contents from the rating alone. In any case, ratings (or research) should not be used or relied upon as investment advice. An investor's decision to buy or sell a stock should depend on individual circumstances (such as the investor's existing holdings) and other considerations.

Analyst Stock Ratings

Outperform: The stock's total return over the next 12-18 months is expected to exceed the return of its relevant broad market benchmark, as indicated below.

Neutral: The stock's total return over the next 12-18 months is expected to be in line with the return of its relevant broad market benchmark, as indicated below. For purposes only of FINRA/NYSE ratings distribution rules, our Neutral rating falls into a hold rating category.

Underperform: The stock's total return over the next 12-18 months is expected to be below the return of its relevant broad market benchmark, as indicated below.

Benchmarks for each stock's listed region are as follows: Japan – TOPIX, Korea – KOSPI, Taiwan – TAIEX, India – Nifty100, US – SP500; for all other China-concept stocks – MSCI China.

截至 2023 年 12 月 31 日海通国际股票研究评级分布

	优于大市	中性 (持有)	弱于大市
海通国际股票研究覆盖率	89.4%	9.6%	1.0%
投资银行客户*	3.9%	5.1%	5.6%

^{*}在每个评级类别里投资银行客户所占的百分比。

上述分布中的买入,中性和卖出分别对应我们当前优于大市,中性和落后大市评级。

只有根据 FINRA/NYSE 的评级分布规则,我们才将中性评级划入持有这一类别。请注意在上表中不包含非评级的股票。

此前的评级系统定义(直至 2020 年 6 月 30 日):

买入, 未来 12-18 个月内预期相对基准指数涨幅在 10%以上, 基准定义如下

中性,未来 12-18 个月内预期相对基准指数变化不大,基准定义如下。根据 FINRA/NYSE 的评级分布规则,我们会将中性评级划入持有这一类别。

卖出,未来12-18个月内预期相对基准指数跌幅在10%以上,基准定义如下

各地股票基准指数: 日本-TOPIX,韩国-KOSPI,台湾-TAIEX,印度-Nifty100;其他所有中国概念股-MSCI China.

Haitong International Equity Research Ratings Distribution, as of December 31, 2023

	Outperform	Neutral	Underperform
		(hold)	
HTI Equity Research Coverage	89.4%	9.6%	1.0%
IB clients*	3.9%	5.1%	5.6%

^{*}Percentage of investment banking clients in each rating category.

BUY, Neutral, and SELL in the above distribution correspond to our current ratings of Outperform, Neutral, and Underperform.

For purposes only of FINRA/NYSE ratings distribution rules, our Neutral rating falls into a hold rating category. Please note that stocks with an NR designation are not included in the table above.

Previous rating system definitions (until 30 Jun 2020):

BUY: The stock's total return over the next 12-18 months is expected to exceed the return of its relevant broad market benchmark, as indicated below.

NEUTRAL: The stock's total return over the next 12-18 months is expected to be in line with the return of its relevant broad market benchmark, as indicated below. For purp oses only of FINRA/NYSE ratings distribution rules, our Neutral rating falls into a hold rating category.

SELL: The stock's total return over the next 12-18 months is expected to be below the return of its relevant broad market benchmark, as indicated below.



Benchmarks for each stock's listed region are as follows: Japan - TOPIX, Korea - KOSPI, Taiwan - TAIEX, India - Nifty100; for all other China-concept stocks - MSCI China.

海通国际非评级研究:海通国际发布计量、筛选或短篇报告,并在报告中根据估值和其他指标对股票进行排名,或者基于可能的估值倍数提出建议价格。这种排名或建议价格并非为 了进行股票评级、提出目标价格或进行基本面估值,而仅供参考使用。

Haitong International Non-Rated Research: Haitong International publishes quantitative, screening or short reports which may rank stocks according to valuation and other metrics or may suggest prices based on possible valuation multiples. Such rankings or suggested prices do not purport to be stock ratings or target prices or fundamental values and are for information only.

海通国际 A 股覆盖: 海通国际可能会就沪港通及深港通的中国 A 股进行覆盖及评级。海通证券(600837.CH),海通国际于上海的母公司,也会于中国发布中国 A 股的研究报告。但是 . 海通国际使用与海通证券不同的评级系统. 所以海通国际与海通证券的中国 A 股评级可能有所不同。

Haitong International Coverage of A-Shares: Haitong International may cover and rate A-Shares that are subject to the Hong Kong Stock Connect scheme with Shanghai and Shenzhen. Haitong Securities (HS; 600837 CH), the ultimate parent company of HTISG based in Shanghai, covers and publishes research on these same A-Shares for distribution in mainland China. However, the rating system employed by HS differs from that used by HTI and as a result there may be a difference in the HTI and HS ratings for the same A-share stocks.

海通国际优质 100 A 股 (Q100) 指数: 海通国际 Q100 指数是一个包括 100 支由海通证券覆盖的优质中国 A 股的计量产品。这些股票是通过基于质量的筛选过程,并结合对海通证券 A 股团队自下而上的研究。海通国际每季对 Q100 指数成分作出复审。

Haitong International Quality 100 A-share (Q100) Index: HTI's Q100 Index is a quant product that consists of 100 of the highest-quality A-shares under coverage at HS in Shanghai. These stocks are carefully selected through a quality-based screening process in combination with a review of the HS A-share team's bottom-up research. The Q100 constituent companies are reviewed quarterly.

盟浪义利 (FIN-ESG) 数据通免责声明条款:在使用盟浪义利 (FIN-ESG) 数据之前,请务必仔细阅读本条款并同意本声明:

第一条 义利(FIN-ESG)数据系由盟浪可持续数字科技有限责任公司(以下简称"本公司")基于合法取得的公开信息评估而成,本公司对信息的准确性及完整性不作任何保证。对公司 的评估结果仅供参考,并不构成对任何个人或机构投资建议,也不能作为任何个人或机构购买、出售或持有相关金融产品的依据。本公司不对任何个人或机构投资者因使用本数据表 述的评估结果造成的任何直接或间接损失负责。

第二条 盟浪并不因收到此评估数据而将收件人视为客户,收件人使用此数据时应根据自身实际情况作出自我独立判断。本数据所载内容反映的是盟浪在最初发布本数据日期当日的判 断,盟浪有权在不发出通知的情况下更新、修订与发出其他与本数据所载内容不一致或有不同结论的数据。除非另行说明,本数据(如财务业绩数据等)仅代表过往表现,过往的业 绩表现不作为日后回报的预测。

第三条 本数据版权归本公司所有,本公司依法保留各项权利。未经本公司事先书面许可授权,任何个人或机构不得将本数据中的评估结果用于任何营利性目的,不得对本数据进行修 改、复制、编译、汇编、再次编辑、改编、删减、缩写、节选、发行、出租、展览、表演、放映、广播、信息网络传播、摄制、增加图标及说明等,否则因此给盟浪或其他第三方造 成损失的,由用户承担相应的赔偿责任,盟浪不承担责任。

第四条 如本免责声明未约定,而盟浪网站平台载明的其他协议内容(如《盟浪网站用户注册协议》《盟浪网用户服务(含认证)协议》《盟浪网隐私政策》等)有约定的,则按其他协议的约定执行;若本免责声明与其他协议约定存在冲突或不一致的,则以本免责声明约定为准。

SusallWave FIN-ESG Data Service Disclaimer: Please read these terms and conditions below carefully and confirm your agreement and acceptance with these terms before using SusallWave FIN-ESG Data Service.

- 1. FIN-ESG Data is produced by SusallWave Digital Technology Co., Ltd. (In short, SusallWave)'s assessment based on legal publicly accessible information. SusallWave shall not be responsible for any accuracy and completeness of the information. The assessment result is for reference only. It is not for any investment advice for any individual or institution and not for basis of purchasing, selling or holding any relative financial products. We will not be liable for any direct or indirect loss of any individual or institution as a result of using SusallWave FIN-ESG Data.
- 2. SusallWave do not consider recipients as customers for receiving these data. When using the data, recipients shall make your own independent judgment according to your practical individual status. The contents of the data reflect the judgment of us only on the release day. We have right to update and amend the data and release other data that contains inconsistent contents or different conclusions without notification. Unless expressly stated, the data (e.g., financial performance data) represents past performance only and the past performance cannot be viewed as the prediction of future return.
- 3. The copyright of this data belongs to SusallWave, and we reserve all rights in accordance with the law. Without the prior written permission of our company, none of individual or institution can use these data for any profitable purpose. Besides, none of individual or institution can take actions such as amendment, replication, translation, compilation, re-editing, adaption, deletion, abbreviation, excerpts, issuance, rent, exhibition, performance, projection, broadcast, information network transmission, shooting, adding icons and instructions. If any loss of SusallWave or any third-party is caused by those actions, users shall bear the corresponding compensation liability. SusallWave shall not be responsible for any loss.
- 4. If any term is not contained in this disclaimer but written in other agreements on our website (e.g. User Registration Protocol of SusallWave Website, User Service (including authentication)



Agreement of SusallWave Website, Privacy Policy of Susallwave Website), it should be executed according to other agreements. If there is any difference between this disclaim and other agreements, this disclaimer shall be applied.

重要免责声明:

非印度证券的研究报告:本报告由海通国际证券集团有限公司("HTISGL")的全资附属公司海通国际研究有限公司("HTIRL")发行,该公司是根据香港证券及期货条例(第 571 章)持 有第 4 类受规管活动(就证券提供意见)的持牌法团。该研究报告在 HTISGL 的全资附属公司 Haitong International (Japan) K.K.("HTIJKK")的协助下发行,HTIJKK 是由日本关东财务局监 管为投资顾问。

印度证券的研究报告: 本报告由从事证券交易、投资银行及证券分析及受 Securities and Exchange Board of India("SEBI")监管的 Haitong Securities India Private Limited("HTSIPL")所发行,包括制作及发布涵盖 BSE Limited("BSE")和 National Stock Exchange of India Limited("NSE")上市公司(统称为「印度交易所」)的研究报告。HTSIPL 于 2016 年 12 月 22 日被收购并成为海通国际证券集团有限公司("HTISG")的一部分。

所有研究报告均以海通国际为名作为全球品牌,经许可由海通国际证券股份有限公司及/或海通国际证券集团的其他成员在其司法管辖区发布。

本文件所载信息和观点已被编译或源自可靠来源,但 HTIRL、HTISCL 或任何其他属于海通国际证券集团有限公司("HTISG")的成员对其准确性、完整性和正确性不做任何明示或暗示的声明或保证。本文件中所有观点均截至本报告日期,如有更改,恕不另行通知。本文件仅供参考使用。文件中提及的任何公司或其股票的说明并非意图展示完整的内容,本文件并非/不应被解释为对证券买卖的明示或暗示地出价或征价。在某些司法管辖区,本文件中提及的证券可能无法进行买卖。如果投资产品以投资者本国货币以外的币种进行计价,则汇率变化可能会对投资产生不利影响。过去的表现并不一定代表将来的结果。某些特定交易,包括设计金融衍生工具的,有产生重大风险的可能性,因此并不适合所有的投资者。您还应认识到本文件中的建议并非为您量身定制。分析师并未考虑到您自身的财务情况,如您的财务状况和风险偏好。因此您必须自行分析并在适用的情况下咨询自己的法律、税收、会计、金融和其他方面的专业顾问,以期在投资之前评估该项建议是否适合于您。若由于使用本文件所载的材料而产生任何直接或间接的损失,HTISG及其董事、雇员或代理人对此均不承担任何责任。

除对本文内容承担责任的分析师除外,HTISG 及我们的关联公司、高级管理人员、董事和雇员,均可不时作为主事人就本文件所述的任何证券或衍生品持有长仓或短仓以及进行买卖。 HTISG 的销售员、交易员和其他专业人士均可向 HTISG 的相关客户和公司提供与本文件所述意见相反的口头或书面市场评论意见或交易策略。HTISG 可做出与本文件所述建议或意见不一致的投资决策。但HTIRL没有义务来确保本文件的收件人了解到该等交易决定、思路或建议。

请访问海通国际网站 www.equities.htisec.com,查阅更多有关海通国际为预防和避免利益冲突设立的组织和行政安排的内容信息。

非美国分析师披露信息:本项研究首页上列明的海通国际分析师并未在 FINRA 进行注册或者取得相应的资格,并且不受美国 FINRA 有关与本项研究目标公司进行沟通、公开露面和自营证券交易的第 2241 条规则之限制。

IMPORTANT DISCLAIMER

For research reports on non-Indian securities: The research report is issued by Haitong International Research Limited ("HTIRL"), a wholly owned subsidiary of Haitong International Securities Group Limited ("HTISGL") and a licensed corporation to carry on Type 4 regulated activity (advising on securities) for the purpose of the Securities and Futures Ordinance (Cap. 571) of Hong Kong, with the assistance of Haitong International (Japan) K.K. ("HTIJKK"), a wholly owned subsidiary of HTISGL and which is regulated as an Investment Adviser by the Kanto Finance Bureau of Japan.

For research reports on Indian securities: The research report is issued by Haitong Securities India Private Limited ("HSIPL"), an Indian company and a Securities and Exchange Board of India ("SEBI") registered Stock Broker, Merchant Banker and Research Analyst that, inter alia, produces and distributes research reports covering listed entities on the BSE Limited ("BSE") and the National Stock Exchange of India Limited ("NSE") (collectively referred to as "Indian Exchanges"). HSIPL was acquired and became part of the Haitong International Securities Group of Companies ("HTISG") on 22 December 2016.

All the research reports are globally branded under the name Haitong International and approved for distribution by Haitong International Securities Company Limited ("HTISCL") and/or any other members within HTISG in their respective jurisdictions.

The information and opinions contained in this research report have been compiled or arrived at from sources believed to be reliable and in good faith but no representation or warranty, express or implied, is made by HTIRL, HTISCL, HSIPL, HTIJKK or any other members within HTISG from which this research report may be received, as to their accuracy, completeness or correctness. All opinions expressed herein are as of the date of this research report and are subject to change without notice. This research report is for information purpose only. Descriptions of any companies or their securities mentioned herein are not intended to be complete and this research report is not, and should not be construed expressly or impliedly as, an offer to buy or sell securities. The securities referred to in this research report may not be eligible for purchase or sale in some jurisdictions. If an investment product is denominated in a currency other than an investor's home currency, a change in exchange rates may adversely affect the investment. Past performance is not necessarily indicative of future results. Certain transactions, including those involving derivatives, give rise to substantial risk and are not suitable for all investors. You should also bear in mind that recommendations in this research report are not tailor-made for you. The analyst has not taken into account your unique financial circumstances, such as your financial situation and risk appetite. You must, therefore, analyze and should, where applicable, consult your own legal, tax, accounting, financial



and other professional advisers to evaluate whether the recommendations suits you before investment. Neither HTISG nor any of its directors, employees or agents accepts any liability whatsoever for any direct or consequential loss arising from any use of the materials contained in this research report.

HTISG and our affiliates, officers, directors, and employees, excluding the analysts responsible for the content of this document, will from time to time have long or short positions in, act as principal in, and buy or sell, the securities or derivatives, if any, referred to in this research report. Sales, traders, and other professionals of HTISG may provide oral or written market commentary or trading strategies to the relevant clients and the companies within HTISG that reflect opinions that are contrary to the opinions expressed in this research report. HTISG may make investment decisions that are inconsistent with the recommendations or views expressed in this research report. HTI is under no obligation to ensure that such other trading decisions, ideas or recommendations are brought to the attention of any recipient of this research report.

Please refer to HTI's website www.equities.htisec.com for further information on HTI's organizational and administrative arrangements set up for the prevention and avoidance of conflicts of interest with respect to Research.

Non U.S. Analyst Disclosure: The HTI analyst(s) listed on the cover of this Research is (are) not registered or qualified as a research analyst with FINRA and are not subject to U.S. FINRA Rule 2241 restrictions on communications with companies that are the subject of the Research; public appearances; and trading securities by a research analyst.

分发和地区通知:

除非下文另有规定,否则任何希望讨论本报告或者就本项研究中讨论的任何证券进行任何交易的收件人均应联系其所在国家或地区的海通国际销售人员。

香港投資者的通知事項:海通国际证券股份有限公司("HTISCL")负责分发该研究报告,HTISCL 是在香港有权实施第 1 类受规管活动(从事证券交易)的持牌公司。该研究报告并不构成《证券及期货条例》(香港法例第 571 章)(以下简称"SFO")所界定的要约邀请,证券要约或公众要约。本研究报告仅提供给 SFO 所界定的"专业投资者"。本研究报告未经过证券及期货事务监察委员会的审查。您不应仅根据本研究报告中所载的信息做出投资决定。本研究报告的收件人就研究报告中产生或与之相关的任何事宜请联系 HTISCL 销售人员。

美国投资者的通知事项:本研究报告由 HTIRL,HSIPL 或 HTIJKK 编写。 HTIRL,HSIPL,HTIJKK 以及任何非 HTISG 美国联营公司,均未在美国注册,因此不受美国关于研究报告编制和研究分析人员独立性规定的约束。本研究报告提供给依照 1934 年"美国证券交易法"第 15a-6 条规定的豁免注册的「美国主要机构投资者」("Major U.S. Institutional Investor")和「机构投资者」("U.S. Institutional Investor")。在向美国机构投资者分发研究报告时,Haitong International Securities (USA) Inc. ("HTI USA")将对报告的内容负责。任何收到本研究报告的美国投资者,希望根据本研究报告提供的信息进行任何证券或相关金融工具买卖的交易,只能通过 HTI USA。HTI USA 位于 340 Madison Avenue, 12th Floor, New York, NY 10173,电话(212)351-6050。HTI USA 是在美国于 U.S. Securities and Exchange Commission("SEC")注册的经纪商,也是 Financial Industry Regulatory Authority, Inc. ("FINRA")的成员。HTIUSA 不负责编写本研究报告,也不负责其中包含的分析。在任何情况下,收到本研究报告的任何美国投资者,不得直接与分析师直接联系,也不得通过 HSIPL,HTIRL 或 HTIJKK 直接进行买卖证券或相关金融工具的交易。本研究报告中出现的 HSIPL,HTIRL 或 HTIJKK 分析师没有注册或具备 FINRA 的研究分析师资格,因此可能不受 FINRA 第 2241 条规定的与目标公司的交流,公开露面和分析师账户持有的交易证券等限制。投资本研究报告中讨论的任何非美国证券或相关金融工具(包括 ADR)可能存在一定风险。非美国发行的证券可能没有注册,或不受美国法规的约束。有关非美国证券或相关金融工具的信息可能有限制。外国公司可能不受审计和汇报的标准以及与美国境内生效相符的监管要求。本研究报告中以美元以外的其他货币计价的任何证券或相关金融工具的投资或收益的价值受汇率波动的影响。可能对该等证券或相关金融工具的价值或收入产生正面或负面影响。美国收件人的所有问询请联系:

Haitong International Securities (USA) Inc. 340 Madison Avenue, 12th Floor New York, NY 10173 联系人电话: (212) 351 6050

DISTRIBUTION AND REGIONAL NOTICES

Except as otherwise indicated below, any Recipient wishing to discuss this research report or effect any transaction in any security discussed in HTI's research should contact the Haitong International salesperson in their own country or region.

Notice to Hong Kong investors: The research report is distributed by Haitong International Securities Company Limited ("HTISCL"), which is a licensed corporation to carry on Type 1 regulated activity (dealing in securities) in Hong Kong. This research report does not constitute a solicitation or an offer of securities or an invitation to the public within the meaning of the SFO. This research report is only to be circulated to "Professional Investors" as defined in the SFO. This research report has not been reviewed by the Securities and Futures Commission. You should not make investment decisions solely on the basis of the information contained in this research report. Recipients of this research report are to contact HTISCL salespersons in respect of any matters arising from, or in connection with, the research report.

Notice to U.S. investors: As described above, this research report was prepared by HTIRL, HSIPL or HTIJKK. Neither HTIRL, HSIPL, HTIJKK, nor any of the non U.S. HTISG affiliates is registered in the United States and, therefore, is not subject to U.S. rules regarding the preparation of research reports and the independence of research analysts. This research report is provided for distribution to "major U.S. institutional investors" and "U.S. institutional investors" in reliance on the exemption from registration provided by Rule 15a-6 of the U.S. Securities Exchange Act of 1934, as amended.



When distributing research reports to "U.S. institutional investors," HTI USA will accept the responsibilities for the content of the reports. Any U.S. recipient of this research report wishing to effect any transaction to buy or sell securities or related financial instruments based on the information provided in this research report should do so only through Haitong International Securities (USA) Inc. ("HTI USA"), located at 340 Madison Avenue, 12th Floor, New York, NY 10173, USA; telephone (212) 351 6050. HTI USA is a broker-dealer registered in the U.S. with the U.S. Securities and Exchange Commission (the "SEC") and a member of the Financial Industry Regulatory Authority, Inc. ("FINRA"). HTI USA is not responsible for the preparation of this research report nor for the analysis contained therein. Under no circumstances should any U.S. recipient of this research report contact the analyst directly or effect any transaction to buy or sell securities or related financial instruments directly through HSIPL, HTIRL or HTIJKK. The HSIPL, HTIRL or HTIJKK analyst(s) whose name appears in this research report is not registered or qualified as a research analyst with FINRA and, therefore, may not be subject to FINRA Rule 2241 restrictions on communications with a subject company, public appearances and trading securities held by a research analyst account. Investing in any non-U.S. securities or related financial instruments (including ADRs) discussed in this research report may present certain risks. The securities of non-U.S. issuers may not be registered with, or be subject to U.S. regulations. Information on such non-U.S. securities or related financial instruments may be limited. Foreign companies may not be subject to audit and reporting standards and regulatory requirements comparable to those in effect within the U.S. The value of any investment or income from any securities or related financial instruments discussed in this research report denominated in a currency other than U.S. dollars is subject to excha

Haitong International Securities (USA) Inc.

340 Madison Avenue, 12th Floor

New York, NY 10173

Attn: Sales Desk at (212) 351 6050

中华人民共和国的通知事项:在中华人民共和国(下称"中国",就本报告目的而言,不包括香港特别行政区、澳门特别行政区和台湾)只有根据适用的中国法律法规而收到该材料的人 员方可使用该材料。并且根据相关法律法规,该材料中的信息并不构成"在中国从事生产、经营活动"。本文件在中国并不构成相关证券的公共发售或认购。无论根据法律规定或其他任 何规定,在取得中国政府所有的批准或许可之前,任何法人或自然人均不得直接或间接地购买本材料中的任何证券或任何实益权益。接收本文件的人员须遵守上述限制性规定。

加拿大投資者的通知事項: 在任何情况下该等材料均不得被解释为在任何加拿大的司法管辖区内出售证券的要约或认购证券的要约邀请。本材料中所述证券在加拿大的任何要约或出售行为均只能在豁免向有关加拿大证券监管机构提交招股说明书的前提下由 Haitong International Securities (USA) Inc. ("HTI USA") 予以实施,该公司是一家根据 National Instrument 31-103 Registration Requirements, Exemptions and Ongoing Registrant Obligations ("NI 31-103") 的规定得到「国际交易商豁免」("International Dealer Exemption")的交易商,位于艾伯塔省、不列颠哥伦比亚省、安大略省和魁北克省。在加拿大,该等材料在任何情况下均不得被解释为任何证券的招股说明书、发行备忘录、广告或公开发行。加拿大的任何证券委员会或类似的监管机构均未审查或以任何方式批准该等材料、其中所载的信息或所述证券的优点,任何与此相反的声明即属违法。在收到该等材料时,每个加拿大的收件人均将被视为属于National Instrument 45-106 Prospectus Exemptions 第 1.1 节或者 Securities Act (Ontario)第 73.3(1)节所规定的「认可投资者」("Accredited Investor"),或者在适用情况下 National Instrument 31-103 第 1.1 节所规定的「许可投资者」("Permitted Investor")。

新加坡投資者的通知事項:本研究报告由 Haitong International Securities (Singapore) Pte Ltd("HTISSPL")[公司注册编号 201311400G] 于新加坡提供。HTISSPL 是符合《财务顾问法》(第 110 章)("FAA")定义的豁免财务顾问,可(a)提供关于证券,集体投资计划的部分,交易所衍生品合约和场外衍生品合约的建议(b)发行或公布有关证券、交易所衍生品合约和 场外衍生品合约的研究分析或研究报告。本研究报告仅提供给符合《证券及期货法》(第 289 章)第 4A 条项下规定的机构投资者。对于因本研究报告而产生的或与之相关的任何问题 ,本研究报告的收件人应通过以下信息与 HTISSPL 联系:

Haitong International Securities (Singapore) Pte. Ltd

50 Raffles Place, #33-03 Singapore Land Tower, Singapore 048623

电话: (65) 6536 1920

日本投资者的通知事项:本研究报告由海通国际证券有限公司所发布,旨在分发给从事投资管理的金融服务提供商或注册金融机构(根据日本金融机构和交易法("FIEL"))第 61 (1)条,第 17-11 (1)条的执行及相关条款)。

英国及欧盟投资者的通知事项: 本报告由从事投资顾问的 Haitong International Securities Company Limited 所发布,本报告只面向有投资相关经验的专业客户发布。任何投资或与本报告相关的投资行为只面对此类专业客户。没有投资经验或相关投资经验的客户不得依赖本报告。Haitong International Securities Company Limited 的分支机构的净长期或短期金融权益可能超过本研究报告中提及的实体已发行股本总额的 0.5%。特别提醒有些英文报告有可能此前已经通过中文或其它语言完成发布。

澳大利亚投资者的通知事项: Haitong International Securities (Singapore) Pte Ltd, Haitong International Securities Company Limited 和 Haitong International Securities (UK) Limited 分别根据澳大利亚证券和投资委员会(以下简称"ASIC")公司(废除及过度性)文书第 2016/396 号规章在澳大利亚分发本项研究,该等规章免除了根据 2001 年《公司法》在澳大利亚为批发客户提供金融服务时海通国际需持有澳大利亚金融服务许可的要求。ASIC 的规章副本可在以下网站获取: www.legislation.gov.au。海通国际提供的金融服务受外国法律法规规定的管制,该等法律与在澳大利亚所适用的法律存在差异。

印度投资者的通知事项: 本报告由从事证券交易、投资银行及证券分析及受 Securities and Exchange Board of India("SEBI")监管的 Haitong Securities India Private Limited("HTSIPL")所



发布,包括制作及发布涵盖 BSE Limited("BSE")和 National Stock Exchange of India Limited("NSE")(统称为 「印度交易所 |)研究报告。

研究机构名称: Haitong Securities India Private Limited

SEBI 研究分析师注册号: INH000002590

地址: 1203A, Floor 12A, Tower 2A, One World Center

841 Senapati Bapat Marg, Elphinstone Road, Mumbai 400 013, India

CIN U74140MH2011FTC224070

电话: +91 22 43156800 传真:+91 22 24216327

合规和申诉办公室联系人: Prasanna Chandwaskar; 电话: +91 22 43156803; 电子邮箱: prasanna.chandwaskar@htisec.com

"请注意, SEBI 授予的注册和 NISM 的认证并不保证中介的表现或为投资者提供任何回报保证"。

本项研究仅供收件人使用. 未经海通国际的书面同意不得予以复制和再次分发。

版权所有:海通国际证券集团有限公司 2019 年。保留所有权利。

People's Republic of China (PRC): In the PRC, the research report is directed for the sole use of those who receive the research report in accordance with the applicable PRC laws and regulations. Further, the information on the research report does not constitute "production and business activities in the PRC" under relevant PRC laws. This research report does not constitute a public offer of the security, whether by sale or subscription, in the PRC. Further, no legal or natural persons of the PRC may directly or indirectly purchase any of the security or any beneficial interest therein without obtaining all prior PRC government approvals or licenses that are required, whether statutorily or otherwise. Persons who come into possession of this research are required to observe these restrictions.

Notice to Canadian Investors: Under no circumstances is this research report to be construed as an offer to sell securities or as a solicitation of an offer to buy securities in any jurisdiction of Canada. Any offer or sale of the securities described herein in Canada will be made only under an exemption from the requirements to file a prospectus with the relevant Canadian securities regulators and only by Haitong International Securities (USA) Inc., a dealer relying on the "international dealer exemption" under National Instrument 31-103 Registration Requirements, Exemptions and Ongoing Registrant Obligations ("NI 31-103") in Alberta, British Columbia, Ontario and Quebec. This research report is not, and under no circumstances should be construed as, a prospectus, an offering memorandum, an advertisement or a public offering of any securities in Canada. No securities commission or similar regulatory authority in Canada has reviewed or in any way passed upon this research report, the information contained herein or the merits of the securities described herein and any representation to the contrary is an offence. Upon receipt of this research report, each Canadian recipient will be deemed to have represented that the investor is an "accredited investor" as such term is defined in section 1.1 of National Instrument 45-106 Prospectus Exemptions or, in Ontario, in section 73.3(1) of the Securities Act (Ontario), as applicable, and a "permitted client" as such term is defined in section 1.1 of NI 31-103, respectively.

Notice to Singapore investors: This research report is provided in Singapore by or through Haitong International Securities (Singapore) Pte Ltd ("HTISSPL") [Co Reg No 201311400G. HTISSPL is an Exempt Financial Adviser under the Financial Advisers Act (Cap. 110) ("FAA") to (a) advise on securities, units in a collective investment scheme, exchange-traded derivatives contracts and over-the-counter derivatives contracts and (b) issue or promulgate research analyses or research reports on securities, exchange-traded derivatives contracts and over-the-counter derivatives contracts. This research report is only provided to institutional investors, within the meaning of Section 4A of the Securities and Futures Act (Cap. 289). Recipients of this research report are to contact HTISSPL via the details below in respect of any matters arising from, or in connection with, the research report:

Haitong International Securities (Singapore) Pte. Ltd.

10 Collyer Quay, #19-01 - #19-05 Ocean Financial Centre, Singapore 049315

Telephone: (65) 6536 1920

Notice to Japanese investors: This research report is distributed by Haitong International Securities Company Limited and intended to be distributed to Financial Services Providers or Registered Financial Institutions engaged in investment management (as defined in the Japan Financial Instruments and Exchange Act ("FIEL") Art. 61(1), Order for Enforcement of FIEL Art. 17-11(1), and related articles).

Notice to UK and European Union investors: This research report is distributed by Haitong International Securities Company Limited. This research is directed at persons having professional experience in matters relating to investments. Any investment or investment activity to which this research relates is available only to such persons or will be engaged in only with such persons. Persons who do not have professional experience in matters relating to investments should not rely on this research. Haitong International Securities Company Limited's affiliates may have a net long or short financial interest in excess of 0.5% of the total issued share capital of the entities mentioned in this research report. Please be aware that any report in English may have been published previously in Chinese or another language.



Notice to Australian investors: The research report is distributed in Australia by Haitong International Securities (Singapore) Pte Ltd, Haitong International Securities Company Limited, and Haitong International Securities (UK) Limited in reliance on ASIC Corporations (Repeal and Transitional) Instrument 2016/396, which exempts those HTISG entities from the requirement to hold an Australian financial services license under the Corporations Act 2001 in respect of the financial services it provides to wholesale clients in Australia. A copy of the ASIC Class Orders may be obtained at the following website, www.legislation.gov.au. Financial services provided by Haitong International Securities (Singapore) Pte Ltd, Haitong International Securities Company Limited, and Haitong International Securities (UK) Limited are regulated under foreign laws and regulatory requirements, which are different from the laws applying in Australia.

Notice to Indian investors: The research report is distributed by Haitong Securities India Private Limited ("HSIPL"), an Indian company and a Securities and Exchange Board of India ("SEBI") registered Stock Broker, Merchant Banker and Research Analyst that, inter alia, produces and distributes research reports covering listed entities on the BSE Limited ("BSE") and the National Stock Exchange of India Limited ("NSE") (collectively referred to as "Indian Exchanges").

Name of the entity: Haitong Securities India Private Limited

SEBI Research Analyst Registration Number: INH000002590

Address: 1203A, Floor 12A, Tower 2A, One World Center

841 Senapati Bapat Marg, Elphinstone Road, Mumbai 400 013, India

CIN U74140MH2011FTC224070

Ph: +91 22 43156800 Fax:+91 22 24216327

Details of the Compliance Officer and Grievance Officer: Prasanna Chandwaskar: Ph: +91 22 43156803; Email id: prasanna.chandwaskar@htisec.com

"Please note that Registration granted by SEBI and Certification from NISM in no way guarantee performance of the intermediary or provide any assurance of returns to investors".

This research report is intended for the recipients only and may not be reproduced or redistributed without the written consent of an authorized signatory of HTISG.

Copyright: Haitong International Securities Group Limited 2019. All rights reserved.

http://equities.htisec.com/x/legal.html

