521B00001

Annex

Response Form
Public Consultation on Future Fuel Mix for Electricity Generation for Hong Kong

Please send this response form to us on or before **18 June 2014** by one of these means:

mail: Environment Bureau, Electricity Reviews Division, 15/F, East Wing, Central Government Offices, 2 Tim Mei Avenue, Tamar, Hong Kong

e-mail: fuel_mix@enb.gov.hk

fax: 2147 5834

Part 1 (See Notes)

This is a ☑ corporate response (representing the views of a group or an organisation) or ☐ individual response (representing the views of an individual)

by Hutchison Properties Ltd
(name of person or organisation)

at _____ (telephone) and _____ (e-mail)

Part 2

Fuel Mix Options

FUEL MIX		IMPORT		NATURAL GAS	COAL (& RE)
		NUCLEAR (DBNPS)	GRID PURCHASE		
Existing (2012)		23%	-	22%	55%**
OPTION 1*	Importing more electricity through purchase from the Mainland power grid	20%	30%	40%	10%
		Total : 50%			
OPTION 2*	Using more natural gas for local generation	20%	-	60%	20%

* The above fuel mix ratios aim at providing a basis for planning the necessary infrastructure for electricity supply. Flexibility should apply to actual deployment of each fuel type, having regard to the circumstances happening on the ground.

** Inclusive of a small percentage of oil

Part 3

Specific Questions for Consultation

Q1: How do you view each of the two fuel mix options with regard to safety, reliability, cost, environmental performance and other relevant considerations? (Please indicate your view on **EACH** of the two options.)

Option	Support	Not Support	Reason for NOT supporting (You can tick more than one box)
1	☐	☑	☑ **Safety** ☑ **Reliability** ☑ **Affordability** ☑ **Environmental performance** ☐ **Others (please specify):** _____
2	☑	☐	☐ **Safety** ☐ **Reliability** ☐ **Affordability** ☐ **Environmental performance** ☐ **Others (please specify):** _____

Q2: Which of the two fuel mix options do you prefer? Why? (Please tick **ONLY ONE** box)

Option 1 ☐
Option 2 ☑

Reasons: (You can tick more than one box below)

Safety ☑
Reliability ☑
Affordability ☑
Environmental Performance ☑
Others ☐ **Please specify:** _____

Part 4

Other Comments and Suggestions

Stable electricity supply is crucial to parts of real estate construction. We opt for Option 2.

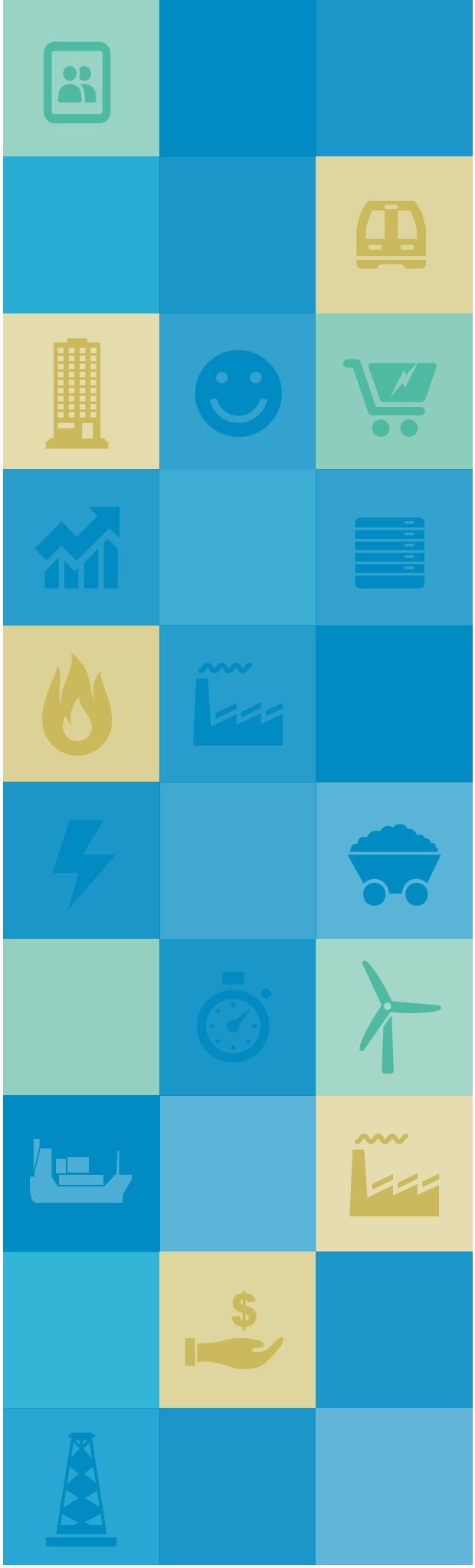
521B00002

CLP 中電

回應

未來發電燃料組合

公眾諮詢
2014 年 5 月



中華電力總裁的話

2014年3月19日，香港特區政府發表名為「未來發電燃料組合」的公眾諮詢文件。中電是亞洲最大的私營電力公司之一，也是香港最大的電力公司。在本回應中，我們就涉及燃料組合方案的各項考慮因素詳述我們的看法，並提出如何以最妥善的方式落實政府建議的措施。

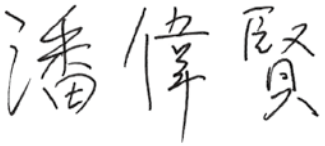
中電服務香港超過100年，不僅提供高度可靠和具有成本效益的電力服務，而且支持眾多社區活動。

不少客戶和持份者亦要求中電提供更多參考資料，幫助他們了解諮詢文件的內容。為此，我們編撰了更詳盡的資料，希望說明中電對公眾諮詢文件中主要議題的看法。

作為香港社會的一份子，我們時刻牢記香港市民的長遠利益，並期待為本港締造長遠價值。中電已準備就緒，將以一貫專業、可靠及高效的態度，執行由社會人士就燃料組合所作出的最終決定。

由於政府在諮詢完成後所作出的政策決定，不僅會影響香港未來的環境，還會影響中電未來長遠的供電可靠度和電價，所以大家踴躍表達意見是非常重要的。

我們希望這份文件具參考價值，並請大家在2014年6月18日公眾諮詢期結束前，踴躍表達您們的意見。



潘偉賢
中華電力總裁
謹啓

中華電力的回應

政府最近就香港未來的發電燃料組合展開重要諮詢。諮詢文件提出了兩個方案：方案1建議香港未來的電力約有三成是從內地電網輸入；而方案2是使用更多天然氣作本地發電以滿足用電需求。

中電的看法：

兩個方案都存在機遇和挑戰。中電認為，以循序漸進的做法，將兩個方案兼收並蓄，既規劃初期所需的燃氣機組而又深入研究新的跨境聯網設施，將可為香港締造最佳的長遠價值。

多年來，香港一直受惠於高度可靠而價格相對低廉的電力供應。在探討改革時，我們需要考慮如何在可靠度、對環境的影響及成本等主要目標之間，取得適當平衡。對香港的長遠利益而言，這種平衡同時需要考慮保持靈活性和選擇性。由於每年的燃料成本佔電費的很大部分，要保障香港消費者免受能源價格波動影響，最好方法是在本地天然氣發電的成本低於輸入低碳電力時，選擇前者，相反亦一樣。長遠而言，能夠有兩個方案可供選擇，可能是比較適合。

無論將來是採用方案1還是方案2，我們認為香港應有需要在2020年有少量新的高效能燃氣發電機組，以進一步減少空氣污染及碳排放。

目前來說，方案2能更明確地維持供電可靠度和取得排放表現的切實改善。方案1雖然未經驗證，但隨著內地的供電可靠度不斷改善，這個方案長遠將可為香港提供輸入更多低碳電力的機會。我們必須審慎規劃和進一步研究，確保目前的供電可靠度不會受損，而且為社會所能接受。

方案1的首階段，是研究如何落實興建新的跨境聯網設施、其涉及的成本、香港所能購買的低碳能源量和時間表等。我們認為，現在就應展開這些方面的詳細技術和商業研究，因為這項研究需要相當長的時間才能完成。

方案2的首階段工作是就初期所需的燃氣發電機組適時展開規劃和工程設計工作，以配合政府為2020年制定的本港空氣質素和減排目標。

在承諾建造方案2的額外燃氣機組或是批准新聯網設施所涉及的財務投資前，我們應審視當時的情況，包括相對的能源價格，以及在未來數年政府和市民努力節能下，香港電力需求是否仍會增長等。假如電力需求仍在

中華電力的回應

增長，內地已能提供高可靠度的低碳能源供應，而其價格又可與本地燃氣發電看齊，我們便可進一步考慮興建新的聯網設施。

由於新跨境聯網設施的籌建時間至少需要十年，我們毋須現在急於就方案1作出投資決定(更重要的是，毋須現在就作出投資承諾)。我們必須先進行詳細研究，讓市民稍後視乎香港的需要、能源價格和內地電網屆時的供電表現，才就落實方案1或方案2作出較知情的決定。

兩個方案都存在機遇和挑戰。我們並不認為香港市民現在便應在方案1和方案2之間作出最後選擇，我們也不認為應該立刻落實兩個方案。我們應從長計議並採取循序漸進的做法，在更明確地掌握有關的成本和效益後，確保以最低成本，充分發揮每個建議的優點，讓香港市民有更多的時間和選擇，在保持供電穩定可靠、選擇能源供應、改善環境表現、減少過度投資能源基建的大前提下，衡量甚麼才是首善之策。

簡言之，中電的立場是：

- **現在開始規劃方案2的首階段計劃工作，透過在香港建造少量新燃氣機組，以應付香港即時的電力需求**
- **現在展開方案1的詳細研究，以了解內地如何能以合理費用，提供高度可靠的低碳電力**
- **有關規劃和研究完成時，審視未來的用電需求和能源價格，才決定到底是建造新的聯網設施，還是在香港進一步建造新的燃氣機組，或選擇性地結合兩個方案中的元素，以避免過度投資**

我們對香港未來的能源發展擁有選擇，香港市民可選擇在逐步掌握更多資料後，才更有效地作出這些決定，而不需要現在一籃子作決定。

優化燃料組合
開展長遠規劃

中電的考慮因素和看法

我們的考慮因素

確保香港保持長遠價值

- 諮詢文件提出的規劃期是由現在起至十年後的2023年。然而，我們就發電燃料組合作出的決定，所影響的時間將遠遠超過十年的規劃期。

- 重點應放在確保香港可保持長遠價值。鑑於作為電費主要組成部分的燃料成本不時波動，中電認為需要有能力因應實際情況，選擇價格最相宜的燃料，才可確保香港的長遠價值。

供電可靠度對香港至為重要

- 在香港，市民都在高樓大廈裏居住和工作，所以高度可靠的電力供應不可或缺。只有高度依賴穩定可靠的電力供應，香港才能順暢運作。而對未來燃料組合所作出的任何決定，都應以無損供電可靠度為大前提。

- 目前，我們透過多個途徑確保高水平的供電可靠度。我們控制專用發電廠，以滿足用電需求，並維持發電機組的充足備用容量，以應付任何故障或事故。我們設有專用線路，即使在中電必須切斷與廣東聯網的緊急情況下，從大亞灣輸入的電力仍然是在中電的控制之下。

- 以對發電容量的監控來說，政府提出的兩個方案對香港的供電可靠度產生截然不同的影響。

- 根據方案1，在中電與南方電網的聯網中，並沒有專用輸電線連接特定的發電機組。這樣香港將與內地更多的發電機組連接，換言之，在個別發電機組發生故障時，香港可能會受嚴重影響的風險會較低。然而，為獲取香港所需的三成電力，我們需要加強依賴南方電網和廣東輸電網的抗逆能力。連接大型的綜合輸電系統會帶來新的供電風險，主要是連鎖停電，即是某個區域的供電問題迅速蔓延至其他區域，形成骨牌效應。雖然這種情況的發生機會很低，但卻可能產生嚴重後果，近期的例子有印度、紐約和意大利。目前來說，南方電網及廣東的供電可靠度，還未達到香港的水平。

- 方案2涉及增加本地天然氣發電。只要有足夠發電容量，香港便可維持高水平的供電可靠度。然而，這個方案需要安排價格具競爭力的額外天然氣來源。

- 有關供電可靠度的考慮因素，請參閱本文附錄的資料。

排放量及其影響

- 有關增加輸入電力的方案，我們應考慮其對全球溫室氣體排放，以及香港及華南地區空氣質素所帶來的任何影響。

- 長遠來說，方案1將為香港提供輸入低碳電力的機會。然而，若並無專為香港規劃或分配的潔淨發電來源，我們便需加倍小心，確保這個方案不會導致香港只是把廢氣排放轉入內地。

我們的考慮因素

- 方案2有利於更明確掌握和控制排放表現，並降低香港發電業的碳強度。但長遠來說，進一步改進排放表現的空間或會受限制，雖然天然氣遠較燃煤潔淨，但仍會產生排放。
- 如果從2020年起，能在碳排放強度減幅的上、下限內，靈活調整每年的減碳目標，便可優化每年的實際燃料組合，從而把總燃料成本減至最低，為客戶帶來好處。
- 有關排放量的更多資料，請參閱本文附錄。

我們的客戶和他們的看法

- 香港改變發電燃料組合，所涉及的最重要持份者是香港市民，所以我們委託香港理工大學，對客戶進行了獨立的意見調查。
- 我們訪問了約1,100名客戶，涵蓋住宅、中小企和高用量客戶，並於2014年5月初整理調查結果。
- 在調查之時就方案作出決定的受訪者中，支持方案2(增加本地天然氣發電)的人數差不多是方案1(從電網輸電)的三倍。然而，大多數受訪者也希望有更多資料和更多燃料組合方案以供考慮。

保留本地專長和經驗

- 電力行業需要非常高水平的專長，而中電及港燈的技術人才及為本地電力公司提供支援的業務夥伴和供應商，均憑著數十年來在發電、輸配電及規劃方面的實際經驗，發展各自的電力專業技能。
- 不管對未來的燃料組合作出甚麼決定，香港必須確保具備及保持一定程度的本地經驗、人才和技術，以推動長遠的可持續發展。

靈活選擇未來燃料組合的重要性

- 電力基建和設備需要漫長的規劃和建造期。它們一旦建成並配合適當保養，其使用期可長達40至60年。
- 國際燃料市場大幅波動，而技術亦不斷變化，故香港必須保持靈活性，以適應未來不斷轉變的環境。香港應審慎評估所有方案，確保以最高的靈活性，長遠提供符合可靠度、對環境表現及合理電價的理想燃料組合。

我們的看法

建議採取「循序漸進的做法」

- 中電認為政府提出的兩個方案各有所長。兩個方案並非互不相容，而現在毋須排除任何一個方案。
- 為社會最佳的長遠利益著想，我們必須仔細研究兩個方案中最有利和最靈活的元素。
- 基於這些考慮，中電對獨立採用任何一個方案有所保留。相反，我們認為，符合香港最佳長遠利益的做法，是採取**「循序漸進的做法」**，取兩者之所長，以維持現時高水平的供電可靠度，並以長遠來說對客戶最低的整體成本來達致適當的減排目標。
- 隨著燃料價格和技術的變化，這種「循序漸進的做法」將為未來提供靈活性和選擇性，使香港可因應當時的實際情況，在本地天然氣發電與向內地購電之間作出取捨。
- 隨著廣東省的供電可靠度不斷提高，假若我們選擇日後從內地輸入更多電力，這個做法將允許香港逐漸增加向內地購電，同時把本地的後備容量保持在適當水平。

必須進行全面研究和審慎制定執行計劃

- 我們必須進一步審慎考慮兩個方案，方可取兩者之所長，而兩個方案對政策的重要影響亦須考慮在內。
- 無論將來是採用方案1或方案2，我們認為香港將會需要在2020年有少量新的高效能燃氣發電機組，以進一步減少空氣污染及碳排放。這些新的發電容量亦可用以取代那些最舊及即將退役的燃煤機組。無論採取哪個方案，都需要考慮這些早期措施。
- 方案1提出從電網輸入電力的建議，在香港未經驗證。而鑑於方案的複雜性及牽涉跨境基建計劃，我們建議進行全面研究技術和商業安排，以探討以下事宜：

  a) 確保維持香港高水平供電可靠度所需的條件 – 包括所需的本地後備發電、為管理潛在緊急情況和供電問題而與內地同業訂立的技術、商業和協調框架；

  b) 建立最具成本效益、可靠而高效的基建，以便為香港輸入電力；

  c) 財務和商業承擔所需的時間、規模及成本；

  d) 可供輸入的電力類型，查察是否屬於基載或可用於應付香港夏季的高峰用電需求，以及其時間、可得電量、供電穩定性、減排量和成本；

  e) 其他與定價、規劃、協調、運作和承擔責任有關的問題。

我們的看法

- 方案2，使用更多天然氣作本地發電是簡單和久經驗證的模式，可提供更大的確定性和控制能力。至於方案2最終所需的額外機組，仍需進一步研究以下幾點：

  a) 今後有多少可供香港使用的額外天然氣；

  b) 建立最具成本效益、可靠而高效的基建，以具競爭力的價格為香港帶來更多的天然氣；

  c) 增設本地燃氣發電機組的準確時間、規模和成本；

  d) 長遠如何紓緩天然氣價格波動的影響或把握天然氣價格波動的機會。

- 整合上述研究結果，便可以循序漸進的步伐，制定2023年以後的全面計劃，並確立路線圖來落實兩個方案中的適當元素，使客戶在承擔最低的整體成本下，共享裨益。

循序漸進的做法並不等於須盡量提高投資額

- 在提出「循序漸進的做法」時，我們要注意這並不等於需要投資方案1和方案2所需要的一切設施。
- 具體來說，我們現在應開始規劃方案2的首階段計劃工作，透過在香港建造少量新燃氣機組，以應付香港即時的電力需求。我們應就方案1的聯網設施，在本港及與內地同業進行全面的研究，包括技術評估及商業安排。
- 在獲取更多關於這個概念的資料，香港便可評估最佳的落實方法，並作出進一步的重大承諾，無論是在香港增設燃氣機組或興建聯網設施，或雙管齊下，將兩個方案兼收並蓄。

進行進一步研究的成本相對輕微，並可於香港作出任何重大承諾前完成

- 技術可行性研究和與內地同業進行的商業討論，相比實際的硬件基建成本，所需成本並不龐大。
- 由於香港並非立即需要新的發電容量，所以還有時間進行進一步的詳細研究，並利用所得的研究資料，決定下一步的最佳部署。

在適當的時間向適當的基建作出初步投資，有助優化香港的長期燃料成本和提供更高靈活性

- 在未來某個階段，我們需要就基建所需的前期投資作出決定，當中必須考慮長遠而持續的龐大燃料成本，因為燃料成本佔客戶電費的很大部分。
- 電力基建投資所建造的資產壽命漫長，輸電線的使用期可長達60年。因此，按整個使用期攤分，新基建成本佔整體客戶成本的比重，遠低於燃料成本所佔的比重。
- 由於各種燃料的價格並非天天如一，長期的走勢難以預測，但只要有適當的基建，香港便可視乎價格的吸引力，靈活使用各種燃料，並確保供電可靠度不會受損。換言之，只要具備適當的基建，香港便可「貨比三家」，隨時購買價格最相宜的能源。
- 有關成本及靈活性的考慮因素，請參閱本文附錄的資料。

附錄

優化燃料組合開展長遠規劃

補充資料 — 中電對主要議題的見解

公眾諮詢

政府就甚麼議題進行諮詢？

政府建議重整香港未來的發電燃料組合，務求降低本港的碳強度和氣體排放。

政府提出了哪些方案？

政府的諮詢文件就香港未來的燃料組合提出了兩個方案：

燃料組合		輸入		天然氣	煤（及可再生能源）
		核能（大亞灣核電站）	從電網購電		
現時（2012）		23%	–	22%	55%
方案1	通過從內地電網購電	20%	30%	40%	10%
	以輸入更多電力	總共：50%			
方案2	利用更多天然氣作本地發電	20%	–	60%	20%

供電可靠度

香港*需要*世界級的供電可靠度

香港的經濟和社會發展，以至市民的日常生活，均有賴源源不絕、高度可靠的電力供應。香港是一個非常獨特的城市，需要特別超卓的供電可靠度。

50%

或以上的市民在15樓以上的建築物內居住或工作

60,000

部升降機每日在運作中

5百萬

乘客人次每天使用由電力驅動的交通工具

香港*擁有*世界級的供電可靠度

中電服務香港約八成人口，憑藉下列條件提供高度可靠的電力服務：

- 多元化的燃料組合，包括使用天然氣、燃煤和核能來發電，有效地管理燃料供應帶來的風險。
- 在本地擁有充裕及可控的發電容量，得以應付發電機組的計劃和非計劃停運，而不會影響供電可靠度，即使在客戶最高用電需求期間也不例外。
- 供電網絡的設計、規劃、運行和維修均符合行業最佳標準和守則。

中電世界級的供電可靠度

中電客戶每年經歷的意外停電時間平均只有

2.3分鐘

可靠度在全球名列前茅

供電可靠度

方案1：

若從內地電網輸入更多電力，在維持香港的供電可靠度方面，有什麼需要考慮的地方？

華南的供電網絡

中國南方電網供電地區(城市)的停電時間

~138 分鐘/每名客戶

2013年(10千伏級及以上)

資料來源：中國南方電網《企業社會責任報告2013》

中國南方電網供電地區的供電可靠度(10千伏級以上)在過去數年已見改善，但仍不及香港。舉例說，中電每年每名客戶的意外停電時間平均為2.3分鐘，而中國南方電網供電地區內的城市則為約138分鐘。一些內地的大城市如廣州和深圳，其供電可靠度較南方電網的平均表現為佳。此外，在高壓輸電的層面上，南方電網的供電可靠度表現亦一般較佳。

儘管我們可與南方電網就方案1作出商業安排，但由於本地電網需要與廣東電網連接，因此在考慮供電可靠性的問題時，我們亦需考慮廣東電網的特性。

值得注意的是，廣東省本身也高度依賴從其他省份輸入電力。就像所有大型聯網供電系統一樣，在某些極端情況下，如遇上冰暴、超級颱風或嚴重乾旱時，廣東省會很容易受到供電短缺的連鎖效應影響。

此外，中國南方電網輸電系統的設計和規劃標準與香港的系統不同，而且操作更加複雜。系統採用高壓直流電和高壓交流電並列運行，透過超高壓電纜把大量電力作出數千公里距離的輸送。

香港不是已經從內地輸入電力了嗎？

事實上香港自1994年起已從大亞灣核電站輸入電力，來應付本地約四分之一的電力需求，所以輸入電力並非新鮮事物。儘管在此期間廣東省曾發生停電和供電短缺的問題，大亞灣核電站的供港電力從未間斷，這是因為供電系統經過精心設計和操作，故可確保這個水平的供電可靠度。最重要的設計特色，是大亞灣核電站採用了***專用輸電線路***(專線)，並允許香港在緊急情況下與內地電網***解列***(即與內地電網分隔)，以確保高度可靠的供電。

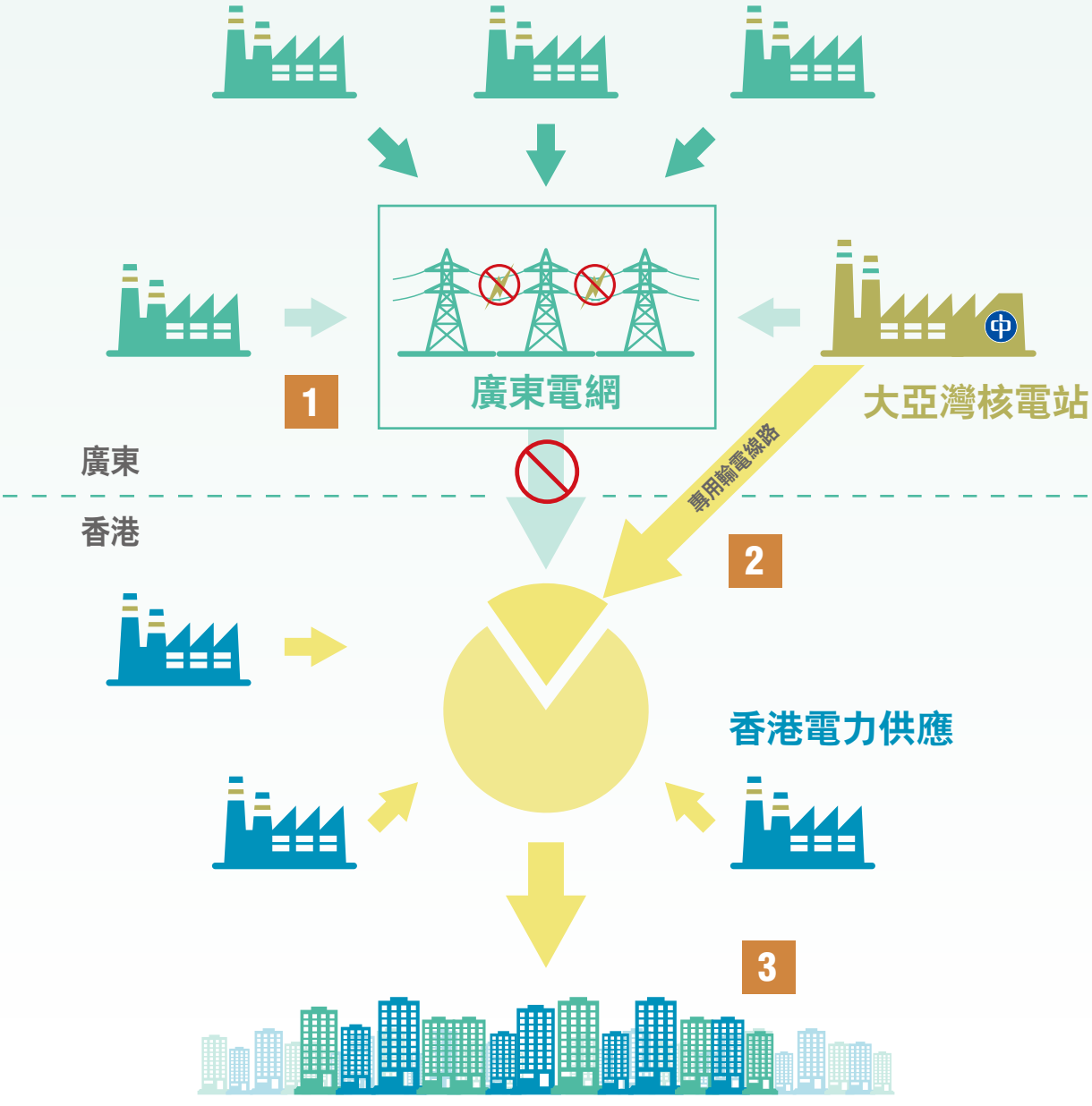
供電可靠度

什麼是解列？

1 當電力供不應求，便會發生停電並可能波及鄰近地區，出現骨牌效應，導致區域性的連鎖停電。

2 中電與大亞灣核電站採用特別的方式聯網。倘若廣東電網發生大範圍的供電事故，中電仍可有效地與廣東電網解列，並讓大亞灣的供應繼續輸送到香港。

3 大亞灣核電站會繼續透過專用輸電線路為香港供電，而中電電網亦不會受到廣東電網的不穩定狀況影響。

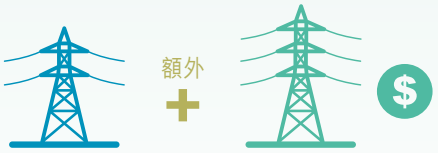


供電可靠度

假如香港從內地電網輸入額外30%電力，當中會牽涉甚麼問題？假如發生緊急情況或問題，中電能否與內地電網解列並維持高水平的可靠度？

目前，中電的輸電網絡是經兩條連接大亞灣核電站的40萬伏、同塔雙線路架空輸電電纜與廣東省聯網。

假如中電從內地電網輸入額外30%電力，便需要興建額外的聯網設施。這在技術上是可行的，然而這將涉及額外的基建成本。



可透過以下兩種方式加強聯網

連接特定發電來源的專用聯網

- 建設專用輸電線路，把中電的供電網連接廣東省的特定發電廠
- 能控制該額外的發電容量，如仿傚大亞灣核電站現時的安排
- 能夠與內地電網解列，以維持香港的供電可靠度

以網對網方式連接廣東省電網

- 興建輸電線路，但不會連接特定的發電來源
- 無法控制額外的發電容量來確保供電可靠度
- 若廣東電網發生網絡問題，香港將無法獨善其身

為確保供電可靠度

本港需備有充裕的後備發電容量

若香港與廣東聯網，而不連接特定的發電來源，本港則需備有充裕的後備發電容量，方能維持目前享有的供電可靠度。

供電可靠度

方案2：

本地增加
天然氣發電

增加天然氣發電是否更可靠？
我們能夠做到嗎？

中電目前的本地發電組合是怎樣？

青山發電廠

A廠：四台燃煤發電機組

B廠：四台配備減排設施的燃煤發電機組(其中兩台可使用天然氣)

龍鼓灘發電廠

八台高效能的聯合循環燃氣渦輪機

竹篙灣發電廠

三台柴油發電機組，以應付高峰電力需求

中電能否在香港興建新發電設施？

青山發電廠和龍鼓灘發電廠現址有足夠空間可興建新的發電機組。相對另覓新址興建發電廠，這會減少環境審批、選址和對社區影響的問題。假如青山發電廠內的燃煤機組退役，亦有更多空間可用來興建新增的發電設施。

與方案1比較，方案2的供電可靠度會有分別嗎？

有，我們可完全控制本地的發電容量，以滿足客戶需求。由於可在本地控制，供電可靠度可達致最高水平。我們過往的表現顯示香港一直享有達世界水平的供電可靠度。

供電可靠度

方案2有甚麼需要考慮的地方？

由於方案2需要增加使用天然氣，故需要考慮的事項包括：

- **天然氣供應：**由於天然氣會受區域性及國際的供求情況影響，因此確保穩定的天然氣供應對香港至為重要。
- **天然氣價格波動：**國際市場的天然氣價格反覆波動，除了受供求情況影響外，還會受到技術和規管發展方面的影響。
- **充足的天然氣基建：**除了要有天然氣供應外，還須適時建設足夠的天然氣基建，才能把天然氣輸抵香港。

可供香港引入天然氣的措施：

- **與內地的天然氣基建融合：**香港的天然氣基建已經與內地融合。中電現時透過西氣東輸二線管道，及從海南島附近的崖城氣田輸入天然氣。
- **正於區內開發天然氣的新氣源：**新的液化天然氣接收站正在深圳東部及珠海等地區興建，這將為香港帶來更多機會增加輸入天然氣。
- **嶄新技術：**一些新技術如「浮式儲存再氣化裝置」(FSRU)，或可為香港帶來傳統陸上液化天然氣接收站以外的供氣方案，從世界各地競爭激烈的天然氣市場獲取供應。

因地制宜　應對區域性挑戰

雖然亞洲現時的天然氣價格相對昂貴，但只要區內有合適的基建，便有機會從海外市場輸入天然氣。美國發展的頁岩氣便是一個例子。頁岩氣令當地天然氣價格顯著下降，其中部分頁岩氣或可供出口到美國以外的地區。內地亦正更進一步探討開發本土的頁岩氣。

雖然基建涉及前期投資成本，但與長遠而持續的龐大燃料成本比較，基建投資成本相對輕微。只要配備合適的基建，便可以更靈活地在全球各地採購價格最合算的天然氣。

如何能取得價格合理而供應充裕的天然氣，並非只是香港需面對的挑戰。這是一個區域性的問題，而隨着海外的天然氣市場持續發展，日後可能惠及整個亞太地區。

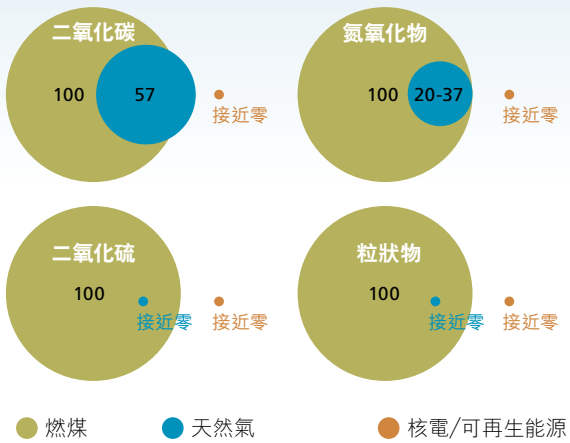
排放表現

發電的燃料種類和排放量

發電過程會產生二氧化碳和其他氣體排放，不同的燃料會有不同的排放強度。二氧化碳是與氣候變化有關的溫室氣體。至於其他氣體排放，如二氧化硫、氮氧化物及可吸入懸浮粒子(粒狀物)則會影響本地空氣質素。

- 按每單位能量計算，燃煤產生的排放量最高，其次是天然氣
- 核電和可再生能源，如水電、太陽能和風電在發電過程中一般不會產生排放

來自不同燃料的排放表現



指數化排放量：燃煤、天然氣、核電/可再生能源

資料來源：國際能源署(IEA)

減少來自發電的排放，同時滿足不斷上升的電力需求

過去 中電於1990年代初採用減排技術，自1994年起開始輸入核電，並於1996年使用天然氣發電。此等措施使2000年的排放量較1990年顯著減少。

現在 香港政府訂立了2010年和2015年的排放上限，並進一步收緊2017年以後的排放上限。中電為青山發電廠四台最大的燃煤機組安裝了減排設備，並增加使用低排放燃煤，以符合2010年的排放上限。

未來 展望未來，中電將需大幅增加使用天然氣，以進一步減少排放量，才得以符合2015及2017年的新排放上限。

中電排放量的減幅(1990至2017年)*

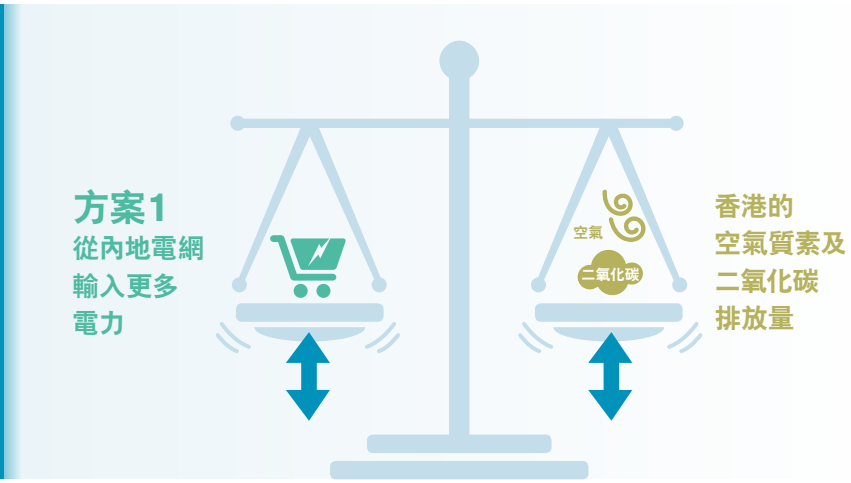
粒狀物	二氧化硫	氮氧化物
-88%	-94%	-86%

* 根據實際及預測的減排量以達致2017年的減排目標

排放表現

方案1：

若從內地電網輸入更多電力，會對香港的排放表現有甚麼影響？

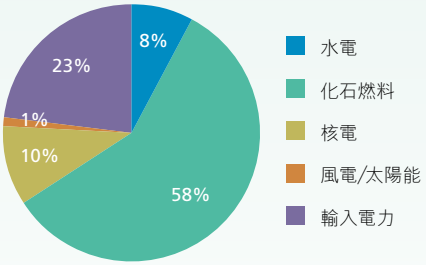


廣東電網與南方電網的燃料組合

廣東電網（即方案1中所指，從內地電網輸入、並佔香港需求三成的電力）現時發電來源：

- 58% 的電力來自化石燃料（主要是燃煤）
- 10% 來自核電
- 8% 來自水電
- 1% 來自風電和太陽能
- 23% 從廣東省以外的地方輸入

2013年廣東省的燃料組合

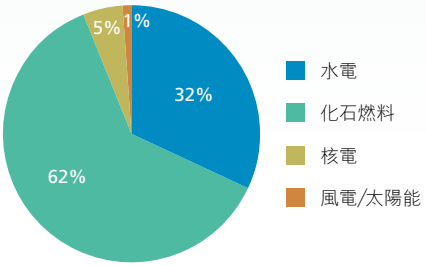


資料來源：中國電力企業聯合會《2013年報告》

南方電網現時發電來源：

- 62% 的電力來自化石燃料（主要是燃煤）
- 5% 來自核電
- 32% 來自水電
- 1% 來自風電和太陽能

2013年南方電網的燃料組合



資料來源：中國電力企業聯合會《2013年報告》

由於內地的邊際燃料（即新增發電燃料）一般是燃煤，除非能夠指定內地以新的潔淨能源供應香港，否則香港若從內地輸入更多電力，內地便很可能需要增加燃煤發電，這將會令當地的排放量上升。

排放表現

增加輸入的電力是否來自零排放燃料？

區域性空氣質素是共享的：轉移發電的空氣污染物源頭（透過方案1）會使香港的空氣更清新嗎？廣東目前的主要發電燃料仍然是煤，除非能夠指定內地以新的潔淨能源供應香港，否則其邊際燃料（即新增的發電燃料）亦極可能是燃煤。我們應考慮方案1對區域性空氣質素的影響。

氣候變化是全球性的：假如降低香港的碳排放強度是為了紓緩氣候變化，那麼把碳排放的來源轉移到內地，並無濟於事。

控制排放表現：假如輸入的電力並非來自內地一個特定的發電來源，那麼便很難控制增加的進口電力在目前和將來的排放表現。

從內地輸入更多潔淨能源的機會

雖然南方電網的燃料組合目前仍以燃煤為主，但長遠而言，方案1可為香港帶來機遇，引入更多種類的潔淨能源，前設是未來內地的供電可靠度及排放量皆需有良好的表現，以及在能源成本方面更具吸引力。

舉例說，我們未來可考慮輸入水電或核電來補充香港的能源組合。核電是穩定的電力來源，可全年提供穩定的發電容量，可靠地滿足本港的電力需求。至於水力發電，則無法確定能否適時提供本港所需的電力，而每年的供電量亦須視乎天氣和降雨量而定。另一種做法，是按方案2增加本地的天然氣發電機組（即發電容量），並在有水電供應且價格處於合理水平時，透過已加強的聯網來購買水電。

排放表現

方案2：

本地增加使用天然氣發電

會對香港的排放表現有什麼影響？

透過增加本地的天然氣發電容量（方案2），我們能更有效控制和掌握排放表現，並為達致2020年的減排目標作出貢獻。但長遠而言，進一步改進的空間或會受限制，因為天然氣即使較為潔淨，但仍然是化石燃料。

長遠來說，方案1可達致的本地排放量減幅或有可能大於方案2。然而，必須指定內地以新的潔淨能源供應給香港，方案1才可為香港帶來更潔淨的空氣及減少全球的碳排放量。

哪個方案能有效達致碳排放的減排目標？

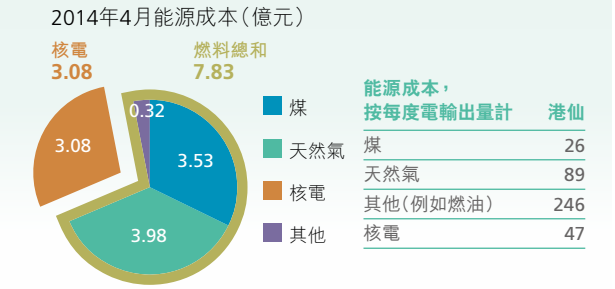
特區政府致力達致既定的空氣污染物減排目標，以改善本地及區內的空氣質素，並維持載於2010年就《香港的氣候變化策略及行動綱領諮詢文件》內為2020年碳強度所訂定的目標。

成本

我們現時採用的不同燃料發電，成本是多少？

中電一向有公佈發電方面的燃料成本。按2014年4月數據，燃煤是最便宜的燃料（每度電26仙），其次為核電（每度電47仙），然後是天然氣（每度電89仙）。日後的價格可能不同，但總體而言，我們發現燃煤的單位成本多年來都是最便宜的，其次為核電，然後是天然氣。

每月能源成本分類（本地售電）



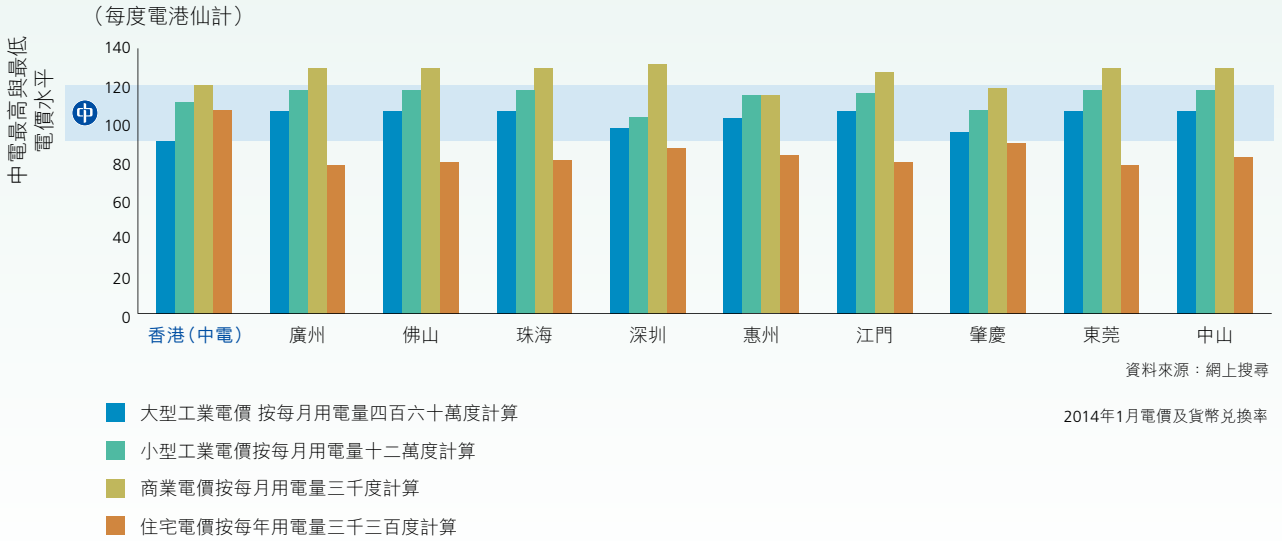
能源成本，按每度電輸出量計	港仙
煤	26
天然氣	89
其他（例如燃油）	246
核電	47

內地的能源價格與國際接軌

儘管未來的燃料價格難以預測，但越來越多人認為內地能源價格將逐步與國際接軌。隨著能源市場的改革不斷推進、經濟持續發展，加上使用更潔淨的能源為大勢所趨，內地能源價格應會與全球的能源價格接軌，原因是內地亦需要與其他國家爭奪新潔淨能源。

如下圖所示，中電的電價與廣東省各主要城市的電價已相當接近。

2014年香港與珠三角城市電價比較



資料來源：網上搜尋

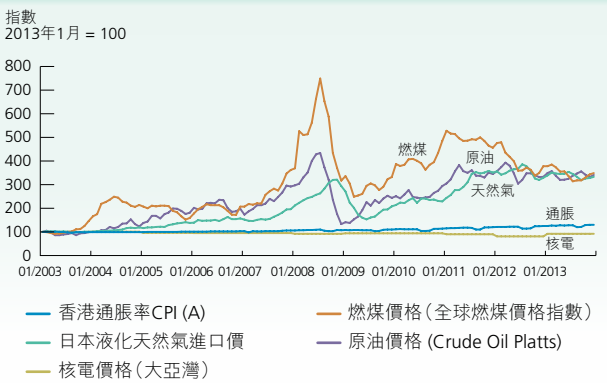
2014年1月電價及貨幣兌換率

成本

燃料成本將會改變

日後的燃料成本或有異於今天的水平。過去十年，燃煤價格的波動最大，石油和天然氣則緊隨其後，而大亞灣核電站的核電價格則非常穩定，期內變動維持在通脹水平以下。展望未來，若中電能夠透過類似先前與大亞灣核電站簽訂的購電合約，從內地增購新的長期電力供應，那麼日後輸入的核電價格將會相對穩定。由於採用新的第三代核電技術，預期的基準價格將會高於大亞灣核電站的電價，但相對天然氣仍較具競爭力。不過，燃料價格波動難料，今天價格高昂的燃料，未來或會變得較為便宜，反之亦然。

化石燃料價格在過去十年非常波動



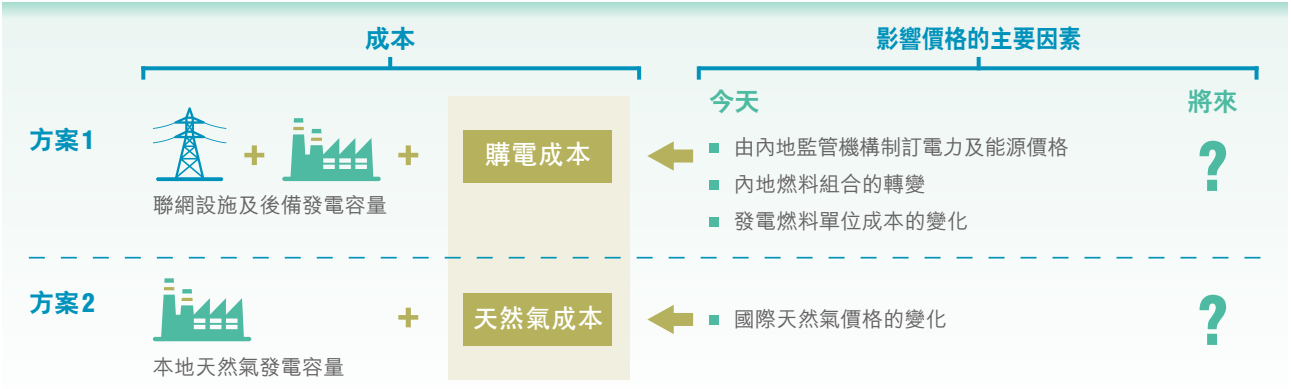
不同方案涉及的成本是多少？

政府諮詢文件提到，方案1（從內地電網輸入電力）和方案2（增加本地天然氣發電）涉及的成本相若。在十年的規劃期內，兩者的單位發電成本將增加約一倍。我們初步的看法與政府的估算大致脗合。

展望未來，內地電價可能會隨着下列的發展而反覆波動：

- 發電燃料成本有變
- 內地監管機構訂立的上網電價有變
- 內地監管機構訂立的電網輸電價格有變
- 內地的電力供求情況
- 人民幣匯率的變動
- 香港向內地支付的增值稅稅率有變
- 內地為邁向更潔淨的發電燃料組合而徵收的任何碳成本或碳排放交易成本

香港的電力公司並無法控制上述影響輸入電力價格的因素。另一方面，就本地發電而言，縱使其他發電成本或許較能控制，但用以發電的天然氣價格亦非香港所能控制。



展望未來，預期內地會邁向更潔淨的燃料組合，而燃料價格亦料會與國際市場接軌。

成本

發展新基建所需的時間

另一個考慮因素，是按兩個不同方案發展電力基建所涉及的時間。

若要從內地電網輸入電力(方案1)，所涉及的聯網設施需要約十年時間建設，實際時間仍有待作進一步的可行性研究，因為在粵港之間增建聯網設施是一個相當複雜的跨境項目，涉及內地電力體制許多的持份者。對於方案1能否及時達致2020年以後的減碳目標造成更大的不確定性。

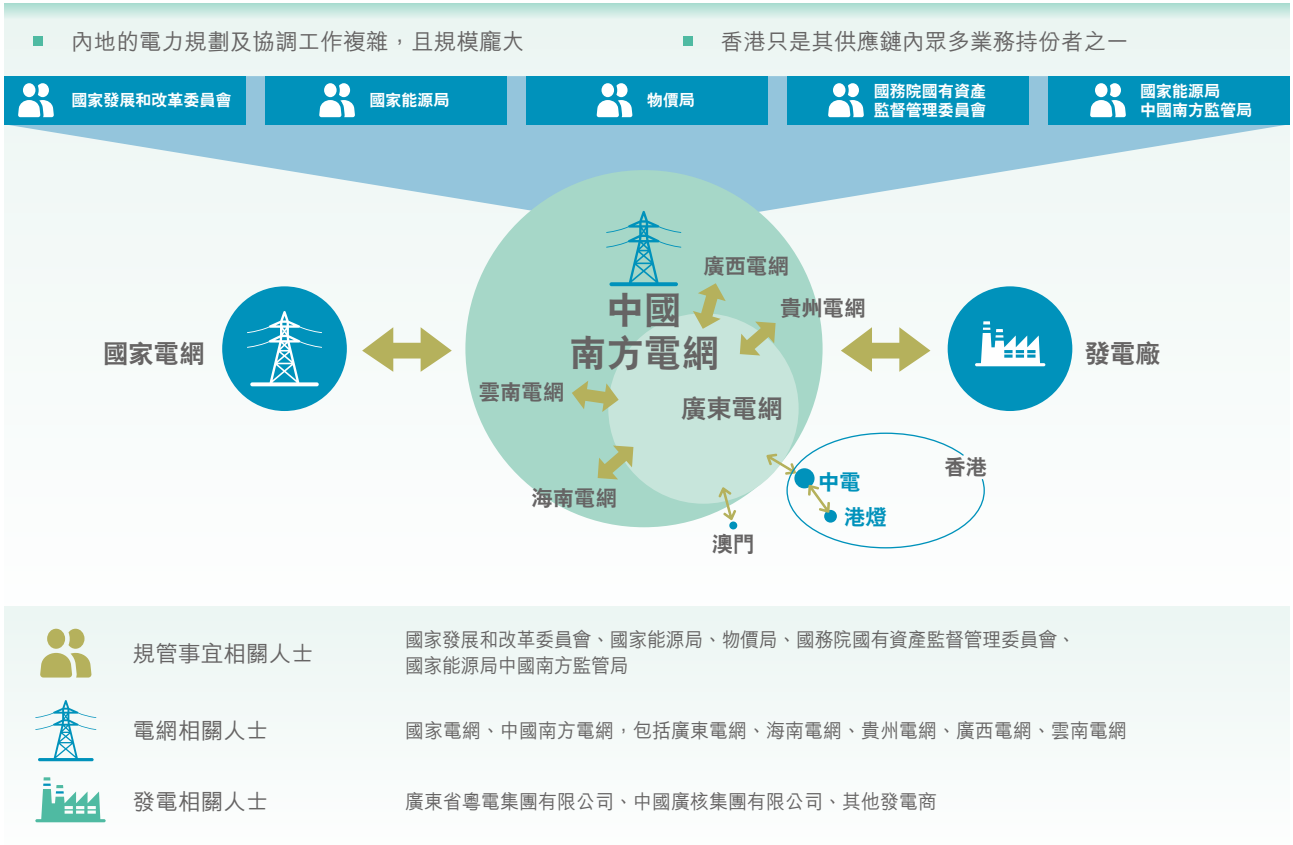
在本地增建天然氣發電容量(方案2)，需時約四至五年，因此可以更有把握達致2020年的減排目標。

估計建設基建的時間

10年 從電網購電所需的新建輸電線路

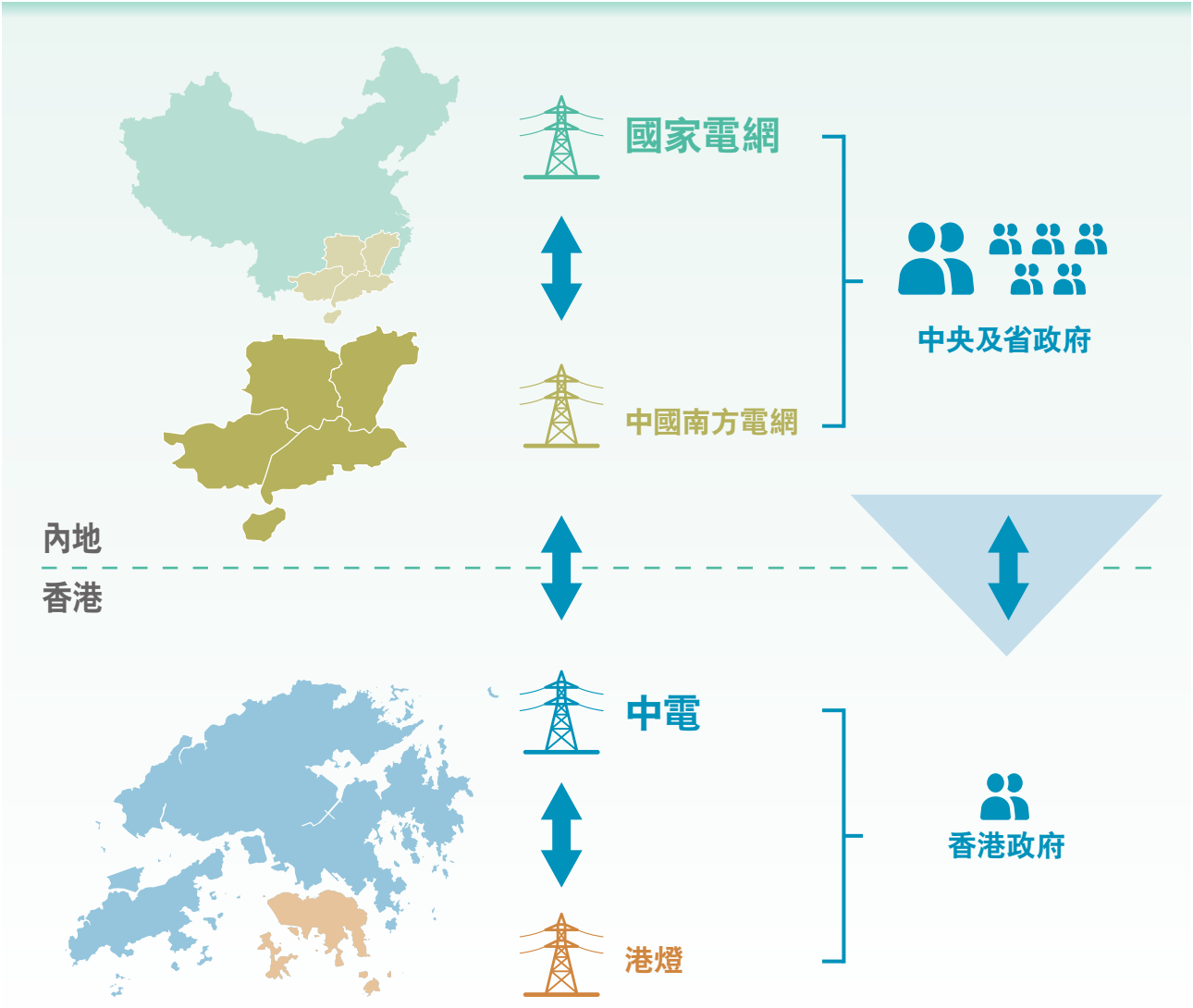
新的高效能聯合循環燃氣渦輪機 **4-5年**

涉及更多的跨境持份者：內地電力行業規模遠比香港現有的獨立電力系統龐大，而且更為複雜。與內地的電力系統加強融合，香港便會成為其眾多的業務持份者之一，因而較難作出有力的影響，使其按香港本地電力系統的需要而作出規劃及發展。



成本

加強香港與內地之間的聯網，及簽署輸入額外電力的合約，是頗為複雜的跨境工作，涉及內地許多省級乃至國家政府機構，以及眾多的業內人士。



加強與內地融合

為香港提供更多選擇：加強香港與內地能源基建的融合，既可令香港受惠，同時可為香港帶來更多選擇。長遠來看，中央政府的整體方針是邁向更潔淨的低碳電力燃料組合。順應這一趨勢，香港可以有更多的選擇，享有更多元化的燃料組合。先決條件是，我們需要清晰的路線圖來指引實現這個目標的方法和時間，並且要明瞭任何進口電力的發電來源。

成本

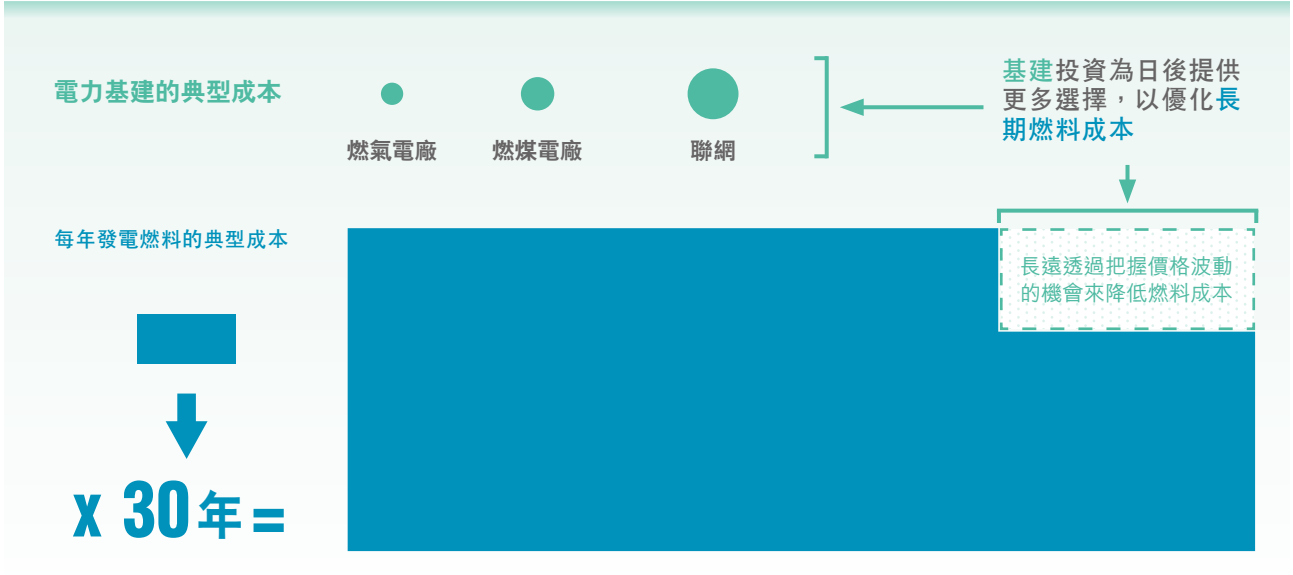
靈活使用最佳價格燃料的價值

以安全性、可靠度、環保表現和合理電價衡量，過去二十年來以煤炭、天然氣和核能為主的**多元化燃料組合**對香港貢獻良多。由於燃料價格反覆波動，未來如能使用當時最佳價格的燃料，既能維持可負擔的電價，又可確保高水平的可靠度，為香港創優增值。

為滿足客戶的用電需求，中電於2013年單是在發電燃料方面的支出就接近100億港元。方案1和方案2都需要額外的資本投資，以建設新聯網或新的高效能聯合循環燃氣渦輪機組。這些投資的資產壽命長，可達40至60年。因此，按整個使用周期攤分，新基建每年的成本只佔整體燃料成本的極小部分。

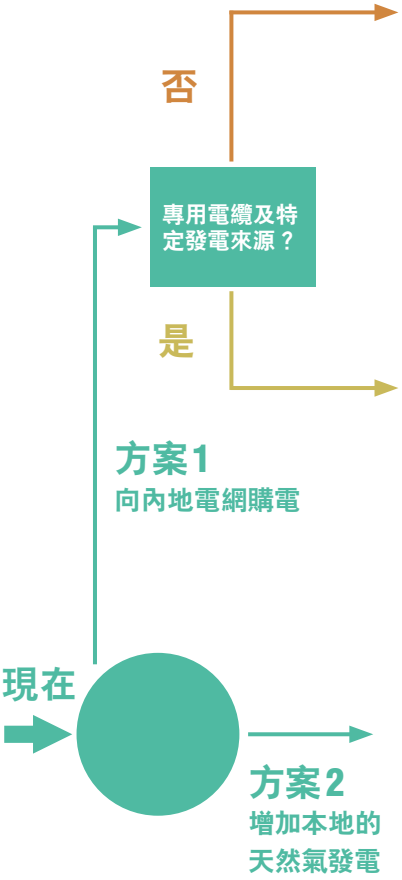
使用最佳價格燃料的方案：這意味著，投資於一個以上的方案(或採取兩者的部份元素)可在未來進口內地電力或本地燃氣發電的單位成本大幅上漲或下降時，能相應減少或增加電力進口或本地燃氣發電，從而為消費者大幅節省開支。

長期燃料成本佔最大成本份額：下圖列示電力基建所涉及的成本，包括興建發電機組及加強粵港聯網的成本，還有目前中電每年發電燃料的典型成本。長遠來說，燃料是至今供電方面的最大成本項目。未來，若能靈活使用各種燃料，將可優化燃料成本，進而降低發電燃料的總成本。儘管電力基建的前期投資看似龐大，但卻能為日後提供更多選擇，以優化長期燃料成本。



註：比例僅供說明，不代表有關的準確成本

不同燃料組合方案表現概覽



	可靠度	成本	排放量
方案1 向內地電網購電	■ 本地無法控制發電容量 ■ 需要足夠的本地後備發電量 ■ 可靠度取決於中國南方電網及廣東電網	**政府諮詢文件中的估計** 單位發電成本約較2008至2012年五年間高出一倍	■ 減少香港的二氧化碳和空氣污染物排放 ■ 無法控制內地的排放量
	較佳可靠度 較佳可靠度可憑： ■ 對發電量及網絡質素有更大的控制能力 ■ 一旦發生問題，可與廣東電網解列(分隔)	■ 視乎發電來源的位置和性質，但大致與最上一格相同	■ 減少香港的二氧化碳和空氣污染物排放 ■ 可確切掌握排放表現
方案2 增加本地的天然氣發電	**最高的可靠度** ■ 香港以自給自足的發電能力，可對進口電力的依賴減至最低，承受的外部供電網絡及發電的風險亦微乎其微	**政府諮詢文件中的估計** 單位發電成本約較2008至2012年五年間高出一倍	■ 減少本地二氧化碳和空氣污染物的排放 ■ 可確切掌握排放表現 ■ 可控制排放量，但進一步改善排放表現的空間或較少

我們的表現：今昔比較

高可靠度

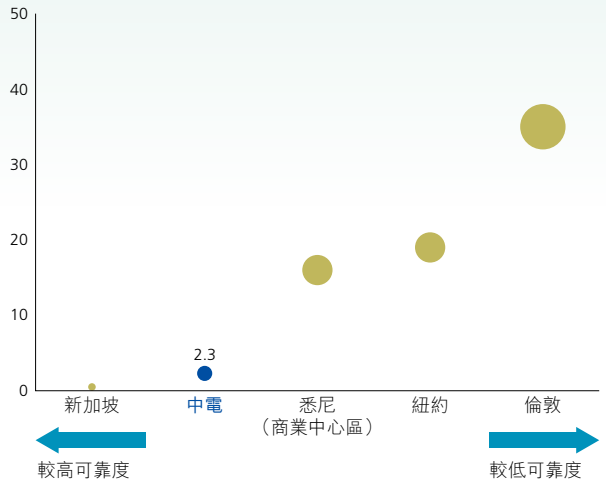
在香港本身的控制下，市民享有世界級可靠度的電力供應。

減排

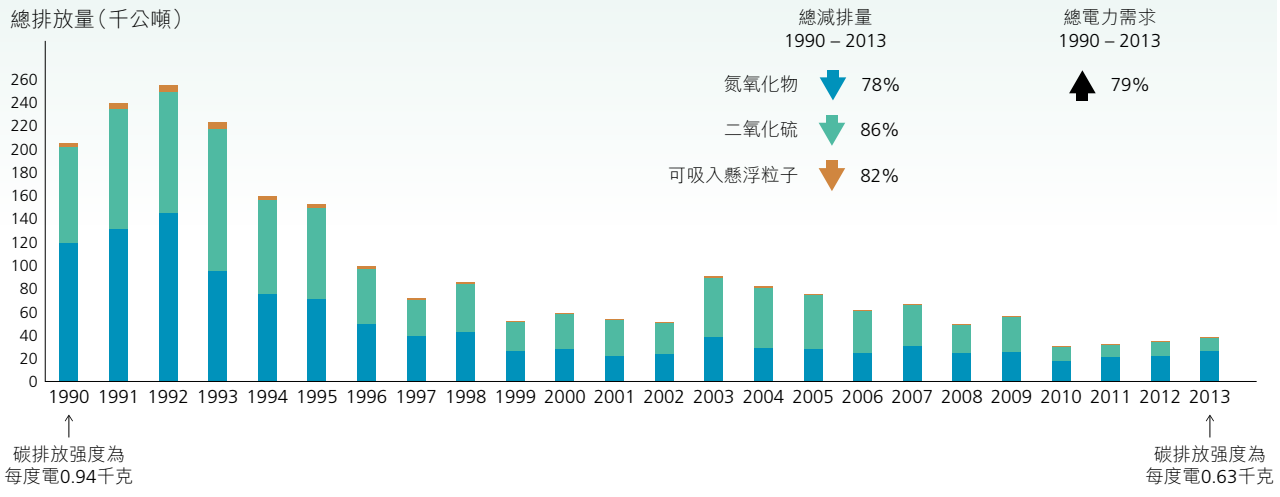
自上世紀60年代起，管制計劃的機制不斷演變，以配合香港電力需求的變化。儘管用電需求持續增長，香港仍可靈活地規劃並大幅降低發電過程中所產生的排放。下圖顯示中電在過去20年的減排表現。

高可靠度

每年客戶意外停電的時間（以分鐘計）



附註：
中電為2011-2013年平均水平
其他城市為2010-2012年平均水平



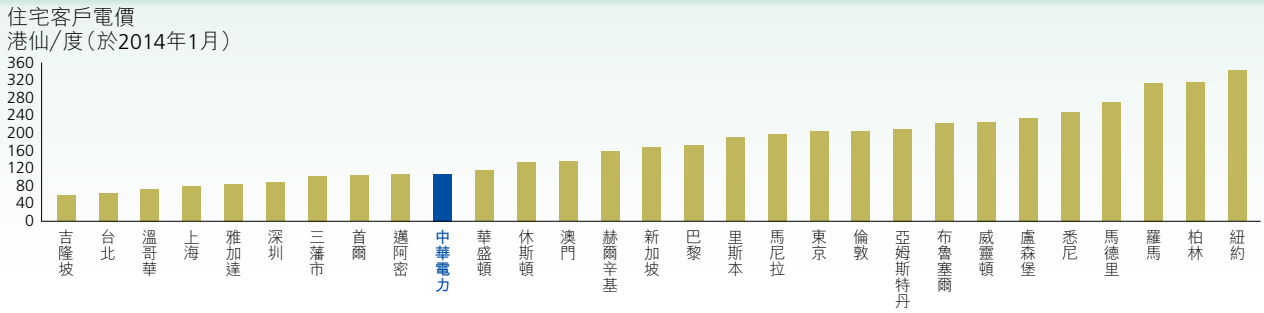
在過去20多年，中電的氣體排放量顯著下降。期內，用電需求增長約八成，但排放量卻減少了約八成。

我們的表現：今昔比較

合理電價

按國際標準衡量，尤其考慮到高度可靠的供電表現，香港的電價相對十分低廉。

住宅客戶電價與其他城市比較

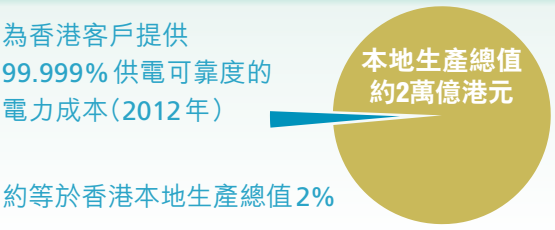


附註：
1. 按每月平均用電量為275度作比較計算
2. 資料反映2014年1月份的電價及貨幣兌換率

資料來源：網上搜尋

與電力服務所創造的財富及繁榮比較，作為生產元素之一的電力成本相對非常低廉。用作為香港客戶提供99.999%供電可靠度的電力成本，只約等於本地生產總值2%。雖然可靠供電所帶來的實際價值很難量化，但對香港經濟及日常生活的正常運作卻起著關鍵作用。

香港本地生產總值（2012年）



從正確角度來看，如果要透過降低可靠度來降低電力成本10%（或許高得脫離實際的數字），相關的金額只約等於香港本地生產總值0.2%，但其對經濟及民生所帶來的負面影響卻會得不償失，絕不符合經濟效益的原則。

有鑑於此，在探討未來燃料組合決策或規管模式轉變時，應以維持香港高度可靠的供電作為首要考慮因素。

能源效益及節約能源

邁向更潔淨的燃料組合固然重要，但除此之外，中電相信能源效益及節約能源在應對氣候變化的過程中亦擔當著重要的角色。我們每人都應各盡本份，更精明地使用能源。中電發表的《邁向綠色珠三角 — 香港潔淨能源發電新路向》，勾畫了公司的能源願景，並以推廣能源效益作為其中一項主要措施。

中電推廣能源效益及節約能源的四個方針：

- 推行公眾教育；
- 向客戶提供用電資訊和節能貼士；
- 為客戶提供節能工具以及技術支援；
- 提供有助提升能源效益的配套

我們為香港的住宅及商業客戶提供廣泛的能源服務，詳情請瀏覽中電網站：www.clponline.com.hk。

智能電錶

香港與澳門比較

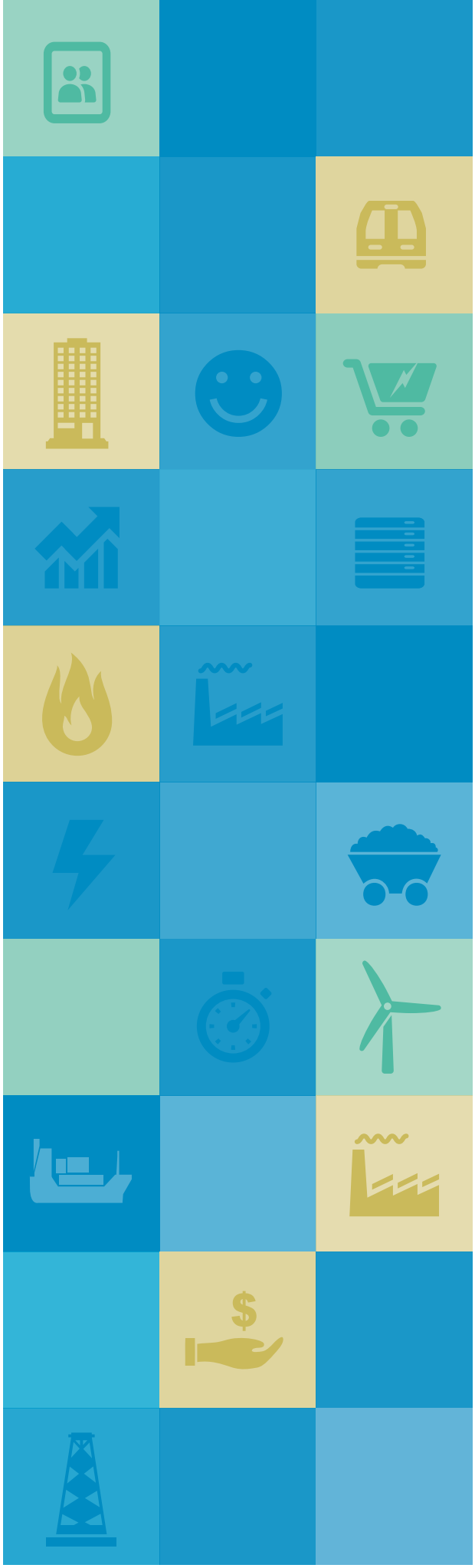
諮詢文件以澳門作為從內地電網輸入電力(方案1)的例子。若要知道澳門的例子是否值得香港參考，我們或可看看兩個城市之間的分別。

香港	澳門
14倍 人口	
10倍 用電量	
5,000,000 鐵路乘客人次	–
極度向高空發展的城市	
國際銀行中心	
全球第六大証券交易所	發展迅速的旅遊及娛樂事業
增長迅速的數據中心行業	
機場出入境旅客 60,000,000人次	賭場超過35家
空運及貨櫃業	
平均淨電價(中電，2013年) 每度電1.05港元	平均淨電價(2013年) 每度電1.32澳門幣

中華電力有限公司

香港九龍紅磡海逸道8號
電話：(852) 2678 8111
傳真：(852) 2760 4448
www.clp.com.hk

05.2014



CLP 中電

Response to the

FUTURE FUEL MIX FOR ELECTRICITY GENERATION

Public Consultation
May 2014

A MESSAGE FROM THE MANAGING DIRECTOR OF CLP POWER

On 19th March 2014, the HKSAR Government issued a public consultation document titled "Future Fuel Mix for Electricity Generation". CLP is one of the largest privately-owned electricity utilities in Asia and the largest in Hong Kong and in this response we set out our views on the various considerations involved in the fuel mix options and how the measures proposed by Government can best be implemented.

CLP has been serving Hong Kong for more than 100 years, not only in providing a highly reliable and cost-effective power supply but also by supporting many community initiatives.

Many of our customers and stakeholders have also asked us for more background information to help them understand the Fuel Mix consultation document. In response, we have put together more detailed information, which we hope will help in providing more of our understanding of the key issues surrounding this consultation.

As a member of the Hong Kong community, we always bear in mind the long-term interests of Hong Kong's people and look to create long-term value for our city. CLP is ready to facilitate and deliver the fuel mix decision that is eventually made by the community in the usual professional, reliable and efficient manner.

It is important that you give your views, as policy decisions taken by the Government after the consultation are likely to affect not only Hong Kong's future environmental performance but also the reliability of our electricity supply and our tariffs for many years to come.

I hope you find this document useful. Please make your voice heard by responding before the end of the consultation period on 18th June 2014.

Yours sincerely,

Paul Poon
Managing Director
CLP Power

CLP's RESPONSE

The Government has recently published an important consultation on the future fuel mix for electricity generation in Hong Kong. Two alternatives are identified: Option 1 assumes that approximately 30% of future needs are met through grid imports of power from the Mainland; and in Option 2 these needs are met by using more natural gas for local generation.

CLP's View:
Both options present opportunities and challenges. CLP believes that a phased and flexible approach, which combines both planning for initial gas units and intensive study for a new cross-border interconnector, would deliver the best long-term value for Hong Kong

Hong Kong has benefited from a highly reliable electricity supply at relatively low cost for many years. When looking at options for change, we need to consider an appropriate balance between the main objectives of reliability, environmental performance and costs. That balance also needs to take into account preserving the flexibility and optionality in the long-term interests of Hong Kong as annual fuel costs represent a significant part of electricity bills. The best protection for Hong Kong consumers against volatility in energy prices is to have the capability to use local gas generation when it is cheaper than imported low carbon energy or vice versa. In this way, over the longer term, it may make sense to have both Option 1 and Option 2 available.

We believe that a small number of highly efficient new gas units could be needed by 2020, regardless of whether Option 1 or Option 2 is pursued in the longer term, to further reduce air and carbon emissions.

At present, Option 2 provides a more certain result in terms of maintaining electricity supply reliability as well as real improvements in emissions performance. Although untested, Option 1 has the potential to provide more opportunities in the longer term for importing lower carbon electricity as the Mainland's reliability continues to improve. This would need both careful planning and further studies to ensure that our current reliability will not be compromised and that it is acceptable to the community.

The first stage of Option 1 for the new cross-border interconnector is to study how it might be done, at what cost and how much low carbon energy Hong Kong could purchase, by when. We believe that this detailed technical and commercial study should commence now, since it will take considerable time to complete properly.

The first stage of Option 2 is to begin the planning and engineering design work for the initial gas fired generating units in time to support the local air quality and carbon objectives set by the Government for 2020.

CLP's RESPONSE

Before committing to build further gas units under Option 2, or to approve the financial investment in a new interconnector with the Mainland, we can look at circumstances at that time, including relative energy prices and whether there is still strong demand growth for electricity in Hong Kong, even with the efforts of the Government and the Community to reduce energy use in the next few years. If our electricity demand is still growing and reliable supplies of low carbon energy are available from the Mainland at the right price compared to local gas generation, we can move closer to a decision for the new interconnector.

The decision (and more importantly, the commitment) for the investment in Option 1 does not need to be made now, given that the lead time for a new cross-border interconnector is at least 10 years. As detailed studies must come first, the community can make a more informed decision later on whether to pursue Option 1, or to continue with Option 2, depending on Hong Kong's needs, energy prices and the performance of the Mainland grid at that time.

Both options have opportunities and challenges. We do not believe that the community should have to make a once and for all definitive choice between Option 1 and Option 2 now, nor do we believe both should be implemented at once. A phased and flexible approach in a long-term plan that seeks to maximise the advantages of each proposal at the minimum cost to customers would allow Hong Kong more time and options to gauge what is the best way forward whilst maintaining the reliability and security of our electricity supply, allowing a choice in energy supplies, delivering environmental performance improvements and minimising over-investment in energy infrastructure until more certainty on costs and benefits is available.

In summary, CLP's position is:

- **Start NOW on planning the initial phase of Option 2 to meet Hong Kong's immediate electricity needs by building a small number of new gas units in Hong Kong**
- **Start NOW on a detailed study for Option 1 to see how the Mainland could provide highly reliable supplies of low carbon energy at a reasonable cost**
- **Avoid over-investment by reviewing the future demand for electricity and relative energy prices when this work is completed, before deciding whether to build the new interconnector or further gas units in Hong Kong, or a selective combination of the two**

We have choices for our energy future and Hong Kong has the option to make these decisions more effectively as we get more information in a progressive manner, rather than having to make them all in one go now.

PLANNING AHEAD FOR A BETTER FUEL MIX

Details of our Considerations and Views

OUR CONSIDERATIONS

Ensuring long-term value for Hong Kong

- The consultation's planning horizon is looking at 2023, a decade from now. However, the decisions made for our electricity generation fuel mix will have an impact on a time frame far longer than that.
- The focus should be on ensuring the greatest long-term value for Hong Kong. Given the volatility of fuel costs which are a significant portion of electricity bills, CLP believes this can be achieved by having the ability to choose the best-priced fuel according to the prevailing circumstances.

Reliability is critical to Hong Kong

- Our way of life in Hong Kong, based on the high rise buildings where we live and work, means that we are uniquely dependent upon an extremely reliable electricity supply. Hong Kong can only function in the way that it does with a heavy reliance on a stable and secure power supply and any decisions made on our future fuel mix should not compromise this.
- At present, we ensure that high reliability is achieved in several ways. We control dedicated generation plants to meet demand and maintain an adequate reserve margin of generation units to cater for any breakdowns or incidents. We have a dedicated connection enabling power imported from Daya Bay to be still under CLP's control in the event of emergencies when our grid has to be disconnected from the Guangdong grid.
- The control of generation capacity under the two options proposed by the Government could be very different with implications for Hong Kong's electricity supply reliability.
- Option 1 connects CLP's grid to CSG's grid without a dedicated transmission line to specified generation units. This would connect Hong Kong to a much wider pool of generation on the Mainland which would mean that the risk of a serious impact from individual generation unit failure is lower. However we would be placing greater reliance on the resilience of the CSG and Guangdong transmission grid to deliver the 30% power that Hong Kong needs. Large integrated transmission systems introduce new supply risks, the main one being cascade failure, where supply problems in one area rapidly spread. The likelihood of this happening may be low, but the effects can be significant, as recent experience has shown in places such as India, New York and Italy. Currently, CSG and Guangdong's supply reliability is not at Hong Kong levels.
- Option 2 involves more local gas generation. Providing that sufficient capacity is available, this would maintain Hong Kong's high level of reliability. However, additional sources of natural gas at competitive prices would need to be arranged.
- More information on reliability considerations can be found in the attached Appendix.

Emissions and their impact

- For additional power imports, consideration should be given to any impact on global greenhouse gas emissions as well as on the shared regional air quality between Hong Kong and South China.
- Option 1 would provide more opportunities in the longer term for importing lower carbon electricity. However, if clean sources of generation are not planned or allocated specifically for Hong Kong, then great care must be taken to ensure that this option does not result in Hong Kong merely exporting its emissions to the Mainland.

OUR CONSIDERATIONS

- Option 2 provides more certainty and control of emissions performance and would lower the carbon intensity of our electricity generation. However, further future improvements in emissions performance may be limited in the longer term as gas, although much cleaner than coal, still entails emissions.
- Flexibility in what carbon intensity reduction targets are to be achieved in each year from 2020 onwards, as long as they fall between the lower and upper bounds of the targeted reduction ranges, would allow the actual fuel mix in each year to be optimised. This can minimise total fuel costs for the benefit of customers.
- More information on emissions can be found in the attached Appendix.

Our customers and their views

- Since the most important stakeholder involved in any changes to Hong Kong's fuel mix is the community, the Hong Kong Polytechnic University was commissioned to conduct an independent survey on the views of our customers.
- Approximately 1,100 of our customers, from all groups including residential, small and medium businesses and large power users, were surveyed and the results compiled in early May 2014.
- For respondents who indicated a preference, almost three times as many supported Option 2 (more local gas generation) compared to those who supported Option 1 (grid import). However, it was also noted that the majority of the respondents also desired more information and more fuel mix options for consideration.

Retaining local expertise and experience

- The power industry requires a very high level of expertise and the technical personnel at both CLP and Hongkong Electric, as well as their supporting business partners and suppliers, have developed their skills over decades of hands-on experience in the electricity generation, transmission and distribution and planning fields.
- Regardless of the decisions taken for the fuel mix moving forward, it is important for Hong Kong to ensure it has and maintains a healthy level of local experience, talent and know-how for ongoing sustainability.

The value of flexibility and having choices for our future fuel mix

- Power infrastructure and equipment require long lead times to plan and build. Once they are built and with proper maintenance, they can last for long periods up to 40 - 60 years.
- As international fuel markets are highly volatile and technology changes over time, it is important for Hong Kong to retain its agility to adapt to changing circumstances in the future. Hong Kong should carefully evaluate all options to ensure the highest degree of flexibility in delivering the optimal fuel mix over the long term in terms of reliability, environmental performance and affordability.

OUR VIEWS

A "Phased and Flexible" approach is recommended

- CLP sees benefits in elements of both of the Government's proposed options. The options are not mutually exclusive and we need not rule out choices right away.
- It is important to look carefully at the best and most flexible aspects of both options so we can look after the best long-term interests of the community.
- Because of these issues, CLP has reservations in adopting either option on its own. Instead, we consider that the best long term approach for Hong Kong is to adopt a **"phased and flexible"** approach taking the best elements of both options in a way that maintains current levels of high reliability and delivers appropriate reductions in emissions at the lowest overall cost to customers in the long term.
- This phased and flexible approach will also allow flexibility and optionality in the future as relative fuel prices and technology change, so that over time Hong Kong could switch between local gas-fired generation and purchased power imports from the Mainland, according to circumstances at the time.
- As reliability levels continue to improve in Guangdong, this approach would allow Hong Kong, if we so chose to do so in the future, to place progressively greater emphasis on power supplies from the Mainland whilst at the same time preserving an appropriate degree of local backup.

Comprehensive study and a carefully developed implementation plan is needed

- Both options require further careful consideration before the best elements of both can be properly implemented and both have important policy implications to be considered.
- We believe that a small number of highly efficient new gas units could be needed by 2020, regardless of whether Option 1 or Option 2 is pursued in the longer term, to further reduce air and carbon emissions; later this new capacity can also replace the oldest of our coal fired units as they reach the end of their operating lives. These are early steps that need to be taken into account in either option.
- Option 1, grid imports, is untested in the form proposed for Hong Kong and given its complexity and cross-border infrastructure programme, comprehensive studies on technical and commercial arrangements are recommended to look into:

  a) the required elements to ensure Hong Kong's continued high levels of reliability – including the local back-up generation needed and the technical, commercial and coordination framework with our Mainland counterparts to manage potential emergencies and supply issues;

  b) the most cost-effective, reliable and efficient infrastructure to import the electricity to Hong Kong;

  c) the timing, scale and costs for the required financial and commercial commitments;

  d) the type of imported power available and if it is base load or available to help meet peak summer demand periods in Hong Kong, as well as the timing, quantity available, supply stability, emissions reductions and costs;

  e) other issues related to pricing, planning, coordination, operations and accountability.

OUR VIEWS

- Option 2, using more natural gas for local generation, is a simpler and well-proven model that has more certainty and control. For further units eventually required under Option 2, it would still require further study on:

  a) how much more additional natural gas can be made available to Hong Kong both now and in the future;

  b) the most cost-effective, reliable and efficient infrastructure to bring more natural gas to Hong Kong at competitive prices;

  c) the exact timing, scale and costs of additional local gas generation units;

  d) how to mitigate or take advantage of any price fluctuations of natural gas over the long term.

- The results from these studies should then be integrated into a comprehensive phased and flexible implementation plan which looks beyond 2023 and sets out a delivery pathway of the appropriate elements of both options in a way that provides their principal benefits with the least overall cost to customers.

A phased and flexible approach does not mean maximising investments

- In proposing a phased and flexible approach, it is important to note that it does not mean investing in all facilities required for both Option 1 and Option 2.
- Specifically, we should start now on planning the initial phase of Option 2 to meet Hong Kong's immediate electricity needs by building a small number of new gas units in Hong Kong. We should proceed with full scale studies both locally and with our Mainland counterparts (including technical assessment and commercial arrangements) related to the interconnection in Option 1.
- As there is more information available regarding this concept, Hong Kong can then assess the best way forward before making further significant commitments in either more gas units in Hong Kong or building the interconnector or adopting a combination of these two options.

Costs of further study are minimal and this can be done before Hong Kong makes any major commitments

- Technical feasibility studies and commercial discussions with Mainland counterparts would not require significant costs compared to actual physical infrastructure construction costs.
- Because new capacity is not needed immediately, Hong Kong has the time to conduct further detailed studies and to use the resulting information to determine the best way forward.

The initial investment in the right infrastructure at the right time helps Hong Kong optimise its long-term fuel costs and provides more flexibility

- Although at some point in the future, decisions would have to be made on upfront investments required for infrastructure, these must be put into perspective against the longer-term, ongoing and far greater costs of fuel, which is a significant portion of electricity bills to customers.
- Power infrastructure investments have long asset lives – e.g. transmission lines could last up to 60 years. So, spread out over their lifetime, new infrastructure costs will represent a much smaller element of customer costs than fuel costs in customer bills.
- Since the costs of various fuels today may not be the same tomorrow and it is difficult to predict what they will be over the long term, having the right infrastructure in place gives Hong Kong the capability to use different fuels when the price is attractive and to ensure reliability is not compromised. In other words, having the right infrastructure in place would allow Hong Kong to "shop around" for the best priced energy at any time.
- More information on cost and flexibility considerations can be found in the attached Appendix.

APPENDIX

PLANNING AHEAD FOR A BETTER FUEL MIX

Supplemental Information – CLP's Understanding of Key Issues

THE PUBLIC CONSULTATION

What is the Government's consultation about?

The Government has proposed revamping the fuel mix for our electricity generation with the aim of lowering Hong Kong's carbon intensity and air emissions.

What options are proposed in the consultation?

The Government's consultation has proposed two options for Hong Kong's future fuel mix.

<table>
<tr><th colspan="2" rowspan="2">Fuel Mix</th><th colspan="2">Import</th><th rowspan="2">Natural Gas</th><th rowspan="2">Coal (& RE)</th></tr>
<tr><th>Nuclear (Daya Bay)</th><th>Grid Purchase</th></tr>
<tr><td colspan="2">Existing (2012)</td><td>23%</td><td>–</td><td>22%</td><td>55%</td></tr>
<tr><td rowspan="2">Option 1</td><td rowspan="2">Importing more electricity through purchase from the Mainland power grid</td><td>20%</td><td>30%</td><td rowspan="2">40%</td><td rowspan="2">10%</td></tr>
<tr><td colspan="2">Total: 50%</td></tr>
<tr><td>Option 2</td><td>Using more natural gas for local generation</td><td>20%</td><td>–</td><td>60%</td><td>20%</td></tr>
</table>

RELIABILITY

Hong Kong *needs* world-class supply reliability

The economic and social well-being of Hong Kong depends on the continuous availability of a highly reliable electricity supply which is essential to our daily lives. Hong Kong is a very unique city which demands a uniquely high standard of reliability.

50%

or more of the population lives or works above the 15th floor

60,000

lifts are in use every day

5 million

passenger trips are made every day on electrically powered transport

Hong Kong *has* world-class supply reliability

CLP serves approximately 80% of the Hong Kong population and delivers a high level of reliability with:

- a diversified fuel mix comprising gas, coal and nuclear for generating electricity which helps in effectively managing fuel supply risks.
- local control of adequate generation capacity which allows us to cope with both planned and unplanned generator outages without affecting supply reliability, even at times of maximum customer demand.
- best-in-class standards and practices in the design, development, operation and maintenance of our network.

CLP's world-class supply reliability

CLP's customers experience an average unplanned power interruption of

2.3 minutes per year

amongst one of the best in the world

RELIABILITY

FOR OPTION 1:

If more electricity was to be imported from the Mainland grid, what considerations should there be for Hong Kong's reliability?

South China's power network

Duration of power interruptions in China Southern Grid area (cities)

~138 minutes per customer

In 2013 (measured at 10kV & above)

Source: CSG CSR Report 2013

Supply reliability (at over the 10,000 volt level) in the China Southern Grid (CSG) region has seen improvement over the last few years but is still less reliable than Hong Kong's. For example, CLP's average unplanned customer minutes lost per year was 2.3 minutes versus approximately 138 minutes in the city areas of CSG. Major cities, such as Guangzhou and Shenzhen, have better reliability than the CSG average. In addition, CSG's reliability at the high voltage transmission level is generally better.

Although commercial arrangements for Option 1 could be made with CSG, the physical connection would need to be with the Guangdong grid. Therefore, when considering reliability issues, it is important to consider the characteristics of the Guangdong grid. It is important to note that Guangdong itself also has a high reliance on power imports from other provinces and, as with all large interconnected power systems, it is vulnerable to cascading power shortages in certain extreme conditions such as ice storms, super typhoons or severe droughts.

In addition, the design and planning standards for its transmission system are different from Hong Kong's and it also has much higher operational complexity, with large power transfers over many thousands of kilometres of power lines utilising both High Voltage Direct Current and High Voltage Alternating Current components.

But isn't Hong Kong importing electricity from the Mainland already?

In fact Hong Kong has been importing around a quarter of its electricity supply from the Daya Bay Nuclear Power Station since 1994, so power imports are not new. But despite blackouts and supply shortages in Guangdong over this time, the power supply from Daya Bay to Hong Kong has been uninterrupted because it has been carefully designed and operated in such a manner that this level of reliability would be guaranteed. The most important design feature is the use of ***dedicated lines*** from the Daya Bay Nuclear Power Station that ensures a higher level of reliability and allows Hong Kong the capability to ***decouple*** (basically to separate or detach) from the Mainland grid in case of emergencies.

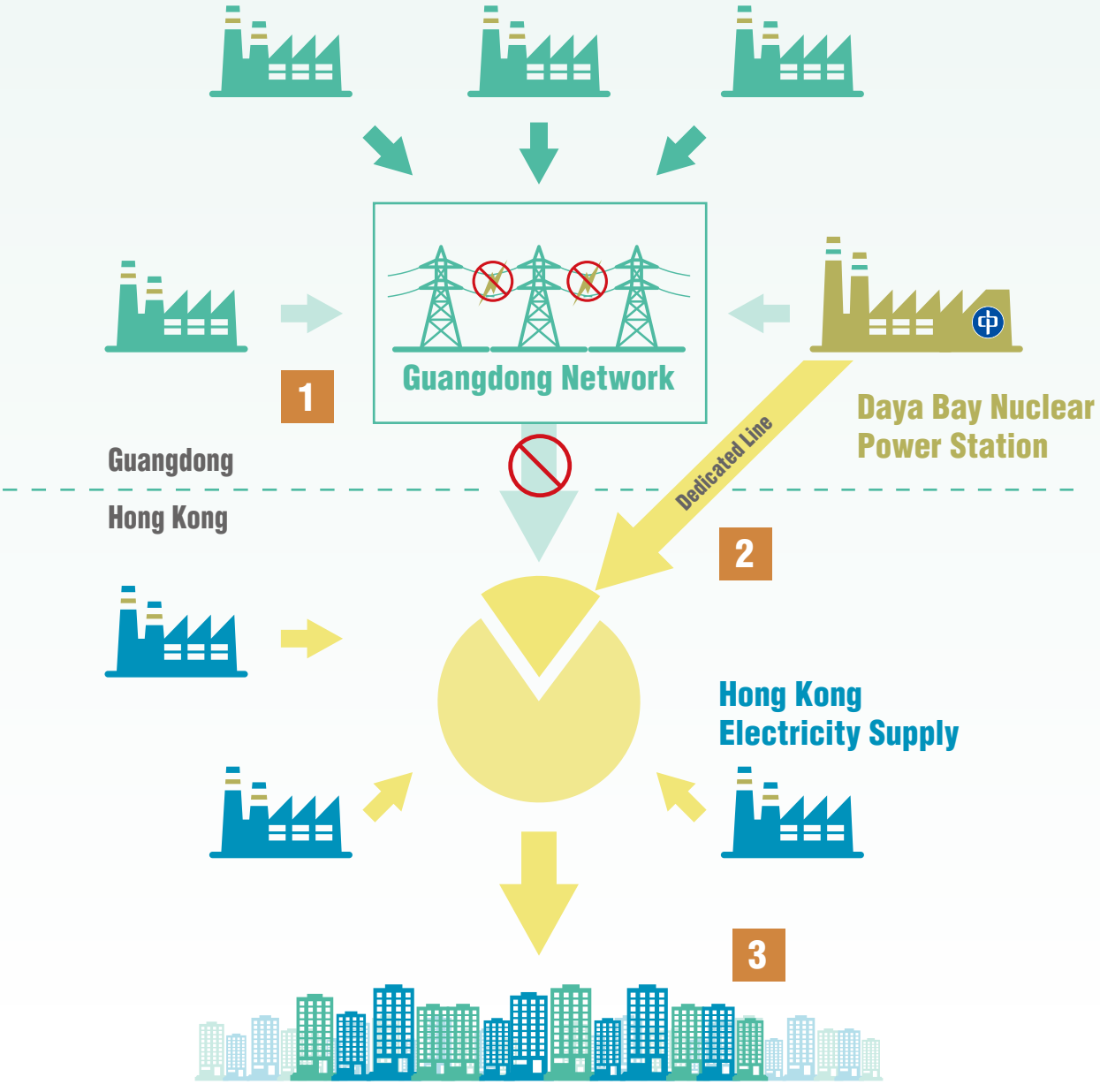
RELIABILITY

What is decoupling?

1. In the event of electricity supply being insufficient to meet demand, blackouts would occur in an area which might cascade to neighboring areas, resulting in cascading blackouts.

2. Our connection to Daya Bay is made in a special way so that CLP can take all its output for its customers in Hong Kong. In the event of any widespread blackout in Guangdong, CLP can effectively decouple (basically separate) from the Guangdong grid.

3. The electricity generated by Daya Bay will continue to flow to our Hong Kong customers and our grid will not be affected by any instability in the Guangdong grid.



RELIABILITY

If Hong Kong were to import an additional 30% power from the Mainland grid, what would be involved? Could we decouple or maintain our high reliability levels if there was an emergency or problem?

Currently, CLP's transmission grid is interconnected to Guangdong's grid via two 400,000 volt double overhead line transmission circuits to Daya Bay Nuclear Power Station.

New interconnection would be required if we are to import additional 30% power from the Mainland, which is technically feasible, but would involve additional costs.

This additional interconnection can be done in two ways

Dedicated interconnection to a defined generation source

- installation of dedicated transmission lines connecting a defined power station in Guangdong to CLP's network
- control of the additional generation capacity as in the current Daya Bay arrangement
- ability to decouple to maintain supply reliability to Hong Kong

Grid-to-grid interconnection to Guangdong

- transmission lines built without having specific generation sources in mind
- no control of additional generation capacity to ensure reliability
- no ability to decouple in the event of network problems in the Guangdong grid

To ensure reliability

Sufficient back-up generation in Hong Kong

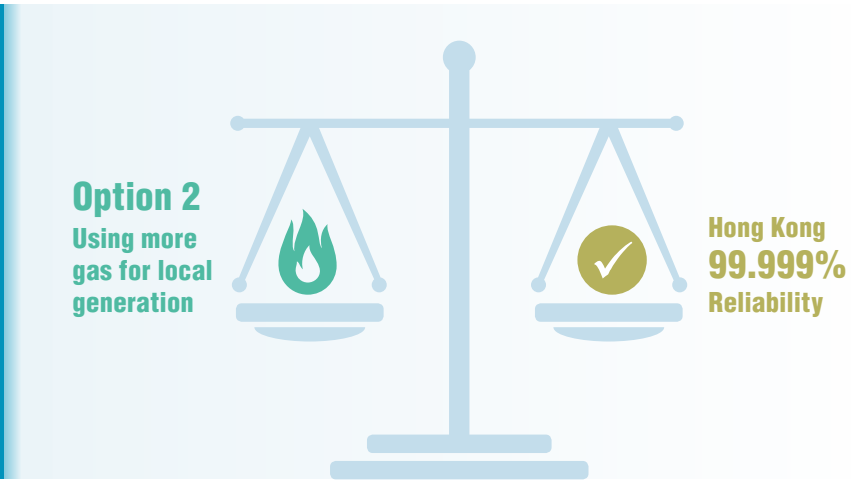
If Hong Kong were to physically connect to the Guangdong grid without a dedicated generation source, adequate local back-up capacity would be required to maintain the current level of supply reliability.

RELIABILITY

FOR OPTION 2:

Using more gas for local generation

Is it more reliable? Can we do it?



What is CLP's current local generation portfolio?

Castle Peak Power Station	Black Point Power Station	Penny's Bay Power Station
		
Station A: 4 x Coal-fired units Station B: 4 x Coal-fired units equipped with emission control facilities (2 units can use gas)	8 x High Efficiency Combined Cycle Gas Turbines	3 x Diesel Oil fired units to meet peak demand

Could we build more generation facilities in Hong Kong?

There is sufficient room in the existing plant sites at Castle Peak and Black Point to build new generation units. This would moderate issues with environmental permitting, site selection and impact on the community rather than if generation plants were to be built on new sites. If our coal plants at Castle Peak were to be retired, even more space would be available for additional generation.

Is there a difference in reliability compared to Option 1?

We have full control of local generation capacity to meet customer demand, which offers the highest degree of reliability. Our track record shows that Hong Kong enjoys world class reliability.

RELIABILITY

What are the considerations with Option 2?

Since more natural gas will be required for Option 2, some of the considerations include:

- **Availability of gas:** since natural gas is subject to both regional and international supply and demand, the certainty of gas availability to Hong Kong is important.
- **Fluctuating gas prices:** the international price of natural gas fluctuates since it is affected not only by supply and demand but also by technological and regulatory developments.
- **Adequate gas infrastructure:** other than the availability of natural gas, there must be adequate and timely gas infrastructure to bring it to Hong Kong.

Some of the measures available to Hong Kong are:

- **Integration of gas supply with the Mainland:** Hong Kong's gas infrastructure is already integrated with the Mainland. Pipelines bring in natural gas supplies for CLP via the Second West-to-East Natural Gas Pipeline (WEPII) and from the Yacheng gas field near Hainan Island.
- **New regional sources of natural gas are being developed:** new Liquefied Natural Gas (LNG) Terminals being developed in the region such as Eastern Shenzhen and Zhuhai will open up new opportunities to bring in additional supplies of natural gas to Hong Kong.
- **New Technologies:** Floating Storage Regasification Units (FSRU) potentially present additional gas options for Hong Kong compared to conventional land-based LNG terminals in accessing competitive gas supplies from world markets.

Regional challenges, regional solutions

Although natural gas prices are relatively high at the moment in Asia, there may be opportunities to tap into natural gas markets overseas with the right regional infrastructure. An example is the development of shale gas in the United States which has seen the price of natural gas in their markets fall dramatically. Some of this may be available for export in due course. The Mainland is also looking to further explore and develop its own domestic shale gas.

Though there are upfront investment costs for infrastructure, these are relatively small when seen in the perspective of the longer-term, ongoing and far greater costs of fuel. Having the right infrastructure in place across the region allows more flexibility to source natural gas from around the world, at the best prices.

The challenge of securing sufficient quantities of natural gas at the right price is not a unique one to Hong Kong. It is a regional challenge and the region as a whole can potentially benefit in the future from the continued developments in overseas natural gas markets.

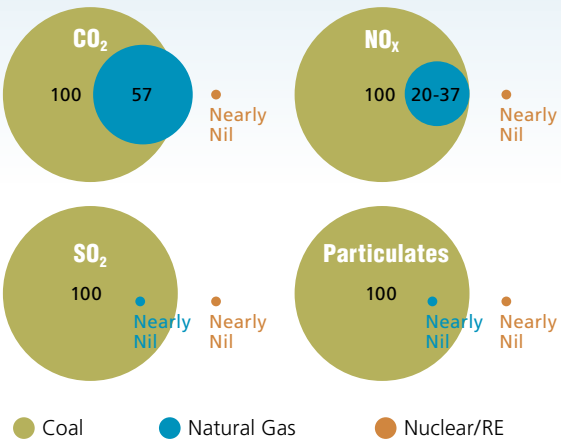
EMISSIONS

Fuel types for electricity generation and emissions

The process of generating electricity gives rise to Carbon Dioxide (CO_2) and other air emissions with different levels of intensity for different fuels. CO_2 is a greenhouse gas which is related to climate change. Other air emissions such as Sulphur Dioxide (SO_2) Nitrogen Oxide (NOx) and Respirable Suspended Particulates (particulates) affect our local air quality.

- Per unit of energy, coal produces the most emissions, followed by natural gas
- Nuclear and renewable energy (RE) such as hydro, solar and wind do not generally have emissions when producing electricity

Emissions from different fuels



Indexed Emission: Coal, Gas, Nuclear & RE

Source: International Energy Agency (IEA)

Reducing emissions from power generation while meeting rising electricity demand

Before With the use of emission abatement technologies in the early 1990s, import of nuclear power starting 1994 and use of natural gas in 1996, CLP had achieved significant emissions reductions by 2000 compared to 1990.

Now Emission caps have been set by the Hong Kong Government for 2010 and 2015, and further tightened from 2017 onwards. CLP installed emission control equipment in the four largest coal-fired units at Castle Peak Power Station and increased usage of low emissions coal so as to meet the 2010 emission caps.

Future Looking forward, CLP will need to significantly increase its usage of gas to further reduce its emissions to meet the new 2015 & 2017 emission caps.

CLP emissions reduction (1990 – 2017)*

Particulates	SO_2	NO_x
-88%	-94%	-86%

* Actual and forecasted emissions to meet emission caps up to 2017

EMISSIONS

FOR OPTION 1:

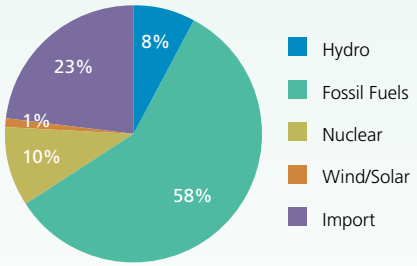
If more electricity was to be imported from the Mainland grid, how would this impact Hong Kong's emissions performance?

Fuel mix of the Guangdong grid and CSG

For the Guangdong grid, to which we would be physically connected to if Hong Kong were to take up Option 1 (import 30% of our power from the Mainland grid):

- 58% of energy is produced from fossil fuels (mainly coal)
- 10% from Nuclear
- 8% from Hydro
- 1% from Wind and Solar
- 23% is imported from outside of Guangdong

2013 Guangdong Fuel Mix

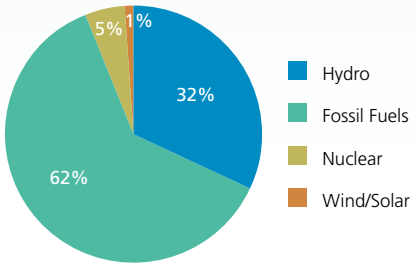


Source: 2013 Report, China Electricity Council

For the CSG network as a whole:

- 62% of energy is produced from fossil fuels (mainly coal)
- 5% from Nuclear
- 32% from Hydro
- 1% from Wind and Solar

2013 China Southern Grid Fuel Mix



Source: 2013 Report, China Electricity Council

Since the marginal fuel on the Mainland is generally coal, additional energy imports into Hong Kong may simply increase emissions on the Mainland unless there are new sources of clean energy supply dedicated for Hong Kong.

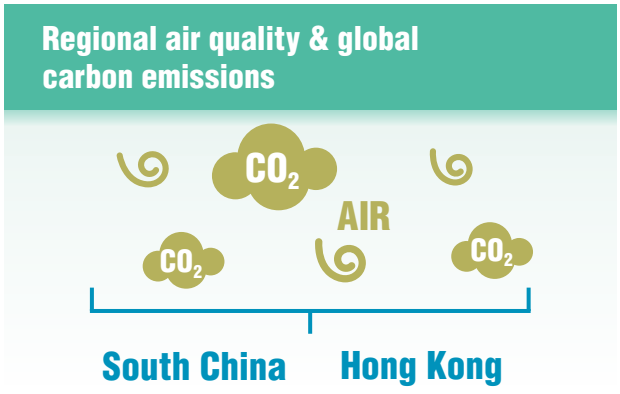
EMISSIONS

Would the additional imported electricity be zero emissions?

Regional air quality is shared: will the relocation of the source of air pollutants from electricity generation (via Option 1) contribute to cleaner air in Hong Kong? Unless additional new capacity of clean energy is planned for Hong Kong specifically, the marginal fuel is likely to be coal in Guangdong. Consideration should be given to the impact on shared regional air quality.

Climate change is global: if the intent of reducing Hong Kong's carbon intensity is to help mitigate climate change, shifting the source of carbon emissions to the Mainland would not reduce global emissions.

Control of emissions performance: if the imported electricity is not from a defined source of generation in the Mainland then it is difficult to be certain about both the current and future emissions performance of the additional imported power.



Opportunities with importing more clean power from the Mainland

Although CSG's fuel mix is mostly coal at the moment, the option of importing more power from the Mainland grid (Option 1) would open up more opportunities for a range of energy purchases in the longer term future, if the reliability, emissions performance and energy costs of future new suppliers are attractive.

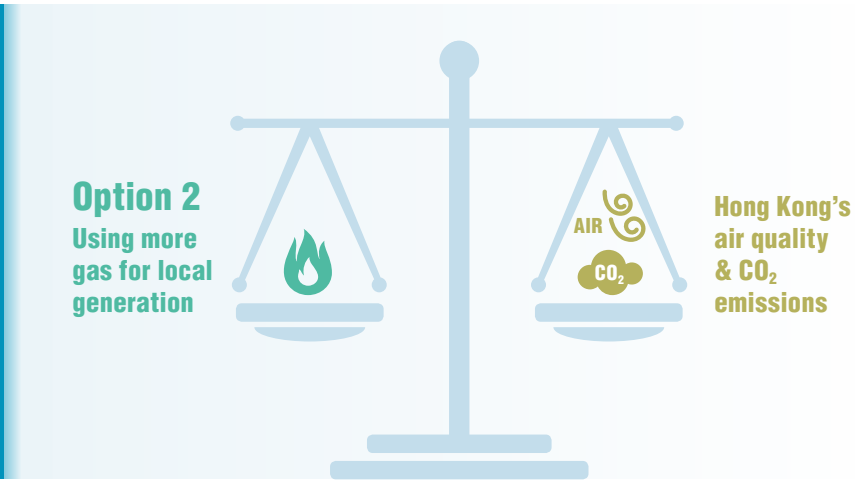
For example, in the future it may be possible to consider imports of hydroelectric or nuclear power to supplement Hong Kong's energy mix. Nuclear power would be a stable source of electricity and it can provide a firm level of capacity year round to reliably meet Hong Kong's demand. For hydroelectricity, the capacity to deliver power when needed is not certain and the quantity from year to year would depend on the weather and rainfall at the plant. Another approach would be to provide additional local gas generation capacity under Option 2 and also purchase hydroelectricity through enhanced interconnection when it is available at the right price.

EMISSIONS

FOR OPTION 2:

Using more gas for local generation

How would this impact Hong Kong's emissions performance?



Increasing local gas generation capacity (Option 2) would allow us to have more control and certainty about our emissions performance and can contribute to the 2020 reduction targets. But further improvements in the much longer term may be limited since natural gas, although relatively clean, is still a fossil fuel.

Option 1 has the potential to deliver greater local emissions reduction than Option 2 in the longer term. However, additional clean energy planned specifically for Hong Kong would be needed to ensure that Option 1 would contribute to cleaner air in Hong Kong and lower carbon emissions globally.

How well will both the options meet carbon intensity reduction targets?

The Government has committed to meeting the air pollutant emission reduction targets already set to improve our air quality, both locally and regionally. It also remains committed to the carbon intensity target proposed for 2020 as part of the public consultation on Hong Kong's climate change strategy and action agenda in 2010.

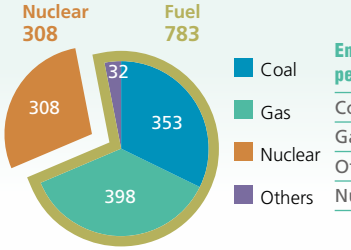
COSTS

What are the costs of generation using different fuels today?

CLP has been publishing the costs of the fuel used to generate our electricity. For April 2014, coal was the cheapest fuel at 26 cents per kWh, nuclear the next at 47 cents and gas at 89 cents. Future prices may be different but in general we have found coal the cheapest unit cost over many years, followed by nuclear and then by gas.

Monthly energy costs breakdown (Local sales)

April 2014 Energy Cost ($ Million)



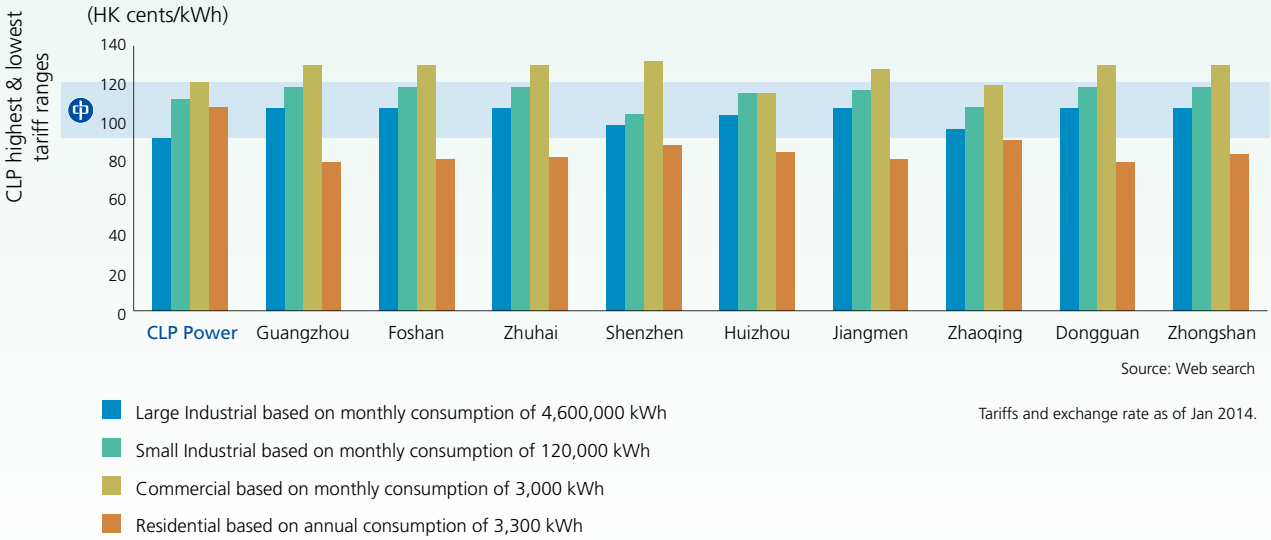
Energy Cost per Unit Sent Out	¢/kWh
Coal	26
Gas	89
Others (e.g. oil)	246
Nuclear	47

Convergence of Mainland's energy prices toward international levels

Although it is difficult to predict what fuel prices will be in the future, there are growing views that energy prices on the Mainland will move increasingly towards international levels. Continued reform of its energy markets, sustained economic development and the move to cleaner energy will spur the convergence of the Mainland's energy prices with world prices as it also competes with other countries for new sources of cleaner energy.

As shown by the chart below, the electricity tariffs of CLP and various major cities in Guangdong are already very similar.

2014 Tariff comparison between HK and PRD cities



Source: Web search

Large Industrial based on monthly consumption of 4,600,000 kWh
Small Industrial based on monthly consumption of 120,000 kWh
Commercial based on monthly consumption of 3,000 kWh
Residential based on annual consumption of 3,300 kWh

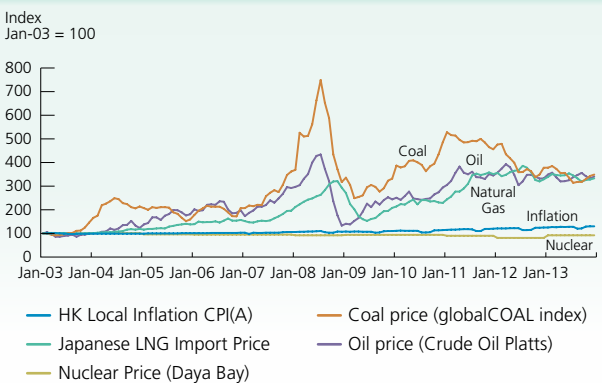
Tariffs and exchange rate as of Jan 2014.

COSTS

The cost of fuels will change

The costs of fuel today may not be the same tomorrow. Over the past ten years, coal prices have been the most volatile, followed by oil and then natural gas. The price of nuclear power from Daya Bay has been very stable, remaining at lower levels than local inflation over the entire period. Looking forward, future nuclear prices are likely to be relatively steady if CLP Power were to bring in new long term supplies from the Mainland through a new off-take contract similar to that signed with Daya Bay. Although benchmark prices are expected to be higher than those for Daya Bay with the use of new Third Generation nuclear technology, they are still expected to be competitive with gas. Volatility means that fuels which are expensive today may be cheaper tomorrow and vice versa.

Volatility of fossil fuel prices over last decade



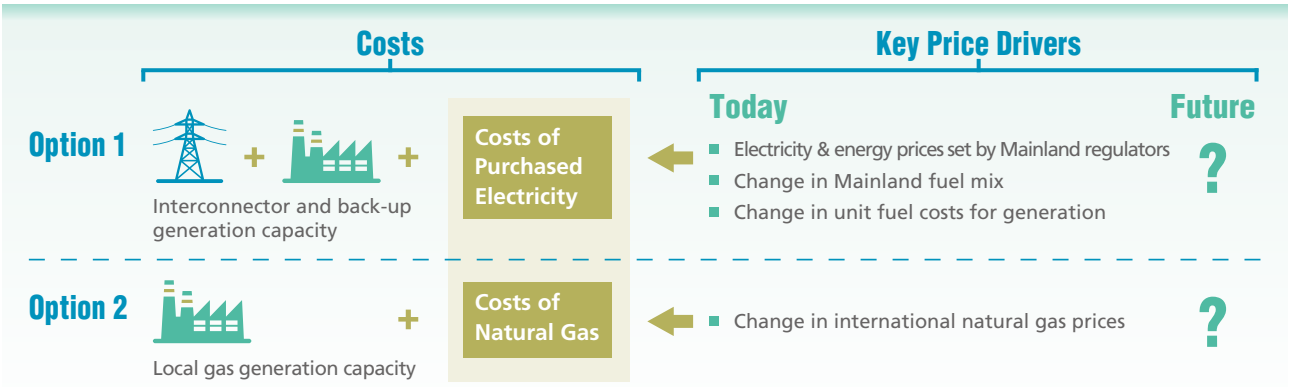
What are the costs involved in the different options?

The Government's consultation has mentioned that the costs involved in both Option 1 (additional import from the Mainland grid) and Option 2 (more local gas generation) are similar with unit generation costs doubling over the planning horizon of ten years. Our initial view is that we concur with these broad estimates.

Looking forward, it is possible that Mainland power prices may fluctuate with:

- changes in the cost of fuels used in electricity generation
- changes in on-grid electricity prices set by Mainland regulators
- changes in grid transmission prices set by Mainland regulators
- the balance of electricity supply and demand in the Mainland
- the conversion rate of the renminbi (RMB) into Hong Kong Dollars
- changes in the rate of VAT payable by Hong Kong to the Mainland
- any carbon or emissions trading costs imposed on electricity in the Mainland as it moves to a cleaner fuel mix for electricity generation

None of these costs are controllable by the power companies importing electricity into Hong Kong. On the other hand, Hong Kong is not able to control the price of gas used to generate electricity here, although other costs of power generation may be more within our control.



The Mainland is expected to move towards a cleaner fuel mix over time and its price for fuel is likely to converge with international prices.

COSTS

Lead time for new infrastructure

Another consideration is the lead times for the required power infrastructure under the two different options.

For importing more electricity from the Mainland grid (Option 1), the lead time for a new interconnector is about 10 years, subject to further feasibility studies. This is because a new interconnector between Hong Kong and Guangdong would be a cross-border project that would be fairly complex and involve many stakeholders in the Mainland electricity supply system.

The timing to build additional local gas generation capacity (Option 2) is quite certain even for 2020 with a lead time of about 4-5 years.

Estimated lead time for infrastructure

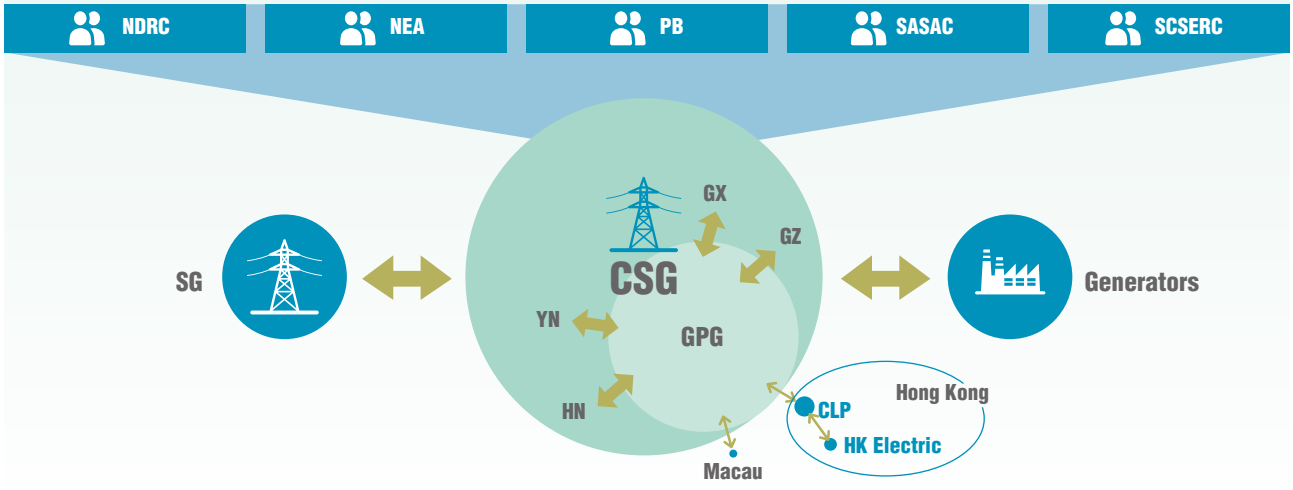
10 years — New Transmission Line for Grid Import

New High Efficiency Combined Cycle Gas Turbine — **4-5 years**

More cross-border stakeholders involved:

The Mainland electricity supply industry is far larger and more complex than the stand-alone electrical system that we currently have here in Hong Kong. For any increased integration with the Mainland power system, Hong Kong would be one of many stakeholders involved and it may not be able to appreciably influence the planning and development of the electricity supply to cater specifically for the needs of our own local system.

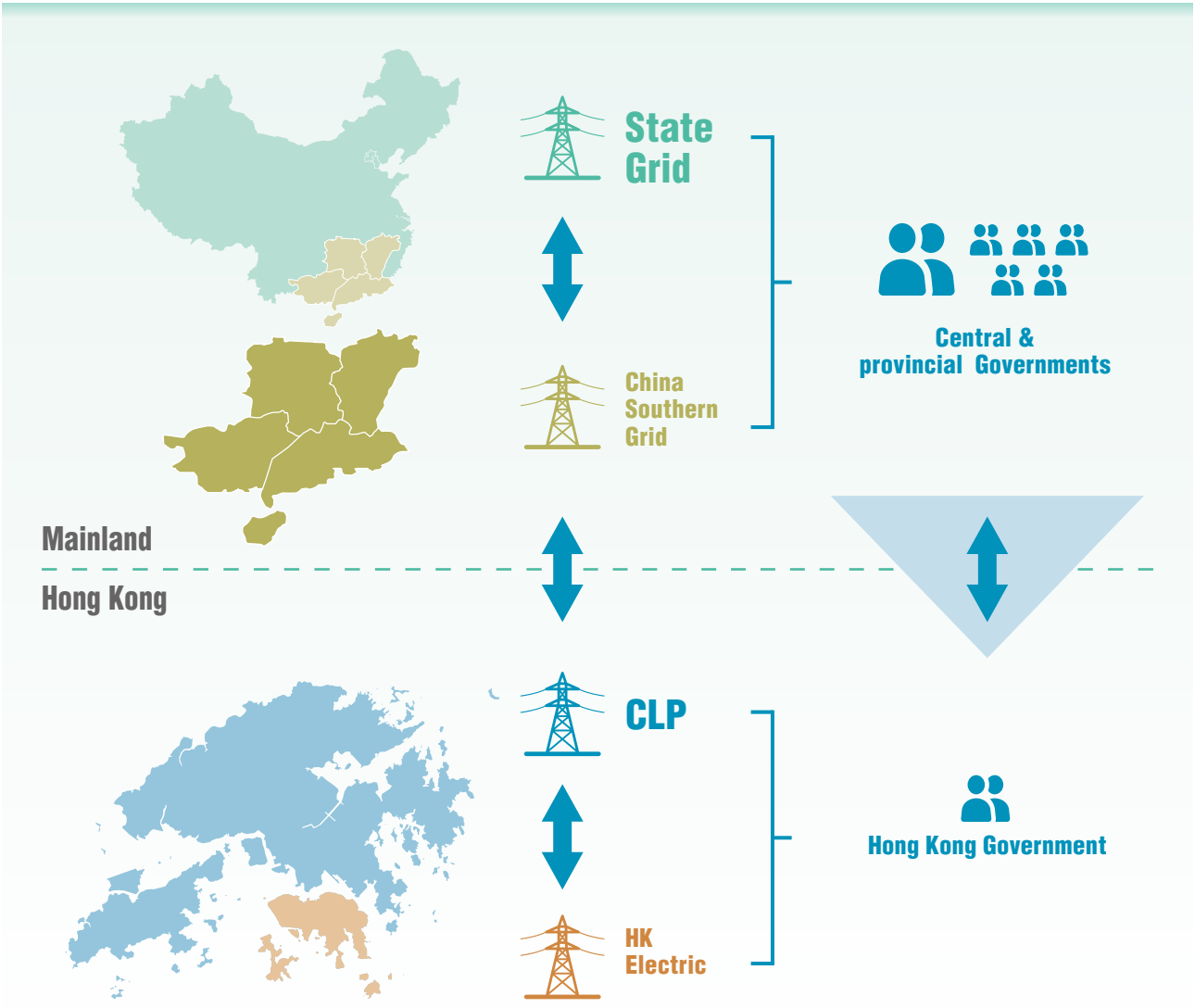
- Mainland's electricity planning and coordination is complex and of a massive scale
- Hong Kong is just one of many stakeholders in the supply chain



Regulatory Stakeholders	NDRC (National Development & Reform Commission), NEA (National Energy Administration), PB (Price Bureau), SASAC (State-owned Assets Supervision & Administration Commission of the State Council), SCSERC (South China Energy Regulatory Bureau of National Energy Administration of the People's Republic of China).
Grid Stakeholders	SG (State Grid), CSG (China Southern Power Grid) including GPG (Guangdong Power Grid), HN (Hainan Power Grid), GZ (Guizhou Power Grid), GX (Guangxi Power Grid), YN (Yunnan Power Grid)
Generation Stakeholders	Yudean Group, CGN (China General Nuclear Power Corporation), Other Generators

COSTS

Strengthening the interconnection between Hong Kong and the Mainland as well as contracting for additional supplies of imported grid power are cross-border tasks that would be complex and involve many provincial and national government organisations and industry participants.



Increased integration with the Mainland

More options for Hong Kong: Increasing our energy infrastructure integration with the Mainland can be beneficial and provides more options for Hong Kong. The overall direction of the Central Government is to move towards an increasingly cleaner and lower carbon electricity fuel mix in the longer term and by having access to this, Hong Kong may have more choices to enjoy a more diversified fuel mix, providing that there is a clear roadmap on how and when this will be done and we are clear as to the generation source of any imported power.

COSTS

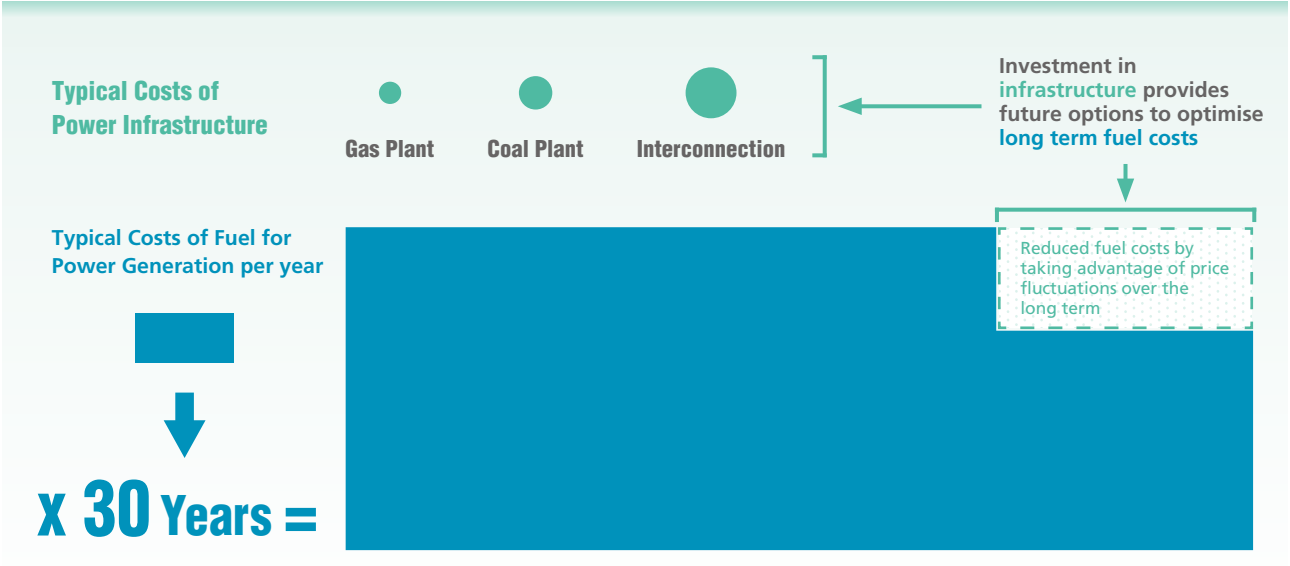
Value of flexibility to use the best priced fuels

A diversified mix of fuel comprising coal, gas and nuclear has served Hong Kong well for decades, in terms of safety, reliability, environmental performance and affordability. Since fuel prices can fluctuate, the ability in the future to use whatever fuel is the most affordable at the time provides the greatest value to Hong Kong in terms of maintaining the affordability of electricity prices while maintaining high levels of reliability.

In 2013, CLP spent almost 10 billion Hong Kong Dollars just on the fuel needed to generate electricity to meet electricity demand from our customers and to meet the emissions caps set by the Government. Option 1 and Option 2 will both need additional capital investment to build a new interconnector or new highly efficient combined cycle gas turbine(s). Such investments will have long asset lives – perhaps 40 to 60 years. So, spread out over their lifetime, the new infrastructure costs will represent a much smaller sum per annum than our fuel bill.

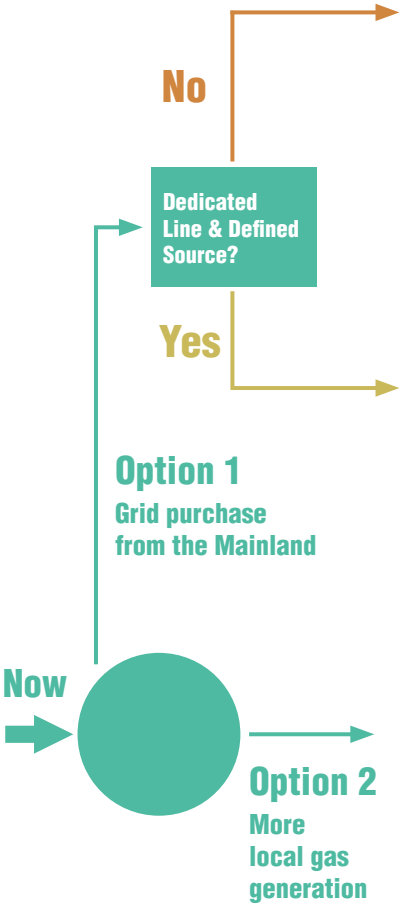
Options to use the best priced fuels: this means that investing in more than one option (or in parts of both) may mean that if, in future, the unit cost of importing power from the Mainland or in using gas for local generation were to rise or fall significantly, the ability to switch to using less or more imported power or gas for local generation could still give very significant savings for consumers.

Long-term fuel costs are the biggest component: the diagram below illustrates costs for power infrastructure including generators and enhancing the network between Hong Kong and Guangdong. Then it shows the typical annual costs of fuel used for generation by CLP at the moment. Over the long term, the costs of fuel are by far the largest single cost component in supplying electricity. The ability to flex the types of fuel used over the long term allows the optimisation of fuel costs with the ability to reduce the total cost of fuel used for electricity generation. The initial investment for power infrastructure may seem large but does create value through the capability of using different fuels when the price is attractive.



Note: proportions are for illustrative purposes and not representative of exact costs

FUEL MIX CHOICES AT A GLANCE



	RELIABILITY	COSTS	EMISSIONS
Option 1 – Grid purchase from the Mainland	■ No local control of generation capacity ■ Sufficient local back-up generation is required ■ Reliability dependent on CSG and the Guangdong power grid	**Government Consultation Estimate** Roughly double the unit generation cost over the five years from 2008 to 2012	■ Reduced emissions of CO_2 and air pollutants in Hong Kong ■ No control of emissions in Mainland
Option 1 – Grid purchase from the Mainland	**Better Reliability** Better reliability with: ■ More control of generation and network quality ■ Ability to decouple from Guangdong grid in case of any issues	■ Depends on the location and nature of the generation source but roughly the SAME AS TOP BOX	■ Reduced emissions of CO_2 and air pollutants in Hong Kong ■ Certainty of emissions performance
Option 2 – More local gas generation	**Highest Reliability** ■ Self-sufficient generation in Hong Kong with minimal reliance on electricity imports and exposure to external party network & generation risks	**Government Consultation Estimate** Roughly double the unit generation cost over the five years from 2008 to 2012	■ Reduced local emissions of CO_2 and air pollutants ■ Certainty of emissions performance ■ Control of emissions but less room for further emissions improvement

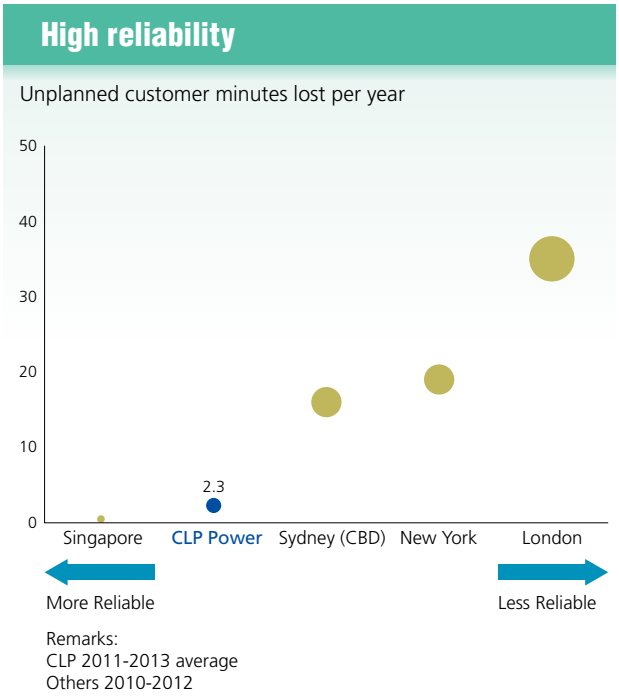
OUR PERFORMANCE: PAST AND PRESENT

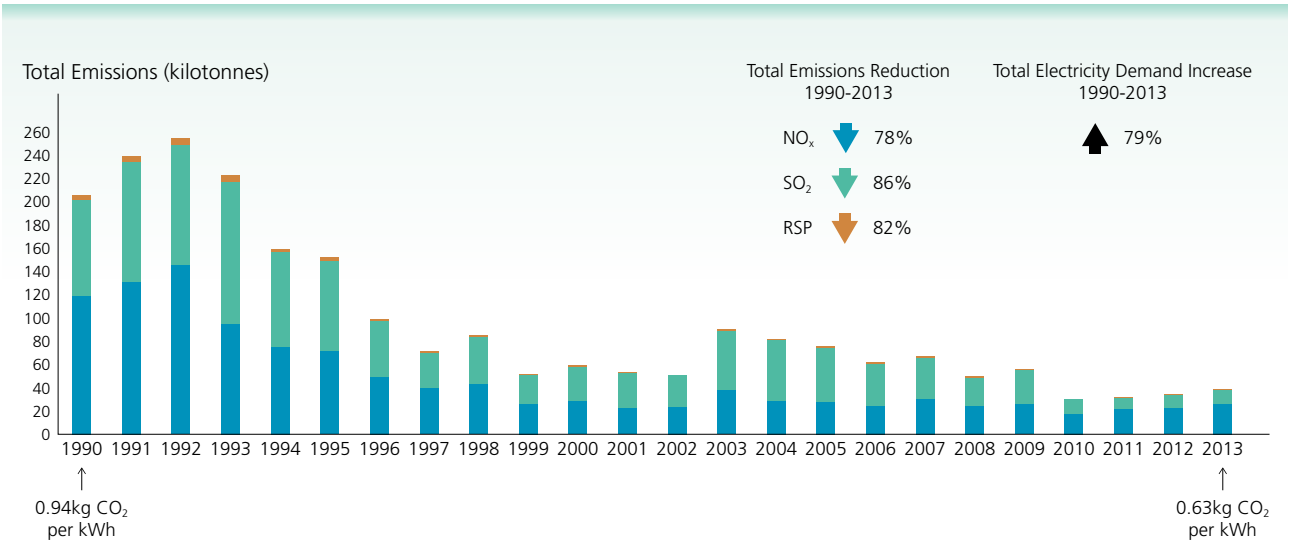
High reliability

Our city enjoys world-class reliability with the supply of electricity that is under Hong Kong's control.

Emissions reduction

The Scheme of Control mechanism has constantly evolved since its beginnings in the 1960s to meet the changing needs of Hong Kong. This is seen in its flexibility to plan and bring about significant reductions in emissions from electricity generation during a time when demand for electricity was growing. The chart below illustrates CLP's emissions reduction performance over the past two decades.





CLP's air emissions have reduced significantly over the last twenty years, falling by 80% at the same time as demand for electricity has risen by 80%.

OUR PERFORMANCE: PAST AND PRESENT

Reasonable tariffs

By international standards, Hong Kong enjoys low electricity tariffs particularly in light of the high-level of reliability that is delivered.

Residential tariff comparison with other cities

Notes:
1. Comparison based on average monthly domestic consumption of 275kWh
2. Tariff and exchange rate at January 2014

Source: Web Search

The costs of electricity as an input component are disproportionally small when compared to the wealth and prosperity that it helps create. The cost of 99.999% reliable electricity for Hong Kong consumers amounts to approximately 2% of Hong Kong's GDP. The exact value derived from this reliability is difficult to quantify but has a crucial role in the proper functioning of Hong Kong's economy and our day to day lives.

Value of Hong Kong's GDP (2012)

To put this into perspective, if by reducing reliability, electricity costs were cut by say 10% (perhaps an unrealistically high number), that would amount to only 0.2% of Hong Kong's GDP. It would take only a tiny reduction in GDP as a result of that lower reliability for this to be an uneconomic proposition.

Seen in this light, Hong Kong's high levels of reliability should be the prime consideration in any future fuel mix decision or regulatory change.

Energy efficiency and conservation

In addition to moving towards a cleaner fuel mix, CLP believes that energy efficiency and conservation has a fundamental role to play in addressing climate change and that we all need to do our part and use energy more wisely. CLP's *Towards a Greener Pearl River Delta – a Roadmap for Reliable Clean Energy Generation for Hong Kong*, sets out our Energy Vision which highlights promoting energy efficiency as a key initiative.

CLP takes a four-step approach towards energy efficiency and conservation (EE&C):

- educating the public
- providing customers with information and energy-saving tips
- equipping customers with tools and technical support
- helping with enablers to make greater energy efficiency possible

A wide range of services are available to our Hong Kong customers (more details on our website: www.clponline.com.hk) to both homes and businesses.

Smart meter

COMPARING HONG KONG AND MACAU

The consultation document refers to Macau as an example for grid import (Option 1). It may be useful to look at how the two cities differ to see if Macau is a good reference for Hong Kong to consider.

Hong Kong	Macau
14x the population	
10x the electricity consumption	
5,000,000 passenger trips via rail system	–
Extreme high-rise city	
International banking centre	
6th largest stock exchange in the world	Fast growing tourism & entertainment industry
Fast growing data centre industry	
60,000,000 passengers via airport	Over 35+ casinos
Air cargo & container cargo industry	
Average net electricity tariff (CLP, 2013) **1.05HKD/kWh**	Average net electricity tariff (2013) **1.32MOP/kWh**

CLP Power Hong Kong Limited

8 Laguna Verde Avenue, Hung Hom, Kowloon, Hong Kong
Tel: (852) 2678 8111
Fax: (852) 2760 4448
www.clp.com.hk

May 2014

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521B00003

Annex

Response Form
Public Consultation on Future Fuel Mix for Electricity Generation in Hong Kong

Please send this response form to us on or before **18 June 2014** by one of these means:

mail: Environment Bureau, Electricity Reviews Division, 15/F, East Wing, Central Government Offices, 2 Tim Mei Avenue, Tamar, Hong Kong

e-mail: fuel_mix@enb.gov.hk

fax: 2147 5834

Part 1 (See Notes)

This is a ☑ corporate response (representing the views of a group or an organisation) or ☐ individual response (representing the views of an individual)

by Hutchison Estate Agents Ltd
(name of person or organisation)

at _____ (telephone) and _____ (e-mail)

Part 2

Fuel Mix Options

FUEL MIX		IMPORT		NATURAL GAS	COAL (& RE)
		NUCLEAR (DBNPS)	GRID PURCHASE		
Existing (2012)		23%	-	22%	55%**
OPTION 1*	Importing more electricity through purchase from the Mainland power grid	20%	30%	40%	10%
		Total : 50%			
OPTION 2*	Using more natural gas for local generation	20%	-	60%	20%

* The above fuel mix ratios aim at providing a basis for planning the necessary infrastructure for electricity supply. Flexibility should apply to actual deployment of each fuel type, having regard to the circumstances happening on the ground.

** Inclusive of a small percentage of oil

Part 3

Specific Questions for Consultation

Q1: How do you view each of the two fuel mix options with regard to safety, reliability, cost, environmental performance and other relevant considerations? (Please indicate your view on **EACH** of the two options.)

Option	Support	Not Support	Reason for NOT supporting (You can tick more than one box)
1	☐	☑	☑ **Safety** ☑ **Reliability** ☑ **Affordability** ☑ **Environmental performance** ☐ **Others (please specify):** _____
2	☑	☐	☐ **Safety** ☐ **Reliability** ☐ **Affordability** ☐ **Environmental performance** ☐ **Others (please specify):** _____

Q2: Which of the two fuel mix options do you prefer? Why? (Please tick **ONLY ONE** box)

Option 1 ☐

Option 2 ☑

Reasons: (You can tick more than one box below)

Safety ☑

Reliability ☑

Affordability ☑

Environmental Performance ☑

Others ☐ **Please specify:** _____

Part 4

Other Comments and Suggestions

Our business requires a reliable IT infrastructure 24/7. The current electricity suppliers in Kowloon and HK island have done a good job and we prefer Option 2.

521 B00004

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e-mail: fuel_mix@enb.gov.hk

fax: 2147 5834

Part 1 (See Notes)

This is a ☑ corporate response (representing the views of a group or an organisation) or
☐ individual response (representing the views of an individual)

by Hutchison Logistics Centre Management Limited
(name of person or organisation)

at _____ (telephone) and _____ (e-mail)

Part 2

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2	☑	☐	☐ **Safety** ☐ **Reliability** ☐ **Affordability** ☐ **Environmental performance** ☐ **Others (please specify):** _____

Q2: Which of the two fuel mix options do you prefer? Why? (Please tick **ONLY ONE** box)

Option 1 ☐

Option 2 ☑

Reasons: (You can tick more than one box below)

Safety ☑

Reliability ☑

Affordability ☑

Environmental Performance ☑

Others ☐ **Please specify:** _____

Part 4

Other Comments and Suggestions

The logistics business requires a stable source of electricity. Option 1 will merely move emissions generated locally to being generated in Guangzhou which will still pollute HK air.

521 B00005

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by Hongville Ltd
(name of person or organisation)

at _____ (telephone) and _____ (e-mail)

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Fuel Mix Options

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Part 3

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2	☑	☐	☐ **Safety** ☐ **Reliability** ☐ **Affordability** ☐ **Environmental performance** ☐ **Others (please specify):** _____

Q2: Which of the two fuel mix options do you prefer? Why? (Please tick **ONLY ONE** box)

Option 1 ☐

Option 2 ☑

Reasons: (You can tick more than one box below)

Safety ☑

Reliability ☑

Affordability ☑

Environmental Performance ☑

Others ☐ **Please specify:** _____

Part 4

Other Comments and Suggestions

Option 1 will not improve pollution as the pollution generation will merely be moved across the border.

521B00006

Annex

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e-mail: fuel_mix@enb.gov.hk

fax: 2147 5834

Part 1 (See Notes)

This is a ☑ corporate response (representing the views of a group or an organisation) or ☐ individual response (representing the views of an individual)

by Hutchison Whampoa Properties Ltd
(name of person or organisation)

at _____ (telephone) and _____ (e-mail)

Part 2

Fuel Mix Options

FUEL MIX		IMPORT		NATURAL GAS	COAL (& RE)
		NUCLEAR (DBNPS)	GRID PURCHASE		
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Part 3

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2	☑	☐	☐ **Safety** ☐ **Reliability** ☐ **Affordability** ☐ **Environmental performance** ☐ **Others (please specify):** _____

Q2: Which of the two fuel mix options do you prefer? Why? (Please tick **ONLY ONE** box)

Option 1 ☐
Option 2 ☑

Reasons: (You can tick more than one box below)

Safety ☑
Reliability ☑
Affordability ☑
Environmental Performance ☑
Others ☐ **Please specify:** _____

Part 4

Other Comments and Suggestions

Unlike casinos and hotels in Macau, many buildings in HK do not have back-up generators. As a premier tourist destination, reliable electricity to run escalators, elevators, light, air conditioning, etc. are a must. Option 2 is proven.

522B00002

附件

回應表格
香港的未來發電燃料組合公眾諮詢

請於2014年6月18日或之前透過以下方式提交你的意見。
郵寄地址: 香港添馬添美道二號政府總部東翼十五樓環境局電力檢討科
電子郵件: fuel_mix@enb.gov.hk
傳真: 2147 5834

第一部分(見註)

這是 ☐ 團體回應 (代表個別團體或機構意見) 或
☑ 個人回應 (代表個人意見)

Zok maintenance Contractor Ltd.
(個人或機構名稱)

(電話) 及 (電郵)

第二部分
燃料組合

燃料組合		輸入		天然氣	煤 (及可再生能源)
		核能 (大亞灣核電站)	從電網購電		
現時 (2012)		23%	-	22%	55%**
方案1*	通過從內地電網購電以輸入更多電力	20%	30%	40%	10%
		總共：50%			
方案2*	利用更多天然氣作本地發電	20%	-	60%	20%

*以上的燃料比例用以提供一個基礎作規劃電力供應所需的基建。不同燃料的實際分配應按實際情況釐定。

**包括少量燃油。

第三部分

具體諮詢問題

問1: 就安全、可靠性、合理價格、環保表現及其他相關的考慮而言，你對兩個燃料組合方案有何意見? (請就**每個**方案說明你的看法)

方案	支持	不支持	不支持方案的原因 (可選擇多過一項)
1	☐	☑	☑ **安全** ☑ **可靠性** ☑ **合理價格** ☑ **環保表現** ☐ **其他（請註明）:** _____
2	☑	☐	☑ **安全** ☑ **可靠性** ☑ **合理價格** ☑ **環保表現** ☐ **其他（請註明）:** _____

問2: 你認為在兩個燃料組合方案中，哪一個較理想？為什麼？(請只選擇**一個**)

方案1 ☐
方案2 ☑

原因: (可選擇多過一項)

安全 ☑
可靠性 ☑
合理價格 ☑
環保表現 ☑
其他 ☐ **請註明:** _____

第四部分

其他意見或建議

安全 環保

522B00003

522B0000

Annex

Response Form
Public Consultation on Future Fuel Mix for Electricity Generation for Hong Kong

Please send this response form to us on or before **18 June 2014** by one of these means:

mail: Environment Bureau, Electricity Reviews Division, 15/F, East Wing, Central Government Offices, 2 Tim Mei Avenue, Tamar, Hong Kong

e-mail: fuel_mix@enb.gov.hk

fax: 2147 5834

Part 1 (See Notes)

This is a ☑ corporate response (representing the views of a group or an organisation) or ☐ individual response (representing the views of an individual)

by T W Design Consultants Limited
(name of person or organisation)

at _____ (telephone) and _____ (e-mail)

Part 2

Fuel Mix Options

FUEL MIX		IMPORT		NATURAL GAS	COAL (& RE)
		NUCLEAR (DBNPS)	GRID PURCHASE		
Existing (2012)		23%	-	22%	55%**
OPTION 1*	Importing more electricity through purchase from the Mainland power grid	20%	30%	40%	10%
		Total : 50%			
OPTION 2*	Using more natural gas for local generation	20%	-	60%	20%

* The above fuel mix ratios aim at providing a basis for planning the necessary infrastructure for electricity supply. Flexibility should apply to actual deployment of each fuel type, having regard to the circumstances happening on the ground.

** Inclusive of a small percentage of oil

Part 3

Specific Questions for Consultation

Q1: How do you view each of the two fuel mix options with regard to safety, reliability, cost, environmental performance and other relevant considerations? (Please indicate your view on **EACH** of the two options.)

Option	Support	Not Support	Reason for NOT supporting (You can tick more than one box)
1	☐	☑	☑ **Safety** ☑ **Reliability** ☑ **Affordability** ☑ **Environmental performance** ☐ **Others (please specify):** _____
2	☑	☐	☐ **Safety** ☐ **Reliability** ☐ **Affordability** ☐ **Environmental performance** ☐ **Others (please specify):** _____

Q2: Which of the two fuel mix options do you prefer? Why? (Please tick **ONLY ONE** box)

Option 1 ☐

Option 2 ☑

Reasons: (You can tick more than one box below)

Safety ☑

Reliability ☑

Affordability ☑

Environmental Performance ☑

Others ☐ **Please specify:** _____

Part 4

Other Comments and Suggestions

Hong Kong has some of the most affordable electricity prices. By Grid Purchase, we are introducing additional unknowns into the cost structure.

522 B0000

522B00004

Annex

Response Form
Public Consultation on Future Fuel Mix for Electricity Generation for Hong Kong

Please send this response form to us on or before **18 June 2014** by one of these means:

mail: Environment Bureau, Electricity Reviews Division, 15/F, East Wing, Central Government Offices, 2 Tim Mei Avenue, Tamar, Hong Kong

e-mail: fuel_mix@enb.gov.hk

fax: 2147 5834

Part 1 (See Notes)

This is a ☑ corporate response (representing the views of a group or an organisation) or
☐ individual response (representing the views of an individual)

by Sheraton Hong Kong Hotels & Towers
(name of person or organisation)

at _____ (telephone) and _____ (e-mail)

Part 2

Fuel Mix Options

FUEL MIX		IMPORT		NATURAL GAS	COAL (& RE)
		NUCLEAR (DBNPS)	GRID PURCHASE		
Existing (2012)		23%	-	22%	55%**
OPTION 1*	Importing more electricity through purchase from the Mainland power grid	20%	30%	40%	10%
		Total : 50%			
OPTION 2*	Using more natural gas for local generation	20%	-	60%	20%

* The above fuel mix ratios aim at providing a basis for planning the necessary infrastructure for electricity supply. Flexibility should apply to actual deployment of each fuel type, having regard to the circumstances happening on the ground.

** Inclusive of a small percentage of oil

Part 3

Specific Questions for Consultation

Q1: How do you view each of the two fuel mix options with regard to safety, reliability, cost, environmental performance and other relevant considerations? (Please indicate your view on **EACH** of the two options.)

Option	Support	Not Support	Reason for NOT supporting (You can tick more than one box)
1	☐	☑	☑ **Safety** ☑ **Reliability** ☑ **Affordability** ☑ **Environmental performance** ☐ **Others (please specify):** _____
2	☑	☐	☐ **Safety** ☐ **Reliability** ☐ **Affordability** ☐ **Environmental performance** ☐ **Others (please specify):** _____

Q2: Which of the two fuel mix options do you prefer? Why? (Please tick **ONLY ONE** box)

Option 1 ☐

Option 2 ☑

Reasons: (You can tick more than one box below)

Safety ☑

Reliability ☑

Affordability ☑

Environmental Performance ☑

Others ☐ **Please specify:** _____

Part 4

Other Comments and Suggestions

To maintain our status as a world-class tourism dest nation, we have to improve air pollution as well as have a reliable energy supply.

5 22 B0000

522B00007

Response Form
Public Consultation on Future Fuel Mix for Electricity Generation for Hong Kong

Please send this response form to us on or before **18 June 2014** by one of these means:

mail: Environment Bureau, Electricity Reviews Division, 15/F, East Wing, Central Government Offices, 2 Tim Mei Avenue, Tamar, Hong Kong

e-mail: fuel_mix@enb.gov.hk

fax: 2147 5834

Part 1 (See Notes)

This is a ☑ corporate response (representing the views of a group or an organisation) or ☐ individual response (representing the views of an individual)

by Harbour Plaza Hotel Management Limited
(name of person or organisation)

at _____ (telephone) and _____ (e-mail)

Part 2

Fuel Mix Options

FUEL MIX		IMPORT		NATURAL GAS	COAL (& RE)
		NUCLEAR (DBNPS)	GRID PURCHASE		
	Existing (2012)	23%	-	22%	55%**
OPTION 1*	Importing more electricity through purchase from the Mainland power grid	20%	30%	40%	10%
		Total : 50%			
OPTION 2*	Using more natural gas for local generation	20%	-	60%	20%

* The above fuel mix ratios aim at providing a basis for planning the necessary infrastructure for electricity supply. Flexibility should apply to actual deployment of each fuel type, having regard to the circumstances happening on the ground.

** Inclusive of a small percentage of oil

Part 3

Specific Questions for Consultation

Q1: How do you view each of the two fuel mix options with regard to safety, reliability, cost, environmental performance and other relevant considerations? (Please indicate your view on **EACH** of the two options.)

Option	Support	Not Support	Reason for NOT supporting (You can tick more than one box)
1	☐	☑	☑ **Safety** ☑ **Reliability** ☑ **Affordability** ☑ **Environmental performance** ☐ **Others (please specify):** _____
2	☑	☐	☐ **Safety** ☐ **Reliability** ☐ **Affordability** ☐ **Environmental performance** ☐ **Others (please specify):** _____

Q2: Which of the two fuel mix options do you prefer? Why? (Please tick **ONLY ONE** box)

Option 1 ☐
Option 2 ☑

Reasons: (You can tick more than one box below)

Safety ☑
Reliability ☑
Affordability ☑
Environmental Performance ☑
Others ☐ **Please specify:** _____

Part 4

Other Comments and Suggestions

Hotels require consistent and reliable power for the comfort of our guests. In other locations where power is less reliable, the guest experience is severely affected. Furthermore, our hotels in HK are generally taller, thus power interruptions will be a safety issue for hotels.

522B00008

522B00008

Response Form
Public Consultation on Future Fuel Mix for Electricity Generation for Hong Kong

Please send this response form to us on or before **18 June 2014** by one of these means:

mail: Environment Bureau, Electricity Reviews Division, 15/F, East Wing, Central Government Offices, 2 Tim Mei Avenue, Tamar, Hong Kong

e-mail: fuel_mix@enb.gov.hk

fax: 2147 5834

Part 1 (See Notes)

This is a ☑ corporate response (representing the views of a group or an organisation) or
☐ individual response (representing the views of an individual)

by Harbour Grand Hong Kong Limited
(name of person or organisation)

at _____ (telephone) and _____ (e-mail)

Part 2

Fuel Mix Options

FUEL MIX		IMPORT		NATURAL GAS	COAL (& RE)
		NUCLEAR (DBNPS)	GRID PURCHASE		
Existing (2012)		23%	-	22%	55%**
OPTION 1*	Importing more electricity through purchase from the Mainland power grid	20%	30%	40%	10%
		Total : 50%			
OPTION 2*	Using more natural gas for local generation	20%	-	60%	20%

* The above fuel mix ratios aim at providing a basis for planning the necessary infrastructure for electricity supply. Flexibility should apply to actual deployment of each fuel type, having regard to the circumstances happening on the ground.

** Inclusive of a small percentage of oil

Part 3

Specific Questions for Consultation

Q1: How do you view each of the two fuel mix options with regard to safety, reliability, cost, environmental performance and other relevant considerations? (Please indicate your view on **EACH** of the two options.)

Option	Support	Not Support	Reason for NOT supporting (You can tick more than one box)
1	☐	☑	☑ **Safety** ☑ **Reliability** ☑ **Affordability** ☑ **Environmental performance** ☐ **Others (please specify):** _____
2	☑	☐	☐ **Safety** ☐ **Reliability** ☐ **Affordability** ☐ **Environmental performance** ☐ **Others (please specify):** _____

Q2: Which of the two fuel mix options do you prefer? Why? (Please tick **ONLY ONE** box)

Option 1 ☐
Option 2 ☑

Reasons: (You can tick more than one box below)

Safety ☑
Reliability ☑
Affordability ☑
Environmental Performance ☑
Others ☐ **Please specify:** _____

Part 4

Other Comments and Suggestions

Reliable electricity supply is crucial for our guests who are staying with us as well as at our restaurants.

522B00009

522B00009

Annex

Response Form
Public Consultation on Future Fuel Mix for Electricity Generation for Hong Kong

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mail: Environment Bureau, Electricity Reviews Division, 15/F, East Wing, Central Government Offices, 2 Tim Mei Avenue, Tamar, Hong Kong

e-mail: fuel_mix@enb.gov.hk

fax: 2147 5834

Part 1 (See Notes)

This is a ☑ corporate response (representing the views of a group or an organisation) or ☐ individual response (representing the views of an individual)

by Whampoa Garden Management Limited
(name of person or organisation)

at _____ (telephone) and _____ (e-mail)

Part 2

Fuel Mix Options

FUEL MIX		IMPORT		NATURAL GAS	COAL (& RE)
		NUCLEAR (DBNPS)	GRID PURCHASE		
Existing (2012)		23%	-	22%	55%**
OPTION 1*	Importing more electricity through purchase from the Mainland power grid	20%	30%	40%	10%
		Total : 50%			
OPTION 2*	Using more natural gas for local generation	20%	-	60%	20%

* The above fuel mix ratios aim at providing a basis for planning the necessary infrastructure for electricity supply. Flexibility should apply to actual deployment of each fuel type, having regard to the circumstances happening on the ground.

** Inclusive of a small percentage of oil

Part 3

Specific Questions for Consultation

Q1: How do you view each of the two fuel mix options with regard to safety, reliability, cost, environmental performance and other relevant considerations? (Please indicate your view on **EACH** of the two options.)

Option	Support	Not Support	Reason for NOT supporting (You can tick more than one box)
1	☐	☑	☑ **Safety** ☑ **Reliability** ☑ **Affordability** ☑ **Environmental performance** ☐ **Others (please specify):** _____
2	☑	☐	☐ **Safety** ☐ **Reliability** ☐ **Affordability** ☐ **Environmental performance** ☐ **Others (please specify):** _____

Q2: Which of the two fuel mix options do you prefer? Why? (Please tick **ONLY ONE** box)

Option 1 ☐
Option 2 ☑

Reasons: (You can tick more than one box below)

Safety ☑
Reliability ☑
Affordability ☑
Environmental Performance ☑
Others ☐ **Please specify:** _____

Part 4

Other Comments and Suggestions

The current electricity supply model has worked well for us. We should work to lower emissions, but not by passing the responsibility to others.

522B00012

Annex

Response Form
Public Consultation on Future Fuel Mix for Electricity Generation for Hong Kong

Please send this response form to us on or before 18 June 2014 by one of these means:

mail: Environment Bureau, Electricity Reviews Division, 15/F, East Wing, Central Government Offices, 2 Tim Mei Avenue, Tamar, Hong Kong

e-mail: fuel_mix@enb.gov.hk

fax: 2147 5834

Part 1 (See Notes)

This is a ☑ corporate response (representing the views of a group or an organisation) or

☐ individual response (representing the views of an individual)

by Asia Pacific Customer Service Consortium
(name of person or organisation)

at _____ (telephone) and _____ (e-mail)

Part 2

Fuel Mix Options

FUEL MIX		IMPORT		NATURAL GAS	COAL (& RE)
		NUCLEAR (DBNPS)	GRID PURCHASE		
Existing (2012)		23%	-	22%	55%**
OPTION 1*	Importing more electricity through purchase from the Mainland power grid	20%	30%	40%	10%
		Total : 50%			
OPTION 2*	Using more natural gas for local generation	20%	-	60%	20%

* The above fuel mix ratios aim at providing a basis for planning the necessary infrastructure for electricity supply. Flexibility should apply to actual deployment of each fuel type, having regard to the circumstances happening on the ground.

** Inclusive of a small percentage of oil

Part 3

Specific Questions for Consultation

Q1: How do you view each of the two fuel mix options with regard to safety, reliability, cost, environmental performance and other relevant considerations? (Please indicate your view on **EACH** of the two options.)

Option	Support	Not Support	Reason for NOT supporting (You can tick more than one box)
1	☐	☑	☐ Safety ☑ Reliability ☐ Affordability ☑ Environmental performance ☑ Others (please specify): Engineer and IT positions be kept in HK
2	☑	☐	☐ Safety ☐ Reliability ☐ Affordability ☐ Environmental performance ☐ Others (please specify): _____

Q2: Which of the two fuel mix options do you prefer? Why? (Please tick ONLY ONE box)

- ☐ Option 1
- ☑ Option 2

Reasons: (You can tick more than one box below)

- ☐ Safety
- ☑ Reliability
- ☐ Affordability
- ☑ Environmental Performance
- ☑ Others — Please specify: Protect engineer & IT jobs in HK for core competence

Part 4

Other Comments and Suggestions

HK should develop center of excellence in engineering & IT, Innovation for sustainable development of HK. Outsourcing is not always the best solution.

5 22 B 00013

22nd May, 201

The Secretary for the Environment,
The Electricity Review Division,
Environment Bureau,
1st & 2nd Floor, East Wing,
Central, H.K.

Dear Sir,

Public Consultation on Future Fuel Mix for Electricity Generation

Regarding to your consultation, I prefer to the option two (2) based on the following reasons:-

(i) Safety — the existing electricity company has a good record of stable electricity supply to the clients.
Introducing a new model of supply may encounter electricity supply failure or suspension. The CLP cannot take a active part for the emergency maintenance. To recover the supply
To ensure constant ~~supply~~ of Electricity is an upkeep of safety standard particularly the supply to chospitals.

(ii) Cost — When the power station reserves a high stand-by production

to be cont'd...

ii) (Cont'd) power, it is reflecting the company failed to put full capacity of production, a waste of capital investment.

If the cost of production is the same. What is the reason behind to abandon its own productivity and depending other's supply?

iii) Implementation of Network - Hong Kong is a crowdy place and lacks of open space for construction work. The traffic condition of road and tunnels are busy. The building foundations, tub supply of water, gas and electricity are overwhelmingly occupied the underground. The construction work of the may-be provider will cause a big problem to our daily living.

Yours sincerely,

Y. C. [illegible]

Chairman of the [illegible]

Owners of Camellia [illegible]

523B00003

523B00003

Annex

Response Form
Public Consultation on Future Fuel Mix for Electricity Generation for Hong Kong

Please send this response form to us on or before **18 June 2014** by one of these means:

mail: Environment Bureau, Electricity Reviews Division, 15/F, East Wing, Central Government Offices, 2 Tim Mei Avenue, Tamar, Hong Kong

e-mail: fuel_mix@enb.gov.hk

fax: 2147 5834

Part 1 (See Notes)

This is a ☑ corporate response (representing the views of a group or an organisation) or ☐ individual response (representing the views of an individual)

by Secan Ltd
(name of person or organisation)

at _____ (telephone) and _____ (e-mail)

Part 2

Fuel Mix Options

FUEL MIX		IMPORT		NATURAL GAS	COAL (& RE)
		NUCLEAR (DBNPS)	GRID PURCHASE		
Existing (2012)		23%	-	22%	55%**
OPTION 1*	Importing more electricity through purchase from the Mainland power grid	20%	30%	40%	10%
		Total : 50%			
OPTION 2*	Using more natural gas for local generation	20%	-	60%	20%

* The above fuel mix ratios aim at providing a basis for planning the necessary infrastructure for electricity supply. Flexibility should apply to actual deployment of each fuel type, having regard to the circumstances happening on the ground.

** Inclusive of a small percentage of oil

Part 3

Specific Questions for Consultation

Q1: How do you view each of the two fuel mix options with regard to safety, reliability, cost, environmental performance and other relevant considerations? (Please indicate your view on **EACH** of the two options.)

Option	Support	Not Support	Reason for NOT supporting (You can tick more than one box)
1	☐	☑	☑ **Safety** ☑ **Reliability** ☑ **Affordability** ☑ **Environmental performance** ☐ **Others (please specify):** _____
2	☑	☐	☐ **Safety** ☐ **Reliability** ☐ **Affordability** ☐ **Environmental performance** ☐ **Others (please specify):** _____

Q2: Which of the two fuel mix options do you prefer? Why? (Please tick **ONLY ONE** box)

Option 1 ☐
Option 2 ☑

Reasons: (You can tick more than one box below)

Safety ☑
Reliability ☑
Affordability ☑
Environmental Performance ☑
Others ☐ **Please specify:** _____

Part 4

Other Comments and Suggestions

Even though China uses some renewable energy, their fuel mix is predominantly coal. Relying on this as an energy supply is not a preferred option. We choose option 2.

523B00004

Annex

Response Form
Public Consultation on Future Fuel Mix for Electricity Generation for Hong Kong

Please send this response form to us on or before **18 June 2014** by one of these means:

mail: Environment Bureau, Electricity Reviews Division, 15/F, East Wing, Central Government Offices, 2 Tim Mei Avenue, Tamar, Hong Kong

e-mail: fuel_mix@enb.gov.hk

fax: 2147 5834

Part 1 (See Notes)

This is a ☑ corporate response (representing the views of a group or an organisation) or ☐ individual response (representing the views of an individual)

by South Horizons Management Limited
(name of person or organisation)

at _____ (telephone) and _____ (e-mail)

Part 2

Fuel Mix Options

FUEL MIX		IMPORT		NATURAL GAS	COAL (& RE)
		NUCLEAR (DBNPS)	GRID PURCHASE		
Existing (2012)		23%	-	22%	55%**
OPTION 1*	Importing more electricity through purchase from the Mainland power grid	20%	30%	40%	10%
		Total: 50%			
OPTION 2*	Using more natural gas for local generation	20%	-	60%	20%

* The above fuel mix ratios aim at providing a basis for planning the necessary infrastructure for electricity supply. Flexibility should apply to actual deployment of each fuel type, having regard to the circumstances happening on the ground.

** Inclusive of a small percentage of oil

Part 3

Specific Questions for Consultation

Q1: How do you view each of the two fuel mix options with regard to safety, reliability, cost, environmental performance and other relevant considerations? (Please indicate your view on **EACH** of the two options.)

Option	Support	Not Support	Reason for NOT supporting (You can tick more than one box)
1	☐	☑	☑ **Safety** ☑ **Reliability** ☑ **Affordability** ☑ **Environmental performance** ☐ **Others (please specify):** _____
2	☑	☐	☐ **Safety** ☐ **Reliability** ☐ **Affordability** ☐ **Environmental performance** ☐ **Others (please specify):** _____

Q2: Which of the two fuel mix options do you prefer? Why? (Please tick **ONLY ONE** box)

Option 1 ☐
Option 2 ☑

Reasons: (You can tick more than one box below)

Safety ☑
Reliability ☑
Affordability ☑
Environmental Performance ☑
Others ☐ **Please specify:** _____

Part 4

Other Comments and Suggestions

Many of the services provided to our residents rely on a stable energy supply and at predictable prices. Option 1 is unclear on both of these factors so we prefer option 2.

523B00005

Annex

Response Form
Public Consultation on Future Fuel Mix for Electricity Generation for Hong Kong

Please send this response form to us on or before **18 June 2014** by one of these means:

mail: Environment Bureau, Electricity Reviews Division, 15/F, East Wing, Central Government Offices, 2 Tim Mei Avenue, Tamar, Hong Kong

e-mail: fuel_mix@enb.gov.hk

fax: 2147 5834

Part 1 (See Notes)

This is a
- [x] corporate response (representing the views of a group or an organisation) or
- [ ] individual response (representing the views of an individual)

by Shinta Ltd
(name of person or organisation)

at _____ and _____
(telephone) (e-mail)

Part 2

Fuel Mix Options

FUEL MIX		IMPORT		NATURAL GAS	COAL (& RE)
		NUCLEAR (DBNPS)	GRID PURCHASE		
Existing (2012)		23%	-	22%	55%**
OPTION 1*	Importing more electricity through purchase from the Mainland power grid	20%	30%	40%	10%
		Total : 50%			
OPTION 2*	Using more natural gas for local generation	20%	-	60%	20%

* The above fuel mix ratios aim at providing a basis for planning the necessary infrastructure for electricity supply. Flexibility should apply to actual deployment of each fuel type, having regard to the circumstances happening on the ground.

** Inclusive of a small percentage of oil

Part 3

Specific Questions for Consultation

Q1: How do you view each of the two fuel mix options with regard to safety, reliability, cost, environmental performance and other relevant considerations? (Please indicate your view on **EACH** of the two options.)

Option	Support	Not Support	Reason for NOT supporting (You can tick more than one box)
1	☐	☑	☑ **Safety** ☑ **Reliability** ☑ **Affordability** ☑ **Environmental performance** ☐ **Others (please specify):** _____
2	☑	☐	☐ **Safety** ☐ **Reliability** ☐ **Affordability** ☐ **Environmental performance** ☐ **Others (please specify):** _____

Q2: Which of the two fuel mix options do you prefer? Why? (Please tick **ONLY ONE** box)

Option 1 ☐
Option 2 ☑

Reasons: (You can tick more than one box below)

Safety ☑
Reliability ☑
Affordability ☑
Environmental Performance ☑
Others ☐ **Please specify:** _____

Part 4

Other Comments and Suggestions

Hong Kong's scale is much larger and diverse in comparison to Macau. The Macau example in the consultation paper is not a good comparison.

523B00006

Annex

Response Form
Public Consultation on Future Fuel Mix for Electricity Generation for Hong Kong

Please send this response form to us on or before **18 June 2014** by one of these means:

mail: Environment Bureau, Electricity Reviews Division, 15/F, East Wing, Central Government Offices, 2 Tim Mei Avenue, Tamar, Hong Kong

e-mail: fuel_mix@enb.gov.hk

fax: 2147 5834

Part 1 (See Notes)

This is a ☑ corporate response (representing the views of a group or an organisation) or ☐ individual response (representing the views of an individual)

by Turbo Top Ltd
(name of person or organisation)

at _____ (telephone) and _____ (e-mail)

Part 2

Fuel Mix Options

FUEL MIX		IMPORT		NATURAL GAS	COAL (& RE)
		NUCLEAR (DBNPS)	GRID PURCHASE		
Existing (2012)		23%	-	22%	55%**
OPTION 1*	Importing more electricity through purchase from the Mainland power grid	20%	30%	40%	10%
		Total : 50%			
OPTION 2*	Using more natural gas for local generation	20%	-	60%	20%

* The above fuel mix ratios aim at providing a basis for planning the necessary infrastructure for electricity supply. Flexibility should apply to actual deployment of each fuel type, having regard to the circumstances happening on the ground.

** Inclusive of a small percentage of oil

Part 3

Specific Questions for Consultation

Q1: How do you view each of the two fuel mix options with regard to safety, reliability, cost, environmental performance and other relevant considerations? (Please indicate your view on **EACH** of the two options.)

Option	Support	Not Support	Reason for NOT supporting (You can tick more than one box)
1	☐	☑	☑ **Safety** ☑ **Reliability** ☑ **Affordability** ☑ **Environmental performance** ☐ **Others (please specify):** _____
2	☑	☐	☐ **Safety** ☐ **Reliability** ☐ **Affordability** ☐ **Environmental performance** ☐ **Others (please specify):** _____

Q2: Which of the two fuel mix options do you prefer? Why? (Please tick **ONLY ONE** box)

Option 1 ☐

Option 2 ☑

Reasons: (You can tick more than one box below)

Safety ☑

Reliability ☑

Affordability ☑

Environmental Performance ☑

Others ☐ **Please specify:** _____

Part 4

Other Comments and Suggestions

Grid purchase will bring several price uncertainties: 1) CSG's price, 2) RMB's fluctuation 3) fuel price fluctuations, 4) regulation changes.

523B00007

523B00007

Annex

Response Form
Public Consultation on Future Fuel Mix for Electricity Generation for Hong Kong

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e-mail: fuel_mix@enb.gov.hk

fax: 2147 5834

Part 1 (See Notes)

This is a ☑ corporate response (representing the views of a group or an organisation) or ☐ individual response (representing the views of an individual)

by Hutchison Whampoa Properties (Management & Agency) Ltd
(name of person or organisation)

at _____ (telephone) and _____ (e-mail)

Part 2

Fuel Mix Options

FUEL MIX		IMPORT		NATURAL GAS	COAL (& RE)
		NUCLEAR (DBNPS)	GRID PURCHASE		
Existing (2012)		23%	-	22%	55%**
OPTION 1*	Importing more electricity through purchase from the Mainland power grid	20%	30%	40%	10%
		Total : 50%			
OPTION 2*	Using more natural gas for local generation	20%	-	60%	20%

* The above fuel mix ratios aim at providing a basis for planning the necessary infrastructure for electricity supply. Flexibility should apply to actual deployment of each fuel type, having regard to the circumstances happening on the ground.

** Inclusive of a small percentage of oil

Part 3

Specific Questions for Consultation

Q1: How do you view each of the two fuel mix options with regard to safety, reliability, cost, environmental performance and other relevant considerations? (Please indicate your view on **EACH** of the two options.)

Option	Support	Not Support	Reason for NOT supporting (You can tick more than one box)
1	☐	☑	☑ **Safety** ☑ **Reliability** ☑ **Affordability** ☑ **Environmental performance** ☐ **Others (please specify):** _____
2	☑	☐	☐ **Safety** ☐ **Reliability** ☐ **Affordability** ☐ **Environmental performance** ☐ **Others (please specify):** _____

Q2: Which of the two fuel mix options do you prefer? Why? (Please tick **ONLY ONE** box)

Option 1 ☐
Option 2 ☑

Reasons: (You can tick more than one box below)

Safety ☑
Reliability ☑
Affordability ☑
Environmental Performance ☑
Others ☐ **Please specify:** _____

Part 4

Other Comments and Suggestions

Many of our services require a consistent and reliable electricity supply. Option 1 has too many unknowns.

附件

回應表格
香港的未來發電燃料組合公眾諮詢

請於2014年6月18日或之前透過以下方式提交你的意見。

郵寄地址: 香港添馬添美道二號政府總部東翼十五樓環境局電力檢討科
電子郵件: fuel_mix@enb.gov.hk
傳真: 2147 5834

第一部分(見註)

這是 ☑ 團體回應 (代表個別團體或機構意見) 或
☐ 個人回應 (代表個人意見)

港九電業總會
(個人或機構名稱)

(電話) 及 (電郵)

第二部分

燃料組合

燃料組合		輸入: 核能 (大亞灣核電站)	輸入: 從電網購電	天然氣	煤 (及可再生能源)
現時 (2012)		23%	-	22%	55%**
方案1	透過從內地電網購電以輸入更多電力	20%	30%	40%	10%
		總共:50%			
方案2	利用更多天然氣作本地發電	20%	-	60%	20%

*以上的燃料比例用以提供一個基礎作規劃電力供應所需的基建。不同燃料的實際分配應按實際情況釐定。

**包括少量燃油。

第三部分

具體諮詢問題

問1: 就安全、可靠性、合理價格、環保表現及其他相關的考慮而言，你對兩個燃料組合方案有何意見? (請就**每個**方案說明你的看法)

方案	支持	不支持	不支持方案的原因 (可選擇多過一項)
1	☐	☑	☑ **安全** ☑ **可靠性** ☑ **合理價格** ☑ **環保表現** ☐ **其他（請註明）:** _____
2	☐	☑	☐ **安全** ☐ **可靠性** ☑ **合理價格** ☐ **環保表現** ☐ **其他（請註明）:** _____

問2: 你認為在兩個燃料組合方案中，哪一個較理想？為什麼？(請只選擇**一個**)

方案1 ☐
方案2 ☐

原因: (可選擇多過一項)

安全 ☐
可靠性 ☐
合理價格 ☐
環保表現 ☐
其他 ☐ **請註明:** 兩個方案均不理想，

第四部分

其他意見或建議

兩個方案均不理想，

523B00015

附件

回應表格
香港的未來發電燃料組合公眾諮詢

請於2014年6月18日或之前透過以下方式提交你的意見：
郵寄地址： 香港添馬添美道二號政府總部東翼十五樓環境局電力檢討科
電子郵件： fuel_mix@enb.gov.hk
傳真： 2147 5834

第一部分(見註)

這是 ☑ 團體回應 (代表個別團體或機構意見) 或
☐ 個人回應 (代表個人意見)

天主教南華中學
(個人或機構名稱)

(電話) 及 (電郵)

第二部分
燃料組合

燃料組合		輸入		天然氣	煤 (及可再生能源)
		核能 (大亞灣核電站)	從電網購電		
現時 (2012)		23%	-	22%	55%**
方案1*	通過從內地電網購電以輸入更多電力	20%	30%	40%	10%
		總共：50%			
方案2*	利用更多天然氣作本地發電	20%	-	60%	20%

*以上的燃料比例用以提供一個高碳作成發電力供應所需的基礎，不同燃料的實際分配應按實際情況釐定。
**包括少量燃油。

第三部分

具體諮詢問題

問1: 就安全、可靠性、合理價格、環保表現及其他相關的考慮而言，你對兩個燃料組合方案有何意見? (請就**每個**方案説明你的看法)

方案	支持	不支持	不支持方案的原因 (可選擇多過一項)
1	☑	☐	☐ 安全 ☐ 可靠性 ☐ 合理價格 ☐ 環保表現 ☐ 其他 (請註明):
2	☐	☑	☐ 安全 ☐ 可靠性 ☐ 合理價格 ☑ 環保表現 ☑ 其他 (請註明): 供電設施使用率不足，對可持續能源發展乏力

問2: 你認為在兩個燃料組合方案中，哪一個較理想？為什麼？(請只選擇一個)

方案1 ☑
方案2 ☐

原因: (可選擇多過一項)

安全 ☐
可靠性 ☐
合理價格 ☐
環保表現 ☑
其他 ☑ 請註明: 供電設施使用率不足，對可持續能源發展乏力

第四部分

其他意見或建議

政府可監管兩电对大使用量商户的优惠，以落实用者自付原則外，更可以經濟誘因促商户減少用电，從源頭做好节能工作

526B00001

526B00001

Annex

Response Form
Public Consultation on Future Fuel Mix for Electricity Generation for Hong Kong

Please send this response form to us on or before **18 June 2014** by one of these means:

mail: Environment Bureau, Electricity Reviews Division, 15/F, East Wing, Central Government Offices, 2 Tim Mei Avenue, Tamar, Hong Kong

e-mail: fuel_mix@enb.gov.hk

fax: 2147 5834

Part 1 (See Notes)

This is a ☑ corporate response (representing the views of a group or an organisation) or ☐ individual response (representing the views of an individual)

by Cheung Kong Real Estate Ltd
(name of person or organisation)

at _____ (telephone) and _____ (e-mail)

Part 2

Fuel Mix Options

FUEL MIX		IMPORT		NATURAL GAS	COAL (& RE)
		NUCLEAR (DBNPS)	GRID PURCHASE		
Existing (2012)		23%	-	22%	55%**
OPTION 1*	Importing more electricity through purchase from the Mainland power grid	20%	30%	40%	10%
		Total : 50%			
OPTION 2*	Using more natural gas for local generation	20%	-	60%	20%

* The above fuel mix ratios aim at providing a basis for planning the necessary infrastructure for electricity supply. Flexibility should apply to actual deployment of each fuel type, having regard to the circumstances happening on the ground.

** Inclusive of a small percentage of oil

526 B0000

Part 3

Specific Questions for Consultation

Q1: How do you view each of the two fuel mix options with regard to safety, reliability, cost, environmental performance and other relevant considerations? (Please indicate your view on **EACH** of the two options.)

Option	Support	Not Support	Reason for NOT supporting (You can tick more than one box)
1	☐	☑	☑ **Safety** ☑ **Reliability** ☑ **Affordability** ☑ **Environmental performance** ☐ **Others (please specify):** _____
2	☑	☐	☐ **Safety** ☐ **Reliability** ☐ **Affordability** ☐ **Environmental performance** ☐ **Others (please specify):** _____

Q2: Which of the two fuel mix options do you prefer? Why? (Please tick **ONLY ONE** box)

Option 1 ☐
Option 2 ☑

Reasons: (You can tick more than one box below)

Safety ☑
Reliability ☑
Affordability ☑
Environmental Performance ☑
Others ☐ **Please specify:** _____

Part 4

Other Comments and Suggestions

Estate agents are dependent on a reliable energy source.

526B00002

526B00002

Annex

Response Form
Public Consultation on Future Fuel Mix for Electricity Generation for Hong Kong

Please send this response form to us on or before **18 June 2014** by one of these means:

mail: Environment Bureau, Electricity Reviews Division, 15/F, East Wing, Central Government Offices, 2 Tim Mei Avenue, Tamar, Hong Kong

e-mail: fuel_mix@enb.gov.hk

fax: 2147 5834

Part 1 (See Notes)

This is a ☑ corporate response (representing the views of a group or an organisation) or ☐ individual response (representing the views of an individual)

by Towerich Ltd
(name of person or organisation)

at _____ (telephone) and _____ (e-mail)

Part 2

Fuel Mix Options

FUEL MIX		IMPORT		NATURAL GAS	COAL (& RE)
		NUCLEAR (DBNPS)	GRID PURCHASE		
Existing (2012)		23%	-	22%	55%**
OPTION 1*	Importing more electricity through purchase from the Mainland power grid	20%	30%	40%	10%
		Total : 50%			
OPTION 2*	Using more natural gas for local generation	20%	-	60%	20%

* The above fuel mix ratios aim at providing a basis for planning the necessary infrastructure for electricity supply. Flexibility should apply to actual deployment of each fuel type, having regard to the circumstances happening on the ground.

** Inclusive of a small percentage of oil

526B0000

Part 3

Specific Questions for Consultation

Q1: How do you view each of the two fuel mix options with regard to safety, reliability, cost, environmental performance and other relevant considerations? (Please indicate your view on **EACH** of the two options.)

Option	Support	Not Support	Reason for NOT supporting (You can tick more than one box)
1	☐	☑	☑ **Safety** ☑ **Reliability** ☑ **Affordability** ☑ **Environmental performance** ☐ **Others (please specify):** _____
2	☑	☐	☐ **Safety** ☐ **Reliability** ☐ **Affordability** ☐ **Environmental performance** ☐ **Others (please specify):** _____

Q2: Which of the two fuel mix options do you prefer? Why? (Please tick **ONLY ONE** box)

Option 1 ☐

Option 2 ☑

Reasons: (You can tick more than one box below)

Safety ☑

Reliability ☑

Affordability ☑

Environmental Performance ☑

Others ☐ **Please specify:** _____

Part 4

Other Comments and Suggestions

Option 2 is the best long-term solution for HK.

526B00003

526B00003

Annex

Response Form
Public Consultation on Future Fuel Mix for Electricity Generation for Hong Kong

Please send this response form to us on or before **18 June 2014** by one of these means:

mail: Environment Bureau, Electricity Reviews Division, 15/F, East Wing, Central Government Offices, 2 Tim Mei Avenue, Tamar, Hong Kong

e-mail: fuel_mix@enb.gov.hk

fax: 2147 5834

Part 1 (See Notes)

This is a
- [x] corporate response (representing the views of a group or an organisation) or
- [ ] individual response (representing the views of an individual)

by Perfect Idea Ltd
(name of person or organisation)

at _____ (telephone) and _____ (e-mail)

Part 2

Fuel Mix Options

FUEL MIX		IMPORT		NATURAL GAS	COAL (& RE)
		NUCLEAR (DBNPS)	GRID PURCHASE		
Existing (2012)		23%	-	22%	55%**
OPTION 1*	Importing more electricity through purchase from the Mainland power grid	20%	30%	40%	10%
		Total : 50%			
OPTION 2*	Using more natural gas for local generation	20%	-	60%	20%

* The above fuel mix ratios aim at providing a basis for planning the necessary infrastructure for electricity supply. Flexibility should apply to actual deployment of each fuel type, having regard to the circumstances happening on the ground.

** Inclusive of a small percentage of oil

526 B0000

Part 3

Specific Questions for Consultation

Q1: How do you view each of the two fuel mix options with regard to safety, reliability, cost, environmental performance and other relevant considerations? (Please indicate your view on **EACH** of the two options.)

Option	Support	Not Support	Reason for NOT supporting (You can tick more than one box)
1	☐	☑	☑ **Safety** ☑ **Reliability** ☑ **Affordability** ☑ **Environmental performance** ☐ **Others (please specify):** _____
2	☑	☐	☐ **Safety** ☐ **Reliability** ☐ **Affordability** ☐ **Environmental performance** ☐ **Others (please specify):** _____

Q2: Which of the two fuel mix options do you prefer? Why? (Please tick **ONLY ONE** box)

Option 1 ☐

Option 2 ☑

Reasons: (You can tick more than one box below)

Safety ☑

Reliability ☑

Affordability ☑

Environmental Performance ☑

Others ☐ **Please specify:** _____

Part 4

Other Comments and Suggestions

Option 2 is a good method to improve air quality.

526B00004

526B0000

Annex

Response Form
Public Consultation on Future Fuel Mix for Electricity Generation for Hong Kong

Please send this response form to us on or before **18 June 2014** by one of these means:

mail: Environment Bureau, Electricity Reviews Division, 15/F, East Wing, Central Government Offices, 2 Tim Mei Avenue, Tamar, Hong Kong

e-mail: fuel_mix@enb.gov.hk

fax: 2147 5834

Part 1 (See Notes)

This is a ☑ corporate response (representing the views of a group or an organisation) or ☐ individual response (representing the views of an individual)

by A S Watson Water Ltd
(name of person or organisation)

at _____ (telephone) and _____ (e-mail)

Part 2

Fuel Mix Options

FUEL MIX		IMPORT		NATURAL GAS	COAL (& RE)
		NUCLEAR (DBNPS)	GRID PURCHASE		
Existing (2012)		23%	-	22%	55%**
OPTION 1*	Importing more electricity through purchase from the Mainland power grid	20%	30%	40%	10%
		Total : 50%			
OPTION 2*	Using more natural gas for local generation	20%	-	60%	20%

* The above fuel mix ratios aim at providing a basis for planning the necessary infrastructure for electricity supply. Flexibility should apply to actual deployment of each fuel type, having regard to the circumstances happening on the ground.

** Inclusive of a small percentage of oil

Part 3

Specific Questions for Consultation

Q1: How do you view each of the two fuel mix options with regard to safety, reliability, cost, environmental performance and other relevant considerations? (Please indicate your view on **EACH** of the two options.)

Option	Support	Not Support	Reason for NOT supporting (You can tick more than one box)
1	☐	☑	☑ **Safety** ☑ **Reliability** ☑ **Affordability** ☑ **Environmental performance** ☐ **Others (please specify):** _____
2	☑	☐	☐ **Safety** ☐ **Reliability** ☐ **Affordability** ☐ **Environmental performance** ☐ **Others (please specify):** _____

Q2: Which of the two fuel mix options do you prefer? Why? (Please tick **ONLY ONE** box)

Option 1 ☐
Option 2 ☑

Reasons: (You can tick more than one box below)

Safety ☑
Reliability ☑
Affordability ☑
Environmental Performance ☑
Others ☐ **Please specify:** _____

Part 4

Other Comments and Suggestions

A reliable energy supply is crucial to our production facilities. Interruptions create chaos on the supply lines and increases the cost of business which in turn leads to higher cost for our customers.

526B00005

526B00005

Annex

Response Form
Public Consultation on Future Fuel Mix for Electricity Generation for Hong Kong

Please send this response form to us on or before **18 June 2014** by one of these means:

mail: Environment Bureau, Electricity Reviews Division, 15/F, East Wing, Central Government Offices, 2 Tim Mei Avenue, Tamar, Hong Kong

e-mail: fuel_mix@enb.gov.hk

fax: 2147 5834

Part 1 (See Notes)

This is a
- [x] corporate response (representing the views of a group or an organisation) or
- [ ] individual response (representing the views of an individual)

by Park'N Shop Ltd
(name of person or organisation)

at _____ (telephone) and _____ (e-mail)

Part 2

Fuel Mix Options

FUEL MIX		IMPORT		NATURAL GAS	COAL (& RE)
		NUCLEAR (DBNPS)	GRID PURCHASE		
Existing (2012)		23%	-	22%	55%**
OPTION 1*	Importing more electricity through purchase from the Mainland power grid	20%	30%	40%	10%
		Total : 50%			
OPTION 2*	Using more natural gas for local generation	20%	-	60%	20%

* The above fuel mix ratios aim at providing a basis for planning the necessary infrastructure for electricity supply. Flexibility should apply to actual deployment of each fuel type, having regard to the circumstances happening on the ground.

** Inclusive of a small percentage of oil

Part 3

Specific Questions for Consultation

Q1: How do you view each of the two fuel mix options with regard to safety, reliability, cost, environmental performance and other relevant considerations? (Please indicate your view on **EACH** of the two options.)

Option	Support	Not Support	Reason for NOT supporting (You can tick more than one box)
1	☐	☑	☑ **Safety** ☑ **Reliability** ☑ **Affordability** ☑ **Environmental performance** ☐ **Others (please specify):** _____
2	☑	☐	☐ **Safety** ☐ **Reliability** ☐ **Affordability** ☐ **Environmental performance** ☐ **Others (please specify):** _____

Q2: Which of the two fuel mix options do you prefer? Why? (Please tick **ONLY ONE** box)

Option 1 ☐
Option 2 ☑

Reasons: (You can tick more than one box below)

Safety ☑
Reliability ☑
Affordability ☑
Environmental Performance ☑
Others ☐ **Please specify:** _____

Part 4

Other Comments and Suggestions

Food safety and the safety of our customers is of utmost importance which is why we prefer Option 2.

526B00006

526B00006

Annex

Response Form
Public Consultation on Future Fuel Mix for Electricity Generation for Hong Kong

Please send this response form to us on or before **18 June 2014** by one of these means:

mail: Environment Bureau, Electricity Reviews Division, 15/F, East Wing, Central Government Offices, 2 Tim Mei Avenue, Tamar, Hong Kong

e-mail: fuel_mix@enb.gov.hk

fax: 2147 5834

Part 1 (See Notes)

This is a ☑ corporate response (representing the views of a group or an organisation) or ☐ individual response (representing the views of an individual)

by Watson's The Chemist Ltd
(name of person or organisation)

at _____ (telephone) and _____ (e-mail)

Part 2

Fuel Mix Options

FUEL MIX		IMPORT		NATURAL GAS	COAL (& RE)
		NUCLEAR (DBNPS)	GRID PURCHASE		
Existing (2012)		23%	-	22%	55%**
OPTION 1*	Importing more electricity through purchase from the Mainland power grid	20%	30%	40%	10%
		Total : 50%			
OPTION 2*	Using more natural gas for local generation	20%	-	60%	20%

* The above fuel mix ratios aim at providing a basis for planning the necessary infrastructure for electricity supply. Flexibility should apply to actual deployment of each fuel type, having regard to the circumstances happening on the ground.

** Inclusive of a small percentage of oil

Part 3

Specific Questions for Consultation

Q1: How do you view each of the two fuel mix options with regard to safety, reliability, cost, environmental performance and other relevant considerations? (Please indicate your view on **EACH** of the two options.)

Option	Support	Not Support	Reason for NOT supporting (You can tick more than one box)
1	☐	☑	☑ **Safety** ☑ **Reliability** ☑ **Affordability** ☑ **Environmental performance** ☐ **Others (please specify):** _____
2	☑	☐	☐ **Safety** ☐ **Reliability** ☐ **Affordability** ☐ **Environmental performance** ☐ **Others (please specify):** _____

Q2: Which of the two fuel mix options do you prefer? Why? (Please tick **ONLY ONE** box)

Option 1 ☐
Option 2 ☑

Reasons: (You can tick more than one box below)

Safety ☑
Reliability ☑
Affordability ☑
Environmental Performance ☑
Others ☐ **Please specify:** _____

Part 4

Other Comments and Suggestions

Mainland China does not have enough energy supply as it is. It is better for HK to look for its own solution to its energy needs.

526B00007

526B00006

Annex

Response Form
Public Consultation on Future Fuel Mix for Electricity Generation for Hong Kong

Please send this response form to us on or before **18 June 2014** by one of these means:

mail: Environment Bureau, Electricity Reviews Division, 15/F, East Wing, Central Government Offices, 2 Tim Mei Avenue, Tamar, Hong Kong

e-mail: fuel_mix@enb.gov.hk

fax: 2147 5834

Part 1 (See Notes)

This is a
- [x] corporate response (representing the views of a group or an organisation) or
- [ ] individual response (representing the views of an individual)

by A S Watson & Co Ltd
(name of person or organisation)

at _____ (telephone) and _____ (e-mail)

Part 2

Fuel Mix Options

FUEL MIX		IMPORT		NATURAL GAS	COAL (& RE)
		NUCLEAR (DBNPS)	GRID PURCHASE		
Existing (2012)		23%	-	22%	55%**
OPTION 1*	Importing more electricity through purchase from the Mainland power grid	20%	30%	40%	10%
		Total : 50%			
OPTION 2*	Using more natural gas for local generation	20%	-	60%	20%

* The above fuel mix ratios aim at providing a basis for planning the necessary infrastructure for electricity supply. Flexibility should apply to actual deployment of each fuel type, having regard to the circumstances happening on the ground.

** Inclusive of a small percentage of oil

Part 3

Specific Questions for Consultation

Q1: How do you view each of the two fuel mix options with regard to safety, reliability, cost, environmental performance and other relevant considerations? (Please indicate your view on **EACH** of the two options.)

Option	Support	Not Support	Reason for NOT supporting (You can tick more than one box)
1	☐	☑	☑ **Safety** ☑ **Reliability** ☑ **Affordability** ☑ **Environmental performance** ☐ **Others (please specify):** _____
2	☑	☐	☐ **Safety** ☐ **Reliability** ☐ **Affordability** ☐ **Environmental performance** ☐ **Others (please specify):** _____

Q2: Which of the two fuel mix options do you prefer? Why? (Please tick **ONLY ONE** box)

Option 1 ☐

Option 2 ☑

Reasons: (You can tick more than one box below)

Safety ☑

Reliability ☑

Affordability ☑

Environmental Performance ☑

Others ☐ **Please specify:** _____

Part 4

Other Comments and Suggestions

A big part of the retail business relies on an uninterrupted power supply.

526B00008

526B00008

Annex

Response Form
Public Consultation on Future Fuel Mix for Electricity Generation in Hong Kong

Please send this response form to us on or before **18 June 2014** by one of these means:

mail: Environment Bureau, Electricity Reviews Division, 15/F, East Wing, Central Government Offices, 2 Tim Mei Avenue, Tamar, Hong Kong

e-mail: fuel_mix@enb.gov.hk

fax: 2147 5834

Part 1 (See Notes)

This is a ☑ corporate response (representing the views of a group or an organisation) or ☐ individual response (representing the views of an individual)

by Fortress
(name of person or organisation)

at _____ (telephone) and _____ (e-mail)

Part 2

Fuel Mix Options

FUEL MIX		IMPORT		NATURAL GAS	COAL (& RE)
		NUCLEAR (DBNPS)	GRID PURCHASE		
Existing (2012)		23%	-	22%	55%**
OPTION 1*	Importing more electricity through purchase from the Mainland power grid	20%	30%	40%	10%
		Total : 50%			
OPTION 2*	Using more natural gas for local generation	20%	-	60%	20%

* The above fuel mix ratios aim at providing a basis for planning the necessary infrastructure for electricity supply. Flexibility should apply to actual deployment of each fuel type, having regard to the circumstances happening on the ground.

** Inclusive of a small percentage of oil

Part 3

Specific Questions for Consultation

Q1: How do you view each of the two fuel mix options with regard to safety, reliability, cost, environmental performance and other relevant considerations? (Please indicate your view on **EACH** of the two options.)

Option	Support	Not Support	Reason for NOT supporting (You can tick more than one box)
1	☐	☑	☑ **Safety** ☑ **Reliability** ☑ **Affordability** ☑ **Environmental performance** ☐ **Others (please specify):** _____
2	☑	☐	☐ **Safety** ☐ **Reliability** ☐ **Affordability** ☐ **Environmental performance** ☐ **Others (please specify):** _____

Q2: Which of the two fuel mix options do you prefer? Why? (Please tick **ONLY ONE** box)

Option 1 ☐
Option 2 ☑

Reasons: (You can tick more than one box below)

Safety ☑
Reliability ☑
Affordability ☑
Environmental Performance ☑
Others ☐ **Please specify:** _____

Part 4

Other Comments and Suggestions

Blackouts may sometimes cause short-circuits which is a problem for an electronics business.

526B00009

526B00009

Annex

Public Consultation on Future Fuel Mix for Electricity Generation for Hong Kong

Response Form

Please send this response form to us on or before **18 June 2014** by one of these means:

mail: Environment Bureau, Electricity Reviews Division, 15/F, East Wing, Central Government Offices, 2 Tim Mei Avenue, Tamar, Hong Kong

e-mail: fuel_mix@enb.gov.hk

fax: 2147 5834

Part 1 (See Notes)

This is a

☑ corporate response (representing the views of a group or an organisation) or

☐ individual response (representing the views of an individual)

by Citrus Growers International Ltd
(name of person or organisation)

at _____ (telephone) and _____ (e-mail)

Part 2

Fuel Mix Options

FUEL MIX		IMPORT		NATURAL GAS	COAL (& RE)
		NUCLEAR (DBNPS)	GRID PURCHASE		
Existing (2012)		23%	-	22%	55%**
OPTION 1*	Importing more electricity through purchase from the Mainland power grid	20%	30%	40%	10%
		Total : 50%			
OPTION 2*	Using more natural gas for local generation	20%	-	60%	20%

* The above fuel mix ratios aim at providing a basis for planning the necessary infrastructure for electricity supply. Flexibility should apply to actual deployment of each fuel type, having regard to the circumstances happening on the ground.

** Inclusive of a small percentage of oil

Part 3

Specific Questions for Consultation

Q1: How do you view each of the two fuel mix options with regard to safety, reliability, cost, environmental performance and other relevant considerations? (Please indicate your view on **EACH** of the two options.)

Option	Support	Not Support	Reason for NOT supporting (You can tick more than one box)
1	☐	☑	☑ **Safety** ☑ **Reliability** ☑ **Affordability** ☑ **Environmental performance** ☐ **Others (please specify):** _____
2	☑	☐	☐ **Safety** ☐ **Reliability** ☐ **Affordability** ☐ **Environmental performance** ☐ **Others (please specify):** _____

Q2: Which of the two fuel mix options do you prefer? Why? (Please tick **ONLY ONE** box)

Option 1 ☐
Option 2 ☑

Reasons: (You can tick more than one box below)

Safety ☑
Reliability ☑
Affordability ☑
Environmental Performance ☑
Others ☐ **Please specify:** _____

Part 4

Other Comments and Suggestions

Our business requires refrigeration units and a safe, reliable energy supply is crucial to our business.

526B00010

526B00010

Annex

Response Form
Public Consultation on Future Fuel Mix for Electricity Generation for Hong Kong

Please send this response form to us on or before **18 June 2014** by one of these means:

mail: Environment Bureau, Electricity Reviews Division, 15/F, East Wing, Central Government Offices, 2 Tim Mei Avenue, Tamar, Hong Kong

e-mail: fuel_mix@enb.gov.hk

fax: 2147 5834

Part 1 (See Notes)

This is a
- [x] corporate response (representing the views of a group or an organisation) or
- [ ] individual response (representing the views of an individual)

by Clayton Power Enterprises Ltd
(name of person or organisation)

at _____ (telephone) and _____ (e-mail)

Part 2

Fuel Mix Options

FUEL MIX		IMPORT		NATURAL GAS	COAL (& RE)
		NUCLEAR (DBNPS)	GRID PURCHASE		
Existing (2012)		23%	-	22%	55%**
OPTION 1*	**Importing more electricity through purchase from the Mainland power grid**	**20%**	**30%**	**40%**	**10%**
		Total : 50%			
OPTION 2*	**Using more natural gas for local generation**	**20%**	-	**60%**	**20%**

* The above fuel mix ratios aim at providing a basis for planning the necessary infrastructure for electricity supply. Flexibility should apply to actual deployment of each fuel type, having regard to the circumstances happening on the ground.

** Inclusive of a small percentage of oil

526B000

Part 3

Specific Questions for Consultation

Q1: How do you view each of the two fuel mix options with regard to safety, reliability, cost, environmental performance and other relevant considerations? (Please indicate your view on **EACH** of the two options.)

Option	Support	Not Support	Reason for NOT supporting (You can tick more than one box)
1	☐	☑	☑ **Safety** ☑ **Reliability** ☑ **Affordability** ☑ **Environmental performance** ☐ **Others (please specify):** _____
2	☑	☐	☐ **Safety** ☐ **Reliability** ☐ **Affordability** ☐ **Environmental performance** ☐ **Others (please specify):** _____

Q2: Which of the two fuel mix options do you prefer? Why? (Please tick **ONLY ONE** box)

Option 1 ☐
Option 2 ☑

Reasons: (You can tick more than one box below)

Safety ☑
Reliability ☑
Affordability ☑
Environmental Performance ☑
Others ☐ **Please specify:** _____

Part 4

Other Comments and Suggestions

Hong Kong will not have bargaining power once it is reliant on imported power.

526B00011

Annex

Response Form
Public Consultation on Future Fuel Mix for Electricity Generation for Hong Kong

Please send this response form to us on or before **18 June 2014** by one of these means:

mail: Environment Bureau, Electricity Reviews Division, 15/F, East Wing, Central Government Offices, 2 Tim Mei Avenue, Tamar, Hong Kong

e-mail: fuel_mix@enb.gov.hk

fax: 2147 5834

Part 1 (See Notes)

This is a ☑ corporate response (representing the views of a group or an organisation) or ☐ individual response (representing the views of an individual)

by A S Watson Industries Ltd
(name of person or organisation)

at _____ (telephone) and _____ (e-mail)

Part 2

Fuel Mix Options

FUEL MIX		IMPORT		NATURAL GAS	COAL (& RE)
		NUCLEAR (DBNPS)	GRID PURCHASE		
Existing (2012)		23%	-	22%	55%**
OPTION 1*	Importing more electricity through purchase from the Mainland power grid	20%	30%	40%	10%
		Total : 50%			
OPTION 2*	Using more natural gas for local generation	20%	-	60%	20%

* The above fuel mix ratios aim at providing a basis for planning the necessary infrastructure for electricity supply. Flexibility should apply to actual deployment of each fuel type, having regard to the circumstances happening on the ground.

** Inclusive of a small percentage of oil

Part 3

Specific Questions for Consultation

Q1: How do you view each of the two fuel mix options with regard to safety, reliability, cost, environmental performance and other relevant considerations? (Please indicate your view on **EACH** of the two options.)

Option	Support	Not Support	Reason for NOT supporting (You can tick more than one box)
1	☐	☑	☑ **Safety** ☑ **Reliability** ☑ **Affordability** ☑ **Environmental performance** ☐ **Others (please specify):** _____
2	☑	☐	☐ **Safety** ☐ **Reliability** ☐ **Affordability** ☐ **Environmental performance** ☐ **Others (please specify):** _____

Q2: Which of the two fuel mix options do you prefer? Why? (Please tick **ONLY ONE** box)

Option 1 ☐
Option 2 ☑

Reasons: (You can tick more than one box below)

Safety ☑
Reliability ☑
Affordability ☑
Environmental Performance ☑
Others ☐ **Please specify:** _____

Part 4

Other Comments and Suggestions

The current power supply model has been proven to be safe, reliable and inexpensive in Hong Kong. A change in system may not bring additional benefits.

526B00012

526B00012

Annex

Response Form
Public Consultation on Future Fuel Mix for Electricity Generation for Hong Kong

Please send this response form to us on or before **18 June 2014** by one of these means:

mail: Environment Bureau, Electricity Reviews Division, 15/F, East Wing, Central Government Offices, 2 Tim Mei Avenue, Tamar, Hong Kong

e-mail: fuel_mix@enb.gov.hk

fax: 2147 5834

Part 1 (See Notes)

This is a ☑ corporate response (representing the views of a group or an organisation) or ☐ individual response (representing the views of an individual)

by Nuance-Watson (HK) Ltd
(name of person or organisation)

at _____ (telephone) and _____ (e-mail)

Part 2

Fuel Mix Options

FUEL MIX		IMPORT		NATURAL GAS	COAL (& RE)
		NUCLEAR (DBNPS)	GRID PURCHASE		
Existing (2012)		23%	-	22%	55%**
OPTION 1*	Importing more electricity through purchase from the Mainland power grid	20%	30%	40%	10%
		Total : 50%			
OPTION 2*	Using more natural gas for local generation	20%	-	60%	20%

* The above fuel mix ratios aim at providing a basis for planning the necessary infrastructure for electricity supply. Flexibility should apply to actual deployment of each fuel type, having regard to the circumstances happening on the ground.

** Inclusive of a small percentage of oil

Part 3

Specific Questions for Consultation

Q1: How do you view each of the two fuel mix options with regard to safety, reliability, cost, environmental performance and other relevant considerations? (Please indicate your view on **EACH** of the two options.)

Option	Support	Not Support	Reason for NOT supporting (You can tick more than one box)
1	☐	☑	☑ **Safety** ☑ **Reliability** ☑ **Affordability** ☑ **Environmental performance** ☐ **Others (please specify):** _____
2	☑	☐	☐ **Safety** ☐ **Reliability** ☐ **Affordability** ☐ **Environmental performance** ☐ **Others (please specify):** _____

Q2: Which of the two fuel mix options do you prefer? Why? (Please tick **ONLY ONE** box)

Option 1 ☐
Option 2 ☑

Reasons: (You can tick more than one box below)

Safety ☑
Reliability ☑
Affordability ☑
Environmental Performance ☑
Others ☐ **Please specify:** _____

Part 4

Other Comments and Suggestions

To make Hong Kong a premier tourist destination, we have to balance environmental concerns, costs and reliability. Option 2 is the better option among the two.

526B00013

Annex

Response Form
Public Consultation on Future Fuel Mix for Electricity Generation for Hong Kong

Please send this response form to us on or before **18 June 2014** by one of these means:

mail: Environment Bureau, Electricity Reviews Division, 15/F, East Wing, Central Government Offices, 2 Tim Mei Avenue, Tamar, Hong Kong

e-mail: fuel_mix@enb.gov.hk

fax: 2147 5834

Part 1 (See Notes)

This is a
- ☑ corporate response (representing the views of a group or an organisation) or
- ☐ individual response (representing the views of an individual)

by King's Road Development Company Ltd
(name of person or organisation)

at _____ (telephone) and _____ (e-mail)

Part 2

Fuel Mix Options

FUEL MIX		IMPORT		NATURAL GAS	COAL (& RE)
		NUCLEAR (DBNPS)	GRID PURCHASE		
Existing (2012)		23%	-	22%	55%**
OPTION 1*	**Importing more electricity through purchase from the Mainland power grid**	**20%**	**30%**	**40%**	**10%**
		Total : 50%			
OPTION 2*	**Using more natural gas for local generation**	**20%**	**-**	**60%**	**20%**

* The above fuel mix ratios aim at providing a basis for planning the necessary infrastructure for electricity supply. Flexibility should apply to actual deployment of each fuel type, having regard to the circumstances happening on the ground.

** Inclusive of a small percentage of oil

526B0001

Part 3

Specific Questions for Consultation

Q1: How do you view each of the two fuel mix options with regard to safety, reliability, cost, environmental performance and other relevant considerations? (Please indicate your view on **EACH** of the two options.)

Option	Support	Not Support	Reason for NOT supporting (You can tick more than one box)
1	☐	☑	☑ **Safety** ☑ **Reliability** ☑ **Affordability** ☑ **Environmental performance** ☐ **Others (please specify):** _____
2	☑	☐	☐ **Safety** ☐ **Reliability** ☐ **Affordability** ☐ **Environmental performance** ☐ **Others (please specify):** _____

Q2: Which of the two fuel mix options do you prefer? Why? (Please tick **ONLY ONE** box)

Option 1 ☐
Option 2 ☑

Reasons: (You can tick more than one box below)

Safety ☑
Reliability ☑
Affordability ☑
Environmental Performance ☑
Others ☐ **Please specify:** _____

Part 4

Other Comments and Suggestions

Development industry requires reliable power supply.

526B00035

526B00035

Annex

Response Form
Public Consultation on Future Fuel Mix for Electricity Generation for Hong Kong

Please send this response form to us on or before **18 June 2014** by one of these means:

mail: Environment Bureau, Electricity Reviews Division, 15/F, East Wing, Central Government Offices, 2 Tim Mei Avenue, Tamar, Hong Kong

e-mail: fuel_mix@enb.gov.hk

fax: 2147 5834

Part 1 (See Notes)

This is a ☑ corporate response (representing the views of a group or an organisation) or ☐ individual response (representing the views of an individual)

by Grand Hover International Development
(name of person or organisation)

at _____ (telephone) and _____ (e-mail)

Part 2

Fuel Mix Options

FUEL MIX		IMPORT		NATURAL GAS	COAL (& RE)
		NUCLEAR (DBNPS)	GRID PURCHASE		
Existing (2012)		23%	-	22%	55%**
OPTION 1*	Importing more electricity through purchase from the Mainland power grid	20%	30%	40%	10%
		Total : 50%			
OPTION 2*	Using more natural gas for local generation	20%	-	60%	20%

* The above fuel mix ratios aim at providing a basis for planning the necessary infrastructure for electricity supply. Flexibility should apply to actual deployment of each fuel type, having regard to the circumstances happening on the ground.

** Inclusive of a small percentage of oil

Part 3

Specific Questions for Consultation

Q1: How do you view each of the two fuel mix options with regard to safety, reliability, cost, environmental performance and other relevant considerations? (Please indicate your view on **EACH** of the two options.)

Option	Support	Not Support	Reason for NOT supporting (You can tick more than one box)
1	☐	☑	☑ **Safety** ☑ **Reliability** ☑ **Affordability** ☑ **Environmental performance** ☐ **Others (please specify):** _____
2	☑	☐	☐ **Safety** ☐ **Reliability** ☐ **Affordability** ☐ **Environmental performance** ☐ **Others (please specify):** _____

Q2: Which of the two fuel mix options do you prefer? Why? (Please tick **ONLY ONE** box)

Option 1 ☐

Option 2 ☑

Reasons: (You can tick more than one box below)

Safety ☑

Reliability ☑

Affordability ☑

Environmental Performance ☑

Others ☐ **Please specify:** _____

Part 4

Other Comments and Suggestions

The possibility of a potentially better fuel mix is no assurances that less pollution will be produced by the Grid buy option.

526B00036

526B00036

Annex

Response Form
Public Consultation on Future Fuel Mix for Electricity Generation for Hong Kong

Please send this response form to us on or before **18 June 2014** by one of these means:

mail: Environment Bureau, Electricity Reviews Division, 15/F, East Wing, Central Government Offices, 2 Tim Mei Avenue, Tamar, Hong Kong

e-mail: fuel_mix@enb.gov.hk

fax: 2147 5834

Part 1 (See Notes)

This is a ☑ corporate response (representing the views of a group or an organisation) or ☐ individual response (representing the views of an individual)

by Metro Broadcast Corporations Ltd
(name of person or organisation)

at _____ (telephone) and _____ (e-mail)

Part 2

Fuel Mix Options

FUEL MIX		IMPORT		NATURAL GAS	COAL (& RE)
		NUCLEAR (DBNPS)	GRID PURCHASE		
Existing (2012)		23%	-	22%	55%**
OPTION 1*	Importing more electricity through purchase from the Mainland power grid	20%	30%	40%	10%
		Total : 50%			
OPTION 2*	Using more natural gas for local generation	20%	-	60%	20%

* The above fuel mix ratios aim at providing a basis for planning the necessary infrastructure for electricity supply. Flexibility should apply to actual deployment of each fuel type, having regard to the circumstances happening on the ground.

** Inclusive of a small percentage of oil

Part 3

Specific Questions for Consultation

Q1: How do you view each of the two fuel mix options with regard to safety, reliability, cost, environmental performance and other relevant considerations? (Please indicate your view on **EACH** of the two options.)

Option	Support	Not Support	Reason for NOT supporting (You can tick more than one box)
1	☐	☑	☑ **Safety** ☑ **Reliability** ☑ **Affordability** ☑ **Environmental performance** ☐ **Others (please specify):** _____
2	☑	☐	☐ **Safety** ☐ **Reliability** ☐ **Affordability** ☐ **Environmental performance** ☐ **Others (please specify):** _____

Q2: Which of the two fuel mix options do you prefer? Why? (Please tick **ONLY ONE** box)

Option 1 ☐

Option 2 ☑

Reasons: (You can tick more than one box below)

Safety ☑

Reliability ☑

Affordability ☑

Environmental Performance ☑

Others ☐ **Please specify:** _____

Part 4

Other Comments and Suggestions

Power supply is important to the broadcast and reception of radio programmes especially with the addition of digital broadcast. Option 2 is the better option among the two.

526B00037

526B00037

Annex

Response Form
Public Consultation on Future Fuel Mix for Electricity Generation for Hong Kong

Please send this response form to us on or before **18 June 2014** by one of these means:

mail: Environment Bureau, Electricity Reviews Division, 15/F, East Wing, Central Government Offices, 2 Tim Mei Avenue, Tamar, Hong Kong

e-mail: fuel_mix@enb.gov.hk

fax: 2147 5834

Part 1 (See Notes)

This is a
- [x] corporate response (representing the views of a group or an organisation) or
- [ ] individual response (representing the views of an individual)

by Hutchison Telecommunications (Hong Kong) Ltd
(name of person or organisation)

at _____ (telephone) and _____ (e-mail)

Part 2

Fuel Mix Options

FUEL MIX		IMPORT		NATURAL GAS	COAL (& RE)
		NUCLEAR (DBNPS)	GRID PURCHASE		
Existing (2012)		23%	-	22%	55%**
OPTION 1*	Importing more electricity through purchase from the Mainland power grid	20%	30%	40%	10%
		Total : 50%			
OPTION 2*	Using more natural gas for local generation	20%	-	60%	20%

* The above fuel mix ratios aim at providing a basis for planning the necessary infrastructure for electricity supply. Flexibility should apply to actual deployment of each fuel type, having regard to the circumstances happening on the ground.

** Inclusive of a small percentage of oil

Part 3

Specific Questions for Consultation

Q1: How do you view each of the two fuel mix options with regard to safety, reliability, cost, environmental performance and other relevant considerations? (Please indicate your view on **EACH** of the two options.)

Option	Support	Not Support	Reason for NOT supporting (You can tick more than one box)
1	☐	☑	☑ **Safety** ☑ **Reliability** ☑ **Affordability** ☑ **Environmental performance** ☐ **Others (please specify):** _____
2	☑	☐	☐ **Safety** ☐ **Reliability** ☐ **Affordability** ☐ **Environmental performance** ☐ **Others (please specify):** _____

Q2: Which of the two fuel mix options do you prefer? Why? (Please tick **ONLY ONE** box)

Option 1 ☐

Option 2 ☑

Reasons: (You can tick more than one box below)

Safety ☑

Reliability ☑

Affordability ☑

Environmental Performance ☑

Others ☐ **Please specify:** _____

Part 4

Other Comments and Suggestions

Telecommunications requires stable electric supply throughout our network. Blackouts may cause network interruptions that will take time to restart or reboot.

526B000 38

Annex

Response Form
Public Consultation on Future Fuel Mix for Electricity Generation for Hong Kong

Please send this response form to us on or before **18 June 2014** by one of these means:

mail: Environment Bureau, Electricity Reviews Division, 15/F, East Wing, Central Government Offices, 2 Tim Mei Avenue, Tamar, Hong Kong

e-mail: fuel_mix@enb.gov.hk

fax: 2147 5834

Part 1 (See Notes)

This is a ☑ corporate response (representing the views of a group or an organisation) or ☐ individual response (representing the views of an individual)

by Hutchison Asia Telecommunications Ltd
(name of person or organisation)

at _____ (telephone) and _____ (e-mail)

Part 2

Fuel Mix Options

FUEL MIX		IMPORT		NATURAL GAS	COAL (& RE)
		NUCLEAR (DBNPS)	GRID PURCHASE		
Existing (2012)		23%	-	22%	55%**
OPTION 1*	Importing more electricity through purchase from the Mainland power grid	20%	30%	40%	10%
		Total : 50%			
OPTION 2*	Using more natural gas for local generation	20%	-	60%	20%

* The above fuel mix ratios aim at providing a basis for planning the necessary infrastructure for electricity supply. Flexibility should apply to actual deployment of each fuel type, having regard to the circumstances happening on the ground.

** Inclusive of a small percentage of oil

Part 3

Specific Questions for Consultation

Q1: How do you view each of the two fuel mix options with regard to safety, reliability, cost, environmental performance and other relevant considerations? (Please indicate your view on **EACH** of the two options.)

Option	Support	Not Support	Reason for NOT supporting (You can tick more than one box)
1	☐	☑	☑ **Safety** ☑ **Reliability** ☑ **Affordability** ☑ **Environmental performance** ☐ **Others (please specify):** _____
2	☑	☐	☐ **Safety** ☐ **Reliability** ☐ **Affordability** ☐ **Environmental performance** ☐ **Others (please specify):** _____

Q2: Which of the two fuel mix options do you prefer? Why? (Please tick **ONLY ONE** box)

Option 1 ☐

Option 2 ☑

Reasons: (You can tick more than one box below)

Safety ☑

Reliability ☑

Affordability ☑

Environmental Performance ☑

Others ☐ **Please specify:** _____

Part 4

Other Comments and Suggestions

Hong Kong has a steady electricity supply for a number of years. There's no need to do drastic changes to this mechanism.

526B00039

526B00039

Annex

Response Form
Public Consultation on Future Fuel Mix for Electricity Generation in Hong Kong

Please send this response form to us on or before **18 June 2014** by one of these means:

mail: Environment Bureau, Electricity Reviews Division, 15/F, East Wing, Central Government Offices, 2 Tim Mei Avenue, Tamar, Hong Kong

e-mail: fuel_mix@enb.gov.hk

fax: 2147 5834

Part 1 (See Notes)

This is a ☑ corporate response (representing the views of a group or an organisation) or ☐ individual response (representing the views of an individual)

by ESD Services Limited
(name of person or organisation)

at _____ (telephone) and _____ (e-mail)

Part 2

Fuel Mix Options

FUEL MIX		IMPORT		NATURAL GAS	COAL (& RE)
		NUCLEAR (DBNPS)	GRID PURCHASE		
Existing (2012)		23%	-	22%	55%**
OPTION 1*	importing more electricity through purchase from the Mainland power grid	20%	30%	40%	10%
		Total : 50%			
OPTION 2*	Using more natural gas for local generation	20%	-	60%	20%

* The above fuel mix ratios aim at providing a basis for planning the necessary infrastructure for electricity supply. Flexibility should apply to actual deployment of each fuel type, having regard to the circumstances happening on the ground.

** Inclusive of a small percentage of oil

Part 3

Specific Questions for Consultation

Q1: How do you view each of the two fuel mix options with regard to safety, reliability, cost, environmental performance and other relevant considerations? (Please indicate your view on **EACH** of the two options.)

Option	Support	Not Support	Reason for NOT supporting (You can tick more than one box)
1	☐	☑	☑ **Safety** ☑ **Reliability** ☑ **Affordability** ☑ **Environmental performance** ☐ **Others (please specify):** _____
2	☑	☐	☐ **Safety** ☐ **Reliability** ☐ **Affordability** ☐ **Environmental performance** ☐ **Others (please specify):** _____

Q2: Which of the two fuel mix options do you prefer? Why? (Please tick **ONLY ONE** box)

Option 1 ☐
Option 2 ☑

Reasons: (You can tick more than one box below)

Safety ☑
Reliability ☑
Affordability ☑
Environmental Performance ☑
Others ☐ **Please specify:** _____

Part 4

Other Comments and Suggestions

We are predominantly an online business. Our customers and ourselves are heavily reliant on a stable energy supply.

526B00040

Annex

Response Form
Public Consultation on Future Fuel Mix for Electricity Generation for Hong Kong

Please send this response form to us on or before **18 June 2014** by one of these means:

mail: Environment Bureau, Electricity Reviews Division, 15/F, East Wing, Central Government Offices, 2 Tim Mei Avenue, Tamar, Hong Kong

e-mail: fuel_mix@enb.gov.hk

fax: 2147 5834

Part 1 (See Notes)

This is a ☑ corporate response (representing the views of a group or an organisation) or ☐ individual response (representing the views of an individual)

by Hutchison Global Communications Limited
(name of person or organisation)

at _____ (telephone) and _____ (e-mail)

Part 2

Fuel Mix Options

FUEL MIX		IMPORT		NATURAL GAS	COAL (& RE)
		NUCLEAR (DBNPS)	GRID PURCHASE		
Existing (2012)		23%	-	22%	55%**
OPTION 1*	Importing more electricity through purchase from the Mainland power grid	20%	30%	40%	10%
		Total : 50%			
OPTION 2*	Using more natural gas for local generation	20%	-	60%	20%

* The above fuel mix ratios aim at providing a basis for planning the necessary infrastructure for electricity supply. Flexibility should apply to actual deployment of each fuel type, having regard to the circumstances happening on the ground.

** Inclusive of a small percentage of oil

Part 3

Specific Questions for Consultation

Q1: How do you view each of the two fuel mix options with regard to safety, reliability, cost, environmental performance and other relevant considerations? (Please indicate your view on **EACH** of the two options.)

Option	Support	Not Support	Reason for NOT supporting (You can tick more than one box)
1	☐	☑	☑ **Safety** ☑ **Reliability** ☑ **Affordability** ☑ **Environmental performance** ☐ **Others (please specify):** _____
2	☑	☐	☐ **Safety** ☐ **Reliability** ☐ **Affordability** ☐ **Environmental performance** ☐ **Others (please specify):** _____

Q2: Which of the two fuel mix options do you prefer? Why? (Please tick **ONLY ONE** box)

Option 1 ☐

Option 2 ☑

Reasons: (You can tick more than one box below)

Safety ☑

Reliability ☑

Affordability ☑

Environmental Performance ☑

Others ☐ **Please specify:** _____

Part 4

Other Comments and Suggestions

Grid-purchase introduces an additional risk into the power supply network either in terms of blackouts or surges. This poses risk to company's network infrastructure.

526B00041

526B00041

Annex

Response Form
Public Consultation on Future Fuel Mix for Electricity Generation for Hong Kong

Please send this response form to us on or before **18 June 2014** by one of these means:

mail: Environment Bureau, Electricity Reviews Division, 15/F, East Wing, Central Government Offices, 2 Tim Mei Avenue, Tamar, Hong Kong

e-mail: fuel_mix@enb.gov.hk

fax: 2147 5834

Part 1 (See Notes)

This is a ☑ corporate response (representing the views of a group or an organisation) or
☐ individual response (representing the views of an individual)

by Hutchison Harbour Ring Limited
(name of person or organisation)

at _____ (telephone) and _____ (e-mail)

Part 2

Fuel Mix Options

FUEL MIX		IMPORT		NATURAL GAS	COAL (& RE)
		NUCLEAR (DBNPS)	GRID PURCHASE		
Existing (2012)		23%	-	22%	55%**
OPTION 1*	Importing more electricity through purchase from the Mainland power grid	20%	30%	40%	10%
		Total: 50%			
OPTION 2*	Using more natural gas for local generation	20%	-	60%	20%

* The above fuel mix ratios aim at providing a basis for planning the necessary infrastructure for electricity supply. Flexibility should apply to actual deployment of each fuel type, having regard to the circumstances happening on the ground.

** Inclusive of a small percentage of oil

Part 3

Specific Questions for Consultation

Q1: How do you view each of the two fuel mix options with regard to safety, reliability, cost, environmental performance and other relevant considerations? (Please indicate your view on **EACH** of the two options.)

Option	Support	Not Support	Reason for NOT supporting (You can tick more than one box)
1	☐	☑	☑ **Safety** ☑ **Reliability** ☑ **Affordability** ☑ **Environmental performance** ☐ **Others (please specify):** _____
2	☑	☐	☐ **Safety** ☐ **Reliability** ☐ **Affordability** ☐ **Environmental performance** ☐ **Others (please specify):** _____

Q2: Which of the two fuel mix options do you prefer? Why? (Please tick **ONLY ONE** box)

Option 1 ☐
Option 2 ☑

Reasons: (You can tick more than one box below)

Safety ☑
Reliability ☑
Affordability ☑
Environmental Performance ☑
Others ☐ **Please specify:** _____

Part 4

Other Comments and Suggestions

We have had experience with blackouts in certain provinces that impact business and employees. We do not wish to see this in Hong Kong. We choose Option 2.

526B00042

Annex

Response Form
Public Consultation on Future Fuel Mix for Electricity Generation for Hong Kong

Please send this response form to us on or before **18 June 2014** by one of these means:

mail: Environment Bureau, Electricity Reviews Division, 15/F, East Wing, Central Government Offices, 2 Tim Mei Avenue, Tamar, Hong Kong

e-mail: fuel_mix@enb.gov.hk

fax: 2147 5834

Part 1 (See Notes)

This is a ☑ corporate response (representing the views of a group or an organisation) or

☐ individual response (representing the views of an individual)

by Laguna City Property Management Ltd
(name of person or organisation)

at _____ (telephone) and _____ (e-mail)

Part 2

Fuel Mix Options

FUEL MIX		IMPORT		NATURAL GAS	COAL (& RE)
		NUCLEAR (DBNPS)	GRID PURCHASE		
Existing (2012)		23%	-	22%	55%**
OPTION 1*	Importing more electricity through purchase from the Mainland power grid	20%	30%	40%	10%
		Total : 50%			
OPTION 2*	Using more natural gas for local generation	20%	-	60%	20%

* The above fuel mix ratios aim at providing a basis for planning the necessary infrastructure for electricity supply. Flexibility should apply to actual deployment of each fuel type, having regard to the circumstances happening on the ground.

** Inclusive of a small percentage of oil

Part 3

Specific Questions for Consultation

Q1: How do you view each of the two fuel mix options with regard to safety, reliability, cost, environmental performance and other relevant considerations? (Please indicate your view on **EACH** of the two options.)

Option	Support	Not Support	Reason for NOT supporting (You can tick more than one box)
1	☐	☑	☑ **Safety** ☑ **Reliability** ☑ **Affordability** ☑ **Environmental performance** ☐ **Others (please specify):** _____
2	☑	☐	☐ **Safety** ☐ **Reliability** ☐ **Affordability** ☐ **Environmental performance** ☐ **Others (please specify):** _____

Q2: Which of the two fuel mix options do you prefer? Why? (Please tick **ONLY ONE** box)

Option 1 ☐

Option 2 ☑

Reasons: (You can tick more than one box below)

Safety ☑

Reliability ☑

Affordability ☑

Environmental Performance ☑

Others ☐ **Please specify:** _____

Part 4

Other Comments and Suggestions

Power outages causes problems for tenants as well as increases the damage to electronic devices.

526B00043

526B00043

Annex

Response Form
Public Consultation on Future Fuel Mix for Electricity Generation for Hong Kong

Please send this response form to us on or before **18 June 2014** by one of these means:

mail: Environment Bureau, Electricity Reviews Division, 15/F, East Wing, Central Government Offices, 2 Tim Mei Avenue, Tamar, Hong Kong

e-mail: fuel_mix@enb.gov.hk

fax: 2147 5834

Part 1 (See Notes)

This is a ☑ corporate response (representing the views of a group or an organisation) or

☐ individual response (representing the views of an individual)

by Monte Vista Management Ltd
(name of person or organisation)

at _____ (telephone) and _____ (e-mail)

Part 2

Fuel Mix Options

FUEL MIX		IMPORT		NATURAL GAS	COAL (& RE)
		NUCLEAR (DBNPS)	GRID PURCHASE		
Existing (2012)		23%	-	22%	55%**
OPTION 1*	Importing more electricity through purchase from the Mainland power grid	20%	30%	40%	10%
		Total : 50%			
OPTION 2*	Using more natural gas for local generation	20%	-	60%	20%

* The above fuel mix ratios aim at providing a basis for planning the necessary infrastructure for electricity supply. Flexibility should apply to actual deployment of each fuel type, having regard to the circumstances happening on the ground.

** Inclusive of a small percentage of oil

Part 3

Specific Questions for Consultation

Q1: How do you view each of the two fuel mix options with regard to safety, reliability, cost, environmental performance and other relevant considerations? (Please indicate your view on **EACH** of the two options.)

Option	Support	Not Support	Reason for NOT supporting (You can tick more than one box)
1	☐	☑	☑ **Safety** ☑ **Reliability** ☑ **Affordability** ☑ **Environmental performance** ☐ **Others (please specify):** _____
2	☑	☐	☐ **Safety** ☐ **Reliability** ☐ **Affordability** ☐ **Environmental performance** ☐ **Others (please specify):** _____

Q2: Which of the two fuel mix options do you prefer? Why? (Please tick **ONLY ONE** box)

Option 1 ☐

Option 2 ☑

Reasons: (You can tick more than one box below)

Safety ☑

Reliability ☑

Affordability ☑

Environmental Performance ☑

Others ☐ **Please specify:** _____

Part 4

Other Comments and Suggestions

Many services at our property estate including elevators and escalators require electricity.

526B00044

526B00044

Annex

Response Form
Public Consultation on Future Fuel Mix for Electricity Generation for Hong Kong

Please send this response form to us on or before **18 June 2014** by one of these means:

mail: Environment Bureau, Electricity Reviews Division, 15/F, East Wing, Central Government Offices, 2 Tim Mei Avenue, Tamar, Hong Kong

e-mail: fuel_mix@enb.gov.hk

fax: 2147 5834

Part 1 (See Notes)

This is a ☑ corporate response (representing the views of a group or an organisation) or ☐ individual response (representing the views of an individual)

by Cosmos Wide International Ltd
(name of person or organisation)

at _____ (telephone) and _____ (e-mail)

Part 2

Fuel Mix Options

FUEL MIX		IMPORT		NATURAL GAS	COAL (& RE)
		NUCLEAR (DBNPS)	GRID PURCHASE		
Existing (2012)		23%	-	22%	55%**
OPTION 1*	Importing more electricity through purchase from the Mainland power grid	20%	30%	40%	10%
		Total : 50%			
OPTION 2*	Using more natural gas for local generation	20%	-	60%	20%

* The above fuel mix ratios aim at providing a basis for planning the necessary infrastructure for electricity supply. Flexibility should apply to actual deployment of each fuel type, having regard to the circumstances happening on the ground.

** Inclusive of a small percentage of oil

Part 3

Specific Questions for Consultation

Q1: How do you view each of the two fuel mix options with regard to safety, reliability, cost, environmental performance and other relevant considerations? (Please indicate your view on **EACH** of the two options.)

Option	Support	Not Support	Reason for NOT supporting (You can tick more than one box)
1	☐	☑	☑ **Safety** ☑ **Reliability** ☑ **Affordability** ☑ **Environmental performance** ☐ **Others (please specify):** _____
2	☑	☐	☐ **Safety** ☐ **Reliability** ☐ **Affordability** ☐ **Environmental performance** ☐ **Others (please specify):** _____

Q2: Which of the two fuel mix options do you prefer? Why? (Please tick **ONLY ONE** box)

Option 1 ☐
Option 2 ☑

Reasons: (You can tick more than one box below)

Safety ☑
Reliability ☑
Affordability ☑
Environmental Performance ☑
Others ☐ **Please specify:** _____

Part 4

Other Comments and Suggestions

Option 2 has more flexibility in terms of capital investment.

526B00045

526B00045

Annex

Response Form
Public Consultation on Future Fuel Mix for Electricity Generation for Hong Kong

Please send this response form to us on or before **18 June 2014** by one of these means:

mail: Environment Bureau, Electricity Reviews Division, 15/F, East Wing, Central Government Offices, 2 Tim Mei Avenue, Tamar, Hong Kong

e-mail: fuel_mix@enb.gov.hk

fax: 2147 5834

Part 1 (See Notes)

This is a ☑ corporate response (representing the views of a group or an organisation) or ☐ individual response (representing the views of an individual)

by Bigboxx.com Limited
(name of person or organisation)

at _____ (telephone) and _____ (e-mail)

Part 2

Fuel Mix Options

FUEL MIX		IMPORT		NATURAL GAS	COAL (& RE)
		NUCLEAR (DBNPS)	GRID PURCHASE		
Existing (2012)		23%	-	22%	55%**
OPTION 1*	Importing more electricity through purchase from the Mainland power grid	20%	30%	40%	10%
		Total : 50%			
OPTION 2*	Using more natural gas for local generation	20%	-	60%	20%

* The above fuel mix ratios aim at providing a basis for planning the necessary infrastructure for electricity supply. Flexibility should apply to actual deployment of each fuel type, having regard to the circumstances happening on the ground.

** Inclusive of a small percentage of oil

Part 3

Specific Questions for Consultation

Q1: How do you view each of the two fuel mix options with regard to safety, reliability, cost, environmental performance and other relevant considerations? (Please indicate your view on **EACH** of the two options.)

Option	Support	Not Support	Reason for NOT supporting (You can tick more than one box)
1	☐	☑	☑ **Safety** ☑ **Reliability** ☑ **Affordability** ☑ **Environmental performance** ☐ **Others (please specify):** _____
2	☑	☐	☐ **Safety** ☐ **Reliability** ☐ **Affordability** ☐ **Environmental performance** ☐ **Others (please specify):** _____

Q2: Which of the two fuel mix options do you prefer? Why? (Please tick **ONLY ONE** box)

Option 1 ☐
Option 2 ☑

Reasons: (You can tick more than one box below)

Safety ☑
Reliability ☑
Affordability ☑
Environmental Performance ☑
Others ☐ **Please specify:** _____

Part 4

Other Comments and Suggestions

Logistics relies heavily on electricity. Option 2 introduces the least uncertainty.

526B000 46

Annex

Response Form
Public Consultation on Future Fuel Mix for Electricity Generation for Hong Kong

Please send this response form to us on or before **18 June 2014** by one of these means:

mail: Environment Bureau, Electricity Reviews Division, 15/F, East Wing, Central Government Offices, 2 Tim Mei Avenue, Tamar, Hong Kong

e-mail: fuel_mix@enb.gov.hk

fax: 2147 5834

Part 1 (See Notes)

This is a ☑ corporate response (representing the views of a group or an organisation) or ☐ individual response (representing the views of an individual)

by Vigour Ltd (name of person or organisation)

at _____ (telephone) and _____ (e-mail)

Part 2

Fuel Mix Options

FUEL MIX		IMPORT		NATURAL GAS	COAL (& RE)
		NUCLEAR (DBNPS)	GRID PURCHASE		
Existing (2012)		23%	-	22%	55%**
OPTION 1*	Importing more electricity through purchase from the Mainland power grid	20%	30%	40%	10%
		Total : 50%			
OPTION 2*	Using more natural gas for local generation	20%	-	60%	20%

* The above fuel mix ratios aim at providing a basis for planning the necessary infrastructure for electricity supply. Flexibility should apply to actual deployment of each fuel type, having regard to the circumstances happening on the ground.

** Inclusive of a small percentage of oil

Part 3

Specific Questions for Consultation

Q1: How do you view each of the two fuel mix options with regard to safety, reliability, cost, environmental performance and other relevant considerations? (Please indicate your view on **EACH** of the two options.)

Option	Support	Not Support	Reason for NOT supporting (You can tick more than one box)
1	☐	☑	☑ **Safety** ☑ **Reliability** ☑ **Affordability** ☑ **Environmental performance** ☐ **Others (please specify):** _____
2	☑	☐	☐ **Safety** ☐ **Reliability** ☐ **Affordability** ☐ **Environmental performance** ☐ **Others (please specify):** _____

Q2: Which of the two fuel mix options do you prefer? Why? (Please tick **ONLY ONE** box)

Option 1 ☐

Option 2 ☑

Reasons: (You can tick more than one box below)

Safety ☑

Reliability ☑

Affordability ☑

Environmental Performance ☑

Others ☐ **Please specify:** _____

Part 4

Other Comments and Suggestions

HK should do its part to reduce pollution, not outsource it.

526B00047

526B00047

Annex

Response Form
Public Consultation on Future Fuel Mix for Electricity Generation for Hong Kong

Please send this response form to us on or before **18 June 2014** by one of these means:

mail: Environment Bureau, Electricity Reviews Division, 15/F, East Wing, Central Government Offices, 2 Tim Mei Avenue, Tamar, Hong Kong

e-mail: fuel_mix@enb.gov.hk

fax: 2147 5834

Part 1 (See Notes)

This is a ☑ corporate response (representing the views of a group or an organisation) or ☐ individual response (representing the views of an individual)

by Jeanwell Development Limited
(name of person or organisation)

at _____ (telephone) and _____ (e-mail)

Part 2

Fuel Mix Options

FUEL MIX		IMPORT		NATURAL GAS	COAL (& RE)
		NUCLEAR (DBNPS)	GRID PURCHASE		
Existing (2012)		23%	-	22%	55%**
OPTION 1*	Importing more electricity through purchase from the Mainland power grid	20%	30%	40%	10%
		Total : 50%			
OPTION 2*	Using more natural gas for local generation	20%	-	60%	20%

* The above fuel mix ratios aim at providing a basis for planning the necessary infrastructure for electricity supply. Flexibility should apply to actual deployment of each fuel type, having regard to the circumstances happening on the ground.

** Inclusive of a small percentage of oil

Part 3

Specific Questions for Consultation

Q1: How do you view each of the two fuel mix options with regard to safety, reliability, cost, environmental performance and other relevant considerations? (Please indicate your view on **EACH** of the two options.)

Option	Support	Not Support	Reason for NOT supporting (You can tick more than one box)
1	☐	☑	☑ **Safety** ☑ **Reliability** ☑ **Affordability** ☑ **Environmental performance** ☐ **Others (please specify):** _____
2	☑	☐	☐ **Safety** ☐ **Reliability** ☐ **Affordability** ☐ **Environmental performance** ☐ **Others (please specify):** _____

Q2: Which of the two fuel mix options do you prefer? Why? (Please tick **ONLY ONE** box)

Option 1 ☐

Option 2 ☑

Reasons: (You can tick more than one box below)

Safety ☑

Reliability ☑

Affordability ☑

Environmental Performance ☑

Others ☐ **Please specify:** _____

Part 4

Other Comments and Suggestions

Hong Kong's electricity companies have a terrific safety record. This is important to our business and colleagues.

526B00049

元朗南天大廈業主立案法團

The Incorporated Owners of Yuen Long Nan Tin Mansion

526B00049

Our Ref: NT-14-enb-1

23rd May 2014

Secretary for the Environment,
Government Secretariat,
15/F, East Wing,
Central Government Offices,
2 Tim Mei Avenue, Tamar,
Hong Kong.

Dear Sir/Madam,

Public Consultation on
Future Fuel Mix for Electricity Generation

We refer to the leaflet accompanying your letter dated 17-4-2014 and would like to offer our following views.

Safety
Option 1 involves nuclear power supply which may be hazardous.

Reliability
With the proven track record of reliability in Option 2, it is undesirable to rely on CSG's less reliable power supply.

Affordability
Tariff of Option 1 is out of our control. Increasing use of natural gas by Option 2 would not necessarily increase our electricity bill.

Environmental Performance
It seems that the Option 1 has plenty of room for improvement.

Implications for the Post-2018 Electricity Market
Introducing Option 1 to the HK market would pre-empt the choosing of supplier if such decision has to be made in 2018. There would be a 5-year transition period if a new supplier is chosen. Hence, Option 2 is still preferable.

Diversification
Power generation from the CSG is never cleaner than that in Hong Kong. Option 2 would be using cleaner fuel alternative. The agreement signed on 22-5-2014 by the Russia to long term supply of US$400 billion worth of natural gas to China will help stabilising the price and supply of natural gas to Hong Kong from the South China Sea.

528B00001

528B00001

Response Form
Public Consultation on Future Fuel Mix for Electricity Generation for Hong Kong

Please send this response form to us on or before **18 June 2014** by one of these means:

mail: Environment Bureau, Electricity Reviews Division, 15/F, East Wing, Central Government Offices, 2 Tim Mei Avenue, Tamar, Hong Kong

e-mail: fuel_mix@enb.gov.hk

fax: 2147 5834

Part 1 (See Notes)

This is a ☑ corporate response (representing the views of a group or an organisation) or
☐ individual response (representing the views of an individual)

by CK Communications Ltd
(name of person or organisation)

at _____ (telephone) and _____ (e-mail)

Part 2

Fuel Mix Options

FUEL MIX		IMPORT		NATURAL GAS	COAL (& RE)
		NUCLEAR (DBNPS)	GRID PURCHASE		
Existing (2012)		23%	-	22%	55%**
OPTION 1*	**Importing more electricity through purchase from the Mainland power grid**	**20%**	**30%**	**40%**	**10%**
		Total : 50%			
OPTION 2*	**Using more natural gas for local generation**	**20%**	-	**60%**	**20%**

* The above fuel mix ratios aim at providing a basis for planning the necessary infrastructure for electricity supply. Flexibility should apply to actual deployment of each fuel type, having regard to the circumstances happening on the ground.

** Inclusive of a small percentage of oil

Part 3

Specific Questions for Consultation

Q1: How do you view each of the two fuel mix options with regard to safety, reliability, cost, environmental performance and other relevant considerations? (Please indicate your view on **EACH** of the two options.)

Option	Support	Not Support	Reason for NOT supporting (You can tick more than one box)
1	☐	☑	☑ **Safety** ☑ **Reliability** ☑ **Affordability** ☑ **Environmental performance** ☐ **Others (please specify):** _____
2	☑	☐	☐ **Safety** ☐ **Reliability** ☐ **Affordability** ☐ **Environmental performance** ☐ **Others (please specify):** _____

Q2: Which of the two fuel mix options do you prefer? Why? (Please tick **ONLY ONE** box)

Option 1 ☐

Option 2 ☑

Reasons: (You can tick more than one box below)

Safety ☑

Reliability ☑

Affordability ☑

Environmental Performance ☑

Others ☐ **Please specify:** _____

Part 4

Other Comments and Suggestions

Option 2 will reduce pollution for the Pearl River Delta region.

528B00002

528B00002

Annex

Response Form
Public Consultation on Future Fuel Mix for Electricity Generation for Hong Kong

Please send this response form to us on or before **18 June 2014** by one of these means:

mail: Environment Bureau, Electricity Reviews Division, 15/F, East Wing,
Central Government Offices, 2 Tim Mei Avenue, Tamar, Hong Kong

e-mail: fuel_mix@enb.gov.hk

fax: 2147 5834

Part 1 (See Notes)

This is a ☑ corporate response (representing the views of a group or an organisation) or
☐ individual response (representing the views of an individual)

by Videofone Co Ltd
(name of person or organisation)

at _____ (telephone) and _____ (e-mail)

Part 2

Fuel Mix Options

FUEL MIX		IMPORT		NATURAL GAS	COAL (& RE)
		NUCLEAR (DBNPS)	GRID PURCHASE		
Existing (2012)		23%	-	22%	55%**
OPTION 1*	Importing more electricity through purchase from the Mainland power grid	20%	30%	40%	10%
		Total : 50%			
OPTION 2*	Using more natural gas for local generation	20%	-	60%	20%

* The above fuel mix ratios aim at providing a basis for planning the necessary infrastructure for electricity supply. Flexibility should apply to actual deployment of each fuel type, having regard to the circumstances happening on the ground.

** *Inclusive of a small percentage of oil*

Part 3

Specific Questions for Consultation

Q1: How do you view each of the two fuel mix options with regard to safety, reliability, cost, environmental performance and other relevant considerations? (Please indicate your view on **EACH** of the two options.)

Option	Support	Not Support	Reason for NOT supporting (You can tick more than one box)
1	☐	☑	☑ **Safety** ☑ **Reliability** ☑ **Affordability** ☑ **Environmental performance** ☐ **Others (please specify):** _____
2	☑	☐	☐ **Safety** ☐ **Reliability** ☐ **Affordability** ☐ **Environmental performance** ☐ **Others (please specify):** _____

Q2: Which of the two fuel mix options do you prefer? Why? (Please tick **ONLY ONE** box)

Option 1 ☐

Option 2 ☑

Reasons: (You can tick more than one box below)

Safety ☑

Reliability ☑

Affordability ☑

Environmental Performance ☑

Others ☐ **Please specify:** _____

Part 4

Other Comments and Suggestions

The Government has been promoting IT development for years. Uncertainty in energy reliable is bad for the industry and our clients.

528B00003

Annex

Response Form
Public Consultation on Future Fuel Mix for Electricity Generation in Hong Kong

Please send this response form to us on or before **18 June 2014** by one of the following means:

mail: Environment Bureau, Electricity Reviews Division, 15/F, East Wing, Central Government Offices, 2 Tim Mei Avenue, Tamar, Hong Kong

e-mail: fuel_mix@enb.gov.hk

fax: 2147 5834

Part 1 (See Notes)

This is a ☑ corporate response (representing the views of a group or an organisation) or
☐ individual response (representing the views of an individual)

by iBusiness Corporation Ltd
(name of person or organisation)

at _____ (telephone) and _____ (e-mail)

Part 2

Fuel Mix Options

FUEL MIX		IMPORT		NATURAL GAS	COAL (& RE)
		NUCLEAR (DBNPS)	GRID PURCHASE		
Existing (2012)		23%	-	22%	55%**
OPTION 1*	**Importing more electricity through purchase from the Mainland power grid**	**20%**	**30%**	**40%**	**10%**
		Total : 50%			
OPTION 2*	**Using more natural gas for local generation**	**20%**	**-**	**60%**	**20%**

* The above fuel mix ratios aim at providing a basis for planning the necessary infrastructure for electricity supply. Flexibility should apply to actual deployment of each fuel type, having regard to the circumstances happening on the ground.

** *Inclusive of a small percentage of oil*

Part 3

Specific Questions for Consultation

Q1: How do you view each of the two fuel mix options with regard to safety, reliability, cost, environmental performance and other relevant considerations? (Please indicate your view on **EACH** of the two options.)

Option	Support	Not Support	Reason for NOT supporting (You can tick more than one box)
1	☐	☑	☑ **Safety** ☑ **Reliability** ☑ **Affordability** ☑ **Environmental performance** ☐ **Others (please specify):** _____
2	☑	☐	☐ **Safety** ☐ **Reliability** ☐ **Affordability** ☐ **Environmental performance** ☐ **Others (please specify):** _____

Q2: Which of the two fuel mix options do you prefer? Why? (Please tick **ONLY ONE** box)

Option 1 ☐

Option 2 ☑

Reasons: (You can tick more than one box below)

Safety ☑

Reliability ☑

Affordability ☑

Environmental Performance ☑

Others ☐ **Please specify:** _____

Part 4

Other Comments and Suggestions

For Hong Kong to be a technology hub, reliable energy source is crucial.

528 B00004

528B00004

Response Form
Public Consultation on Future Fuel Mix for Electricity Generation for Hong Kong

Please send this response form to us on or before 18 June 2014 by one of these means:

mail: Environment Bureau, Electricity Reviews Division, 15/F, East Wing, Central Government Offices, 2 Tim Mei Avenue, Tamar, Hong Kong

e-mail: fuel_mix@enb.gov.hk

fax: 2147 5834

Part 1 (See Notes)

This is a ☑ corporate response (representing the views of a group or an organisation) or ☐ individual response (representing the views of an individual)

by Hutchison Whampoa (China) Ltd
(name of person or organisation)

at _____ (telephone) and _____ (e-mail)

Part 2

Fuel Mix Options

FUEL MIX		IMPORT		NATURAL GAS	COAL (& RE)
		NUCLEAR (DBNPS)	GRID PURCHASE		
Existing (2012)		23%	-	22%	55%**
OPTION 1*	Importing more electricity through purchase from the Mainland power grid	20%	30%	40%	10%
		Total : 50%			
OPTION 2*	Using more natural gas for local generation	20%	-	60%	20%

* The above fuel mix ratios aim at providing a basis for planning the necessary infrastructure for electricity supply. Flexibility should apply to actual deployment of each fuel type, having regard to the circumstances happening on the ground.

** Inclusive of a small percentage of oil

Part 3

Specific Questions for Consultation

Q1: How do you view each of the two fuel mix options with regard to safety, reliability, cost, environmental performance and other relevant considerations? (Please indicate your view on **EACH** of the two options.)

Option	Support	Not Support	Reason for NOT supporting (You can tick more than one box)
1	☐	☑	☑ **Safety** ☑ **Reliability** ☑ **Affordability** ☑ **Environmental performance** ☐ **Others (please specify):** _____
2	☑	☐	☐ **Safety** ☐ **Reliability** ☐ **Affordability** ☐ **Environmental performance** ☐ **Others (please specify):** _____

Q2: Which of the two fuel mix options do you prefer? Why? (Please tick **ONLY ONE** box)

Option 1 ☐

Option 2 ☑

Reasons: (You can tick more than one box below)

Safety ☑

Reliability ☑

Affordability ☑

Environmental Performance ☑

Others ☐ **Please specify:** _____

Part 4

Other Comments and Suggestions

Blackouts and power interruptions have detrimental effect on the productivity and business continuation in China. This is not something we want to see in Hong Kong.

528B00005

528B00005

Annex

Response Form
Public Consultation on Future Fuel Mix for Electricity Generation for Hong Kong

Please send this response form to us on or before **18 June 2014** by one of these means:

mail: Environment Bureau, Electricity Reviews Division, 15/F, East Wing, Central Government Offices, 2 Tim Mei Avenue, Tamar, Hong Kong

e-mail: fuel_mix@enb.gov.hk

fax: 2147 5834

Part 1 (See Notes)

This is a ☑ corporate response (representing the views of a group or an organisation) or
☐ individual response (representing the views of an individual)

by Hutchison-Priceline (HK) Limited
(name of person or organisation)

at _____ (telephone) and _____ (e-mail)

Part 2

Fuel Mix Options

FUEL MIX		IMPORT		NATURAL GAS	COAL (& RE)
		NUCLEAR (DBNPS)	GRID PURCHASE		
Existing (2012)		23%	-	22%	55%**
OPTION 1*	importing more electricity through purchase from the Mainland power grid	20%	30%	40%	10%
		Total : 50%			
OPTION 2*	Using more natural gas for local generation	20%	-	60%	20%

* The above fuel mix ratios aim at providing a basis for planning the necessary infrastructure for electricity supply. Flexibility should apply to actual deployment of each fuel type, having regard to the circumstances happening on the ground.

** Inclusive of a small percentage of oil

Part 3

Specific Questions for Consultation

Q1: How do you view each of the two fuel mix options with regard to safety, reliability, cost, environmental performance and other relevant considerations? (Please indicate your view on **EACH** of the two options.)

Option	Support	Not Support	Reason for NOT supporting (You can tick more than one box)
1	☐	☑	☑ **Safety** ☑ **Reliability** ☑ **Affordability** ☑ **Environmental performance** ☐ **Others (please specify):** _____
2	☑	☐	☐ **Safety** ☐ **Reliability** ☐ **Affordability** ☐ **Environmental performance** ☐ **Others (please specify):** _____

Q2: Which of the two fuel mix options do you prefer? Why? (Please tick **ONLY ONE** box)

Option 1 ☐
Option 2 ☑

Reasons: (You can tick more than one box below)

Safety ☑
Reliability ☑
Affordability ☑
Environmental Performance ☑
Others ☐ **Please specify:** _____

Part 4

Other Comments and Suggestions

As an online service provider, power interruptions will affect our operations as well as for our potential customers. Transactions may be interrupted or duplicated which will cause problems for both the business and customers.

528B00006

528B00006

Annex

Response Form
Public Consultation on Future Fuel Mix for Electricity Generation for Hong Kong

Please send this response form to us on or before 18 June 2014 by one of these means:

mail: Environment Bureau, Electricity Reviews Division, 15/F, East Wing, Central Government Offices, 2 Tim Mei Avenue, Tamar, Hong Kong

e-mail: fuel_mix@enb.gov.hk

fax: 2147 5834

Part 1 (See Notes)

This is a ☑ corporate response (representing the views of a group or an organisation) or
☐ individual response (representing the views of an individual)

by P & H Development Limited
(name of person or organisation)

at _____ (telephone) and _____ (e-mail)

Part 2

Fuel Mix Options

FUEL MIX		IMPORT		NATURAL GAS	COAL (& RE)
		NUCLEAR (DBNPS)	GRID PURCHASE		
Existing (2012)		23%	-	22%	55%**
OPTION 1*	Importing more electricity through purchase from the Mainland power grid	20%	30%	40%	10%
		Total : 50%			
OPTION 2*	Using more natural gas for local generation	20%	-	60%	20%

* The above fuel mix ratios aim at providing a basis for planning the necessary infrastructure for electricity supply. Flexibility should apply to actual deployment of each fuel type, having regard to the circumstances happening on the ground.

** Inclusive of a small percentage of oil

Part 3

Specific Questions for Consultation

Q1: How do you view each of the two fuel mix options with regard to safety, reliability, cost, environmental performance and other relevant considerations? (Please indicate your view on **EACH** of the two options.)

Option	Support	Not Support	Reason for NOT supporting (You can tick more than one box)
1	☐	☑	☑ **Safety** ☑ **Reliability** ☑ **Affordability** ☑ **Environmental performance** ☐ **Others (please specify):** _____
2	☑	☐	☐ **Safety** ☐ **Reliability** ☐ **Affordability** ☐ **Environmental performance** ☐ **Others (please specify):** _____

Q2: Which of the two fuel mix options do you prefer? Why? (Please tick **ONLY ONE** box)

Option 1 ☐
Option 2 ☑

Reasons: (You can tick more than one box below)

Safety ☑
Reliability ☑
Affordability ☑
Environmental Performance ☑
Others ☐ **Please specify:** _____

Part 4

Other Comments and Suggestions

Grid buy introduces additional uncertainty with costs especially since the RMB fluctuates as well as making HK a captive buyer.

528B00007

528B00007

Annex

Response Form
Public Consultation on Future Fuel Mix for Electricity Generation for Hong Kong

Please send this response form to us on or before **18 June 2014** by one of these means:

mail: Environment Bureau, Electricity Reviews Division, 15/F, East Wing,
Central Government Offices, 2 Tim Mei Avenue, Tamar, Hong Kong

e-mail: fuel_mix@enb.gov.hk

fax: 2147 5834

Part 1 (See Notes)

This is a ☑ corporate response (representing the views of a group or an organisation) or
☐ individual response (representing the views of an individual)

by Nob Hill Management Ltd
(name of person or organisation)

at _____ (telephone) and _____ (e-mail)

Part 2

Fuel Mix Options

FUEL MIX		IMPORT		NATURAL GAS	COAL (& RE)
		NUCLEAR (DBNPS)	GRID PURCHASE		
Existing (2012)		23%	-	22%	55%**
OPTION 1*	Importing more electricity through purchase from the Mainland power grid	20%	30%	40%	10%
		Total : 50%			
OPTION 2*	Using more natural gas for local generation	20%	-	60%	20%

* The above fuel mix ratios aim at providing a basis for planning the necessary infrastructure for electricity supply. Flexibility should apply to actual deployment of each fuel type, having regard to the circumstances happening on the ground.

** Inclusive of a small percentage of oil

Part 3

Specific Questions for Consultation

Q1: How do you view each of the two fuel mix options with regard to safety, reliability, cost, environmental performance and other relevant considerations? (Please indicate your view on **EACH** of the two options.)

Option	Support	Not Support	Reason for NOT supporting (You can tick more than one box)
1	☐	☑	☑ **Safety** ☑ **Reliability** ☑ **Affordability** ☑ **Environmental performance** ☐ **Others (please specify):** _____
2	☑	☐	☐ **Safety** ☐ **Reliability** ☐ **Affordability** ☐ **Environmental performance** ☐ **Others (please specify):** _____

Q2: Which of the two fuel mix options do you prefer? Why? (Please tick **ONLY ONE** box)

Option 1 ☐

Option 2 ☑

Reasons: (You can tick more than one box below)

Safety ☑

Reliability ☑

Affordability ☑

Environmental Performance ☑

Others ☐ **Please specify:** _____

Part 4

Other Comments and Suggestions

The services we provide to our tenants require electricity. Even minutes of unplanned outage is unacceptable.

528B00008

Annex

Response Form
Public Consultation on Future Fuel Mix for Electricity Generation for Hong Kong

Please send this response form to us on or before **18 June 2014** by one of these means:

mail: Environment Bureau, Electricity Reviews Division, 15/F, East Wing, Central Government Offices, 2 Tim Mei Avenue, Tamar, Hong Kong

e-mail: fuel_mix@enb.gov.hk

fax: 2147 5834

Part 1 (See Notes)

This is a ☑ corporate response (representing the views of a group or an organisation) or
☐ individual response (representing the views of an individual)

by TOM Group Limited
(name of person or organisation)

at _____ (telephone) and _____ (e-mail)

Part 2

Fuel Mix Options

FUEL MIX		IMPORT		NATURAL GAS	COAL (& RE)
		NUCLEAR (DBNPS)	GRID PURCHASE		
Existing (2012)		23%	-	22%	55%**
OPTION 1*	Importing more electricity through purchase from the Mainland power grid	20%	30%	40%	10%
		Total : 50%			
OPTION 2*	Using more natural gas for local generation	20%	-	60%	20%

* The above fuel mix ratios aim at providing a basis for planning the necessary infrastructure for electricity supply. Flexibility should apply to actual deployment of each fuel type, having regard to the circumstances happening on the ground.

** Inclusive of a small percentage of oil

Part 3

Specific Questions for Consultation

Q1: How do you view each of the two fuel mix options with regard to safety, reliability, cost, environmental performance and other relevant considerations? (Please indicate your view on **EACH** of the two options.)

Option	Support	Not Support	Reason for NOT supporting (You can tick more than one box)
1	☐	☑	☑ **Safety** ☑ **Reliability** ☑ **Affordability** ☑ **Environmental performance** ☐ **Others (please specify):** _____
2	☑	☐	☐ **Safety** ☐ **Reliability** ☐ **Affordability** ☐ **Environmental performance** ☐ **Others (please specify):** _____

Q2: Which of the two fuel mix options do you prefer? Why? (Please tick **ONLY ONE** box)

Option 1 ☐
Option 2 ☑

Reasons: (You can tick more than one box below)

Safety ☑
Reliability ☑
Affordability ☑
Environmental Performance ☑
Others ☐ **Please specify:** _____

Part 4

Other Comments and Suggestions

Our business, particularly the online business is particularly impacted by electricity reliability. Even brief interruptions will have an impact on the work as files can be corrupted or deleted by power surges. This is why option 2 is much preferred.

528B00009

528B00009

Annex

Response Form
Public Consultation on Future Fuel Mix for Electricity Generation for Hong Kong

Please send this response form to us on or before **18 June 2014** by one of these means:

mail: Environment Bureau, Electricity Reviews Division, 15/F, East Wing, Central Government Offices, 2 Tim Mei Avenue, Tamar, Hong Kong

e-mail: fuel_mix@enb.gov.hk

fax: 2147 5834

Part 1 (See Notes)

This is a ☑ corporate response (representing the views of a group or an organisation) or ☐ individual response (representing the views of an individual)

by Resort Clubs Ltd
(name of person or organisation)

at _____ (telephone) and _____ (e-mail)

Part 2

Fuel Mix Options

FUEL MIX		IMPORT		NATURAL GAS	COAL (& RE)
		NUCLEAR (DBNPS)	GRID PURCHASE		
Existing (2012)		23%	-	22%	55%**
OPTION 1*	Importing more electricity through purchase from the Mainland power grid	20%	30%	40%	10%
		Total : 50%			
OPTION 2*	Using more natural gas for local generation	20%	-	60%	20%

* The above fuel mix ratios aim at providing a basis for planning the necessary infrastructure for electricity supply. Flexibility should apply to actual deployment of each fuel type, having regard to the circumstances happening on the ground.

** Inclusive of a small percentage of oil

Part 3

Specific Questions for Consultation

Q1: How do you view each of the two fuel mix options with regard to safety, reliability, cost, environmental performance and other relevant considerations? (Please indicate your view on **EACH** of the two options.)

Option	Support	Not Support	Reason for NOT supporting (You can tick more than one box)
1	☐	☑	☑ **Safety** ☑ **Reliability** ☑ **Affordability** ☑ **Environmental performance** ☐ **Others (please specify):** _____
2	☑	☐	☐ **Safety** ☐ **Reliability** ☐ **Affordability** ☐ **Environmental performance** ☐ **Others (please specify):** _____

Q2: Which of the two fuel mix options do you prefer? Why? (Please tick **ONLY ONE** box)

Option 1 ☐

Option 2 ☑

Reasons: (You can tick more than one box below)

Safety ☑

Reliability ☑

Affordability ☑

Environmental Performance ☑

Others ☐ **Please specify:** _____

Part 4

Other Comments and Suggestions

Our facilities require reliable energy supply.

528B00010

528B00010

Annex

Response Form
Public Consultation on Future Fuel Mix for Electricity Generation for Hong Kong

Please send this response form to us on or before **18 June 2014** by one of these means:

mail: Environment Bureau, Electricity Reviews Division, 15/F, East Wing, Central Government Offices, 2 Tim Mei Avenue, Tamar, Hong Kong

e-mail: fuel_mix@enb.gov.hk

fax: 2147 5834

Part 1 (See Notes)

This is a ☑ corporate response (representing the views of a group or an organisation) or
☐ individual response (representing the views of an individual)

by Citybase Property Management Ltd
(name of person or organisation)

at _____ (telephone) and _____ (e-mail)

Part 2

Fuel Mix Options

FUEL MIX		IMPORT		NATURAL GAS	COAL (& RE)
		NUCLEAR (DBNPS)	GRID PURCHASE		
Existing (2012)		23%	-	22%	55%**
OPTION 1*	Importing more electricity through purchase from the Mainland power grid	20%	30%	40%	10%
		Total : 50%			
OPTION 2*	Using more natural gas for local generation	20%	-	60%	20%

* The above fuel mix ratios aim at providing a basis for planning the necessary infrastructure for electricity supply. Flexibility should apply to actual deployment of each fuel type, having regard to the circumstances happening on the ground.

** Inclusive of a small percentage of oil

Part 3

Specific Questions for Consultation

Q1: How do you view each of the two fuel mix options with regard to safety, reliability, cost, environmental performance and other relevant considerations? (Please indicate your view on **EACH** of the two options.)

Option	Support	Not Support	Reason for NOT supporting (You can tick more than one box)
1	☐	☑	☑ **Safety** ☑ **Reliability** ☑ **Affordability** ☑ **Environmental performance** ☐ **Others (please specify):** _____
2	☑	☐	☐ **Safety** ☐ **Reliability** ☐ **Affordability** ☐ **Environmental performance** ☐ **Others (please specify):** _____

Q2: Which of the two fuel mix options do you prefer? Why? (Please tick **ONLY ONE** box)

Option 1 ☐

Option 2 ☑

Reasons: (You can tick more than one box below)

Safety ☑

Reliability ☑

Affordability ☑

Environmental Performance ☑

Others ☐ **Please specify:** _____

Part 4

Other Comments and Suggestions

In property management, both in monitoring as well as in daily operations, a reliable electricity supply is very important.

528B00011

528B00011

Annex

Response Form
Public Consultation on Future Fuel Mix for Electricity Generation for Hong Kong

Please send this response form to us on or before 18 June 2014 by one of these means:

mail: Environment Bureau, Electricity Reviews Division, 15/F, East Wing, Central Government Offices, 2 Tim Mei Avenue, Tamar, Hong Kong

e-mail: fuel_mix@enb.gov.hk

fax: 2147 5834

Part 1 (See Notes)

This is a ☑ corporate response (representing the views of a group or an organisation) or
☐ individual response (representing the views of an individual)

by E-Park Parking Management Ltd
(name of person or organisation)

at _____ and _____
(telephone) (e-mail)

Part 2

Fuel Mix Options

FUEL MIX		IMPORT		NATURAL GAS	COAL (& RE)
		NUCLEAR (DBNPS)	GRID PURCHASE		
Existing (2012)		23%	-	22%	55%**
OPTION 1*	Importing more electricity through purchase from the Mainland power grid	20%	30%	40%	10%
		Total : 50%			
OPTION 2*	Using more natural gas for local generation	20%	-	60%	20%

* The above fuel mix ratios aim at providing a basis for planning the necessary infrastructure for electricity supply. Flexibility should apply to actual deployment of each fuel type, having regard to the circumstances happening on the ground.

** Inclusive of a small percentage of oil

Part 3

Specific Questions for Consultation

Q1: How do you view each of the two fuel mix options with regard to safety, reliability, cost, environmental performance and other relevant considerations? (Please indicate your view on **EACH** of the two options.)

Option	Support	Not Support	Reason for NOT supporting (You can tick more than one box)
1	☐	☑	☑ **Safety** ☑ **Reliability** ☑ **Affordability** ☑ **Environmental performance** ☐ **Others (please specify):** _____
2	☑	☐	☐ **Safety** ☐ **Reliability** ☐ **Affordability** ☐ **Environmental performance** ☐ **Others (please specify):** _____

Q2: Which of the two fuel mix options do you prefer? Why? (Please tick **ONLY ONE** box)

Option 1 ☐

Option 2 ☑

Reasons: (You can tick more than one box below)

Safety ☑

Reliability ☑

Affordability ☑

Environmental Performance ☑

Others ☐ **Please specify:** _____

Part 4

Other Comments and Suggestions

Many electronic devices including security and access in parking lots are reliant on a steady power supply. Option 2 gives us that assurance.

528B00019

528B00019

附件

回應表格
香港的未來發電燃料組合公眾諮詢

請於2014年6月18日或之前透過以下方式提交你的意見。
郵寄地址: 香港添馬添美道二號政府總部東翼十五樓環境局電力檢討科
電子郵件: fuel_mix@enb.gov.hk
傳真: 2147 5834

第一部分(見註)

這是 ☑ 團體回應 (代表個別團體或機構意見) 或
☐ 個人回應 (代表個人意見)

_____ (個人或機構名稱)

_____ (電話) 及 _____ (電郵)

第二部分
燃料組合

燃料組合		輸入		天然氣	煤 (及可再生能源)
		核能 (大亞灣核電站)	從電網購電		
現時 (2012)		23%	-	22%	55%**
方案1*	通過從內地電網購電以輸入更多電力	20%	30%	40%	10%
		總共：50%			
方案2*	利用更多天然氣作本地發電	20%	-	60%	20%

*以上的燃料比例用以提供一個基礎作規劃電力供應所需的基線。不同燃料的實際分配將按實際情況釐定。

**包括少量燃油。

第三部分

具體諮詢問題

問1: 就安全、可靠性、合理價格、環保表現及其他相關的考慮而言，你對兩個燃料組合方案有何意見? (請就每個方案說明你的看法)

方案	支持	不支持	不支持方案的原因 (可選擇多過一項)
1	☐	☑	☐ 安全 ☐ 可靠性 ☐ 合理價格 ☐ 環保表現 ☐ 其他 (請註明): _____
2	☑	☐	☐ 安全 ☐ 可靠性 ☐ 合理價格 ☐ 環保表現 ☐ 其他 (請註明): _____

問2: 你認為在兩個燃料組合方案中，哪一個較理想？為什麼？(請只選擇一個)

方案1 ☐
方案2 ☑

原因: (可選擇多過一項)

安全 ☑
可靠性 ☑
合理價格 ☐
環保表現 ☑
其他 ☐ 請註明: _____

第四部分

其他意見或建議

The present Hong Kong Electric and CLP are highly reliable. Why why why we can tolerate a competitor of lower reliability and safety records? Any bribery or private deal between that proposed operator and our Government Official? are they representing us? or their own benefit?

529B00003

529B00003

附件

回應表格
香港的未來發電燃料組合公眾諮詢

請於2014年6月18日或之前透過以下方式提交你的意見。
郵寄地址: 香港添馬添美道二號政府總部東翼十五樓環境局電力檢討科
電子郵件: fuel_mix@enb.gov.hk
傳真: 2147 5834

第一部分(見註)

這是 ☑ 團體回應 (代表個別團體或機構意見) 或
☐ 個人回應 (代表個人意見)

CANCER CARE CONSULTANTS LTD.
(個人或機構名稱)

_____ (電話) 及 _____ (電郵) 0

第二部分

燃料組合

燃料組合		輸入		天然氣	煤 (及可再生能源)
		核能 (大亞灣核電站)	從電網購電		
現時 (2012)		23%	-	22%	55%**
方案1*	通過從內地電網購電以輸入更多電力	20%	30%	40%	10%
		總共：50%			
方案2*	利用更多天然氣作本地發電	20%	-	60%	20%

*以上的燃料比例用以提供一個基礎作規劃電力供應所需的基建。不同燃料的實際分配應按實際情況釐定。

**包括少量燃油。

第三部分

具體諮詢問題

問1: 就安全、可靠性、合理價格、環保表現及其他相關的考慮而言，你對兩個燃料組合方案有何意見? (請就**每個**方案說明你的看法)

方案	支持	不支持	不支持方案的原因 (可選擇多過一項)
1	☐	☑	☑ **安全** ☑ **可靠性** ☐ **合理價格** ☑ **環保表現** ☐ **其他（請註明）:** _____
2	☑	☐	☐ **安全** ☐ **可靠性** ☐ **合理價格** ☐ **環保表現** ☐ **其他（請註明）:** _____

問2: 你認為在兩個燃料組合方案中，哪一個較理想？為什麼？(請只選擇**一個**)

方案1 ☐
方案2 ☑

原因: (可選擇多過一項)

安全 ☑
可靠性 ☑
合理價格 ☐
環保表現 ☑
其他 ☐ **請註明:** _____

第四部分

其他意見或建議

We should support local electricity generation Independancy.

529B00011

529B00011

附件

回應表格
香港的未來發電燃料組合公眾諮詢

請於2014年6月18日或之前透過以下方式提交你的意見。

郵寄地址: 香港添馬添美道二號政府總部東翼十五樓環境局電力檢討科
電子郵件: fuel_mix@enb.gov.hk
傳真: 2147 5834

第一部分(見註)

這是 ☑ 團體回應 (代表個別團體或機構意見) 或
☐ 個人回應 (代表個人意見)

H.C. Patterson & Company Limited
(個人或機構名稱)

(電話) 及 (電郵)

第二部分

燃料組合

燃料組合		輸入		天然氣	煤 (及可再生能源)
		核能 (大亞灣核電站)	從電網購電		
現時 (2012)		23%	-	22%	55%**
方案1*	通過從內地電網購電以輸入更多電力	20%	30%	40%	10%
		總共：50%			
方案2*	利用更多天然氣作本地發電	20%	-	60%	20%

*以上的燃料比例用以提供一個基礎作規劃電力供應所需的基建。不同燃料的實際分配應按實際情況釐定。

**包括少量燃油。

第三部分

具體諮詢問題

問1: 就安全、可靠性、合理價格、環保表現及其他相關的考慮而言，你對兩個燃料組合方案有何意見? (請就**每個**方案說明你的看法)

方案	支持	不支持	不支持方案的原因 (可選擇多過一項)
1	☐	☑	☑ **安全** ☑ **可靠性** ☐ **合理價格** ☑ **環保表現** ☐ **其他（請註明）:** _____
2	☑	☐	☐ **安全** ☐ **可靠性** ☐ **合理價格** ☐ **環保表現** ☐ **其他（請註明）:** _____

問2: 你認為在兩個燃料組合方案中，哪一個較理想？為什麼？(請只選擇**一個**)

方案1 ☐
方案2 ☑

原因: (可選擇多過一項)

安全 ☑
可靠性 ☑
合理價格 ☑
環保表現 ☑
其他 ☐ **請註明:** _____

第四部分

其他意見或建議

- No price negotiation power - if go for Option 1.

529B00017

529B00017

Response Form
Public Consultation on Future Fuel Mix for Electricity Generation for Hong Kong

Please send this response form to us on or before 18 June 2014 by one of these means:

mail: Environment Bureau, Electricity Reviews Division, 15/F, East Wing, Central Government Offices, 2 Tim Mei Avenue, Tamar, Hong Kong

e-mail: fuel_mix@enb.gov.hk

fax: 2147 5834

Part 1 (See Notes)

This is a ☑ corporate response (representing the views of a group or an organisation) or
☐ individual response (representing the views of an individual)

by Pearl Wisdom Ltd (name of person or organisation)

at _____ (telephone) and _____ (e-mail)

Part 2

Fuel Mix Options

FUEL MIX		IMPORT		NATURAL GAS	COAL (& RE)
		NUCLEAR (DBNPS)	GRID PURCHASE		
Existing (2012)		23%	-	22%	55%**
OPTION 1*	Importing more electricity through purchase from the Mainland power grid	20%	30%	40%	10%
		Total : 50%			
OPTION 2*	Using more natural gas for local generation	20%	-	60%	20%

* The above fuel mix ratios aim at providing a basis for planning the necessary infrastructure for electricity supply. Flexibility should apply to actual deployment of each fuel type, having regard to the circumstances happening on the ground.

** Inclusive of a small percentage of oil

Part 3

Specific Questions for Consultation

Q1: How do you view each of the two fuel mix options with regard to safety, reliability, cost, environmental performance and other relevant considerations? (Please indicate your view on **EACH** of the two options.)

Option	Support	Not Support	Reason for NOT supporting (You can tick more than one box)
1	☐	☑	☑ **Safety** ☑ **Reliability** ☑ **Affordability** ☑ **Environmental performance** ☐ **Others (please specify):** _____
2	☑	☐	☐ **Safety** ☐ **Reliability** ☐ **Affordability** ☐ **Environmental performance** ☐ **Others (please specify):** _____

Q2: Which of the two fuel mix options do you prefer? Why? (Please tick **ONLY ONE** box)

Option 1 ☐

Option 2 ☑

Reasons: (You can tick more than one box below)

Safety ☑

Reliability ☑

Affordability ☑

Environmental Performance ☑

Others ☐ **Please specify:** _____

Part 4

Other Comments and Suggestions

Hong Kong should maintain its competitive advantage and not be like any other Mainland city.

529B00018

Annex

Response Form
Public Consultation on Future Fuel Mix for Electricity Generation for Hong Kong

Please send this response form to us on or before 18 June 2014 by one of these means:

mail: Environment Bureau, Electricity Reviews Division, 15/F, East Wing,
Central Government Offices, 2 Tim Mei Avenue, Tamar, Hong Kong

e-mail: fuel_mix@enb.gov.hk

fax: 2147 5834

Part 1 (See Notes)

This is a ☑ corporate response (representing the views of a group or an organisation) or
☐ individual response (representing the views of an individual)

by Cheung Kong Property Management Ltd
(name of person or organisation)

at _____ (telephone) and _____ (e-mail)

Part 2

Fuel Mix Options

FUEL MIX		IMPORT		NATURAL GAS	COAL (& RE)
		NUCLEAR (DBNPS)	GRID PURCHASE		
Existing (2012)		23%	-	22%	55%**
OPTION 1*	**Importing more electricity through purchase from the Mainland power grid**	**20%**	**30%**	**40%**	**10%**
		Total : 50%			
OPTION 2*	**Using more natural gas for local generation**	**20%**	-	**60%**	**20%**

* The above fuel mix ratios aim at providing a basis for planning the necessary infrastructure for electricity supply. Flexibility should apply to actual deployment of each fuel type, having regard to the circumstances happening on the ground.

** Inclusive of a small percentage of oil

Part 3

Specific Questions for Consultation

Q1: How do you view each of the two fuel mix options with regard to safety, reliability, cost, environmental performance and other relevant considerations? (Please indicate your view on **EACH** of the two options.)

Option	Support	Not Support	Reason for NOT supporting (You can tick more than one box)
1	☐	☑	☑ **Safety** ☑ **Reliability** ☑ **Affordability** ☑ **Environmental performance** ☐ **Others (please specify):** _____
2	☑	☐	☐ **Safety** ☐ **Reliability** ☐ **Affordability** ☐ **Environmental performance** ☐ **Others (please specify):** _____

Q2: Which of the two fuel mix options do you prefer? Why? (Please tick **ONLY ONE** box)

Option 1 ☐

Option 2 ☑

Reasons: (You can tick more than one box below)

Safety ☑

Reliability ☑

Affordability ☑

Environmental Performance ☑

Others ☐ **Please specify:** _____

Part 4

Other Comments and Suggestions

Our service requires a reliable energy supply which option 2 provides.

529B00019

529B00019

Annex

Response Form
Public Consultation on Future Fuel Mix for Electricity Generation for Hong Kong

Please send this response form to us on or before 18 June 2014 by one of these means:

mail: Environment Bureau, Electricity Reviews Division, 15/F, East Wing, Central Government Offices, 2 Tim Mei Avenue, Tamar, Hong Kong

e-mail: fuel_mix@enb.gov.hk

fax: 2147 5834

Part 1 (See Notes)

This is a ☑ corporate response (representing the views of a group or an organisation) or
☐ individual response (representing the views of an individual)

by MD Vista Ltd (name of person or organisation)

at _____ (telephone) and _____ (e-mail)

Part 2

Fuel Mix Options

FUEL MIX		IMPORT		NATURAL GAS	COAL (& RE)
		NUCLEAR (DBNPS)	GRID PURCHASE		
Existing (2012)		23%	-	22%	55%**
OPTION 1*	Importing more electricity through purchase from the Mainland power grid	20%	30%	40%	10%
		Total : 50%			
OPTION 2*	Using more natural gas for local generation	20%	-	60%	20%

* The above fuel mix ratios aim at providing a basis for planning the necessary infrastructure for electricity supply. Flexibility should apply to actual deployment of each fuel type, having regard to the circumstances happening on the ground.

** Inclusive of a small percentage of oil

Part 3

Specific Questions for Consultation

Q1: How do you view each of the two fuel mix options with regard to safety, reliability, cost, environmental performance and other relevant considerations? (Please indicate your view on **EACH** of the two options.)

Option	Support	Not Support	Reason for NOT supporting (You can tick more than one box)
1	☐	☑	☑ **Safety** ☑ **Reliability** ☑ **Affordability** ☑ **Environmental performance** ☐ **Others (please specify):** _____
2	☑	☐	☐ **Safety** ☐ **Reliability** ☐ **Affordability** ☐ **Environmental performance** ☐ **Others (please specify):** _____

Q2: Which of the two fuel mix options do you prefer? Why? (Please tick **ONLY ONE** box)

Option 1 ☐

Option 2 ☑

Reasons: (You can tick more than one box below)

Safety ☑

Reliability ☑

Affordability ☑

Environmental Performance ☑

Others ☐ **Please specify:** _____

Part 4

Other Comments and Suggestions

In order to excel in the service industry, we have to know that we can always count on certain municipal services. Power and water are such.

529B00020

Annex

Response Form
Public Consultation on Future Fuel Mix for Electricity Generation for Hong Kong

Please send this response form to us on or before **18 June 2014** by one of these means:

mail: Environment Bureau, Electricity Reviews Division, 15/F, East Wing, Central Government Offices, 2 Tim Mei Avenue, Tamar, Hong Kong

e-mail: fuel_mix@enb.gov.hk

fax: 2147 5834

Part 1 (See Notes)

This is a ☑ corporate response (representing the views of a group or an organisation) or
☐ individual response (representing the views of an individual)

by Sino China Enterprises Ltd
(name of person or organisation)

at _____ (telephone) and _____ (e-mail)

Part 2

Fuel Mix Options

FUEL MIX		IMPORT		NATURAL GAS	COAL (& RE)
		NUCLEAR (DBNPS)	GRID PURCHASE		
	Existing (2012)	23%	-	22%	55%**
OPTION 1*	**Importing more electricity through purchase from the Mainland power grid**	**20%**	**30%**	**40%**	**10%**
		Total : 50%			
OPTION 2*	**Using more natural gas for local generation**	**20%**	**-**	**60%**	**20%**

* The above fuel mix ratios aim at providing a basis for planning the necessary infrastructure for electricity supply. Flexibility should apply to actual deployment of each fuel type, having regard to the circumstances happening on the ground.

** Inclusive of a small percentage of oil

Part 3

Specific Questions for Consultation

Q1: How do you view each of the two fuel mix options with regard to safety, reliability, cost, environmental performance and other relevant considerations? (Please indicate your view on **EACH** of the two options.)

Option	Support	Not Support	Reason for NOT supporting (You can tick more than one box)
1	☐	☑	☑ **Safety** ☑ **Reliability** ☑ **Affordability** ☑ **Environmental performance** ☐ **Others (please specify):** _____
2	☑	☐	☐ **Safety** ☐ **Reliability** ☐ **Affordability** ☐ **Environmental performance** ☐ **Others (please specify):** _____

Q2: Which of the two fuel mix options do you prefer? Why? (Please tick **ONLY ONE** box)

Option 1 ☐

Option 2 ☑

Reasons: (You can tick more than one box below)

Safety ☑

Reliability ☑

Affordability ☑

Environmental Performance ☑

Others ☐ **Please specify:** _____

Part 4

Other Comments and Suggestions

Guangdong is increasing its electricity generation by coal. This is not good for air quality in the region.

529B00021

Annex

Response Form
Public Consultation on Future Fuel Mix for Electricity Generation for Hong Kong

Please send this response form to us on or before **18 June 2014** by one of these means:

mail: Environment Bureau, Electricity Reviews Division, 15/F, East Wing, Central Government Offices, 2 Tim Mei Avenue, Tamar, Hong Kong

e-mail: fuel_mix@enb.gov.hk

fax: 2147 5834

Part 1 (See Notes)

This is a ☑ corporate response (representing the views of a group or an organisation) or
☐ individual response (representing the views of an individual)

by Harbourfront Landmark Management Ltd
(name of person or organisation)

at _____ (telephone) and _____ (e-mail)

Part 2

Fuel Mix Options

FUEL MIX		IMPORT		NATURAL GAS	COAL (& RE)
		NUCLEAR (DBNPS)	GRID PURCHASE		
Existing (2012)		23%	-	22%	55%**
OPTION 1*	**Importing more electricity through purchase from the Mainland power grid**	**20%**	**30%**	**40%**	**10%**
		Total : 50%			
OPTION 2*	**Using more natural gas for local generation**	**20%**	-	**60%**	**20%**

* The above fuel mix ratios aim at providing a basis for planning the necessary infrastructure for electricity supply. Flexibility should apply to actual deployment of each fuel type, having regard to the circumstances happening on the ground.

** Inclusive of a small percentage of oil

Part 3

Specific Questions for Consultation

Q1: How do you view each of the two fuel mix options with regard to safety, reliability, cost, environmental performance and other relevant considerations? (Please indicate your view on **EACH** of the two options.)

Option	Support	Not Support	Reason for NOT supporting (You can tick more than one box)
1	☐	☑	☑ **Safety** ☑ **Reliability** ☑ **Affordability** ☑ **Environmental performance** ☐ **Others (please specify):** _____
2	☑	☐	☐ **Safety** ☐ **Reliability** ☐ **Affordability** ☐ **Environmental performance** ☐ **Others (please specify):** _____

Q2: Which of the two fuel mix options do you prefer? Why? (Please tick **ONLY ONE** box)

Option 1 ☐
Option 2 ☑

Reasons: (You can tick more than one box below)

Safety ☑
Reliability ☑
Affordability ☑
Environmental Performance ☑
Others ☐ **Please specify:** _____

Part 4

Other Comments and Suggestions

Property management relies on many electronic surveillance and management devices.

529B00023

529B00023

RECEIVED
29 MAY 2014
EGD

附件

回應表格
香港的未來發電燃料組合公眾諮詢

請於2014年6月18日或之前透過以下方式提交你的意見。
郵寄地址: 香港添馬添美道二號政府總部東翼十五樓環境局電力檢討科
電子郵件: fuel_mix@enb.gov.hk
傳真: 2147 5834

第一部分(見註)

這是 ☑ 團體回應 (代表個別團體或機構意見) 或
☐ 個人回應 (代表個人意見)

Swell Logistics (China) Limited
(個人或機構名稱)

(電話) 及 (電郵)

第二部分

燃料組合

燃料組合		輸入		天然氣	煤 (及可再生能源)
		核能 (大亞灣核電站)	從電網購電		
現時 (2012)		23%	-	22%	55%**
方案1*	通過從內地電網購電以輸入更多電力	20%	30%	40%	10%
		總共：50%			
方案2*	利用更多天然氣作本地發電	20%	-	60%	20%

*以上的燃料比例用以提供一個基礎作規劃電力供應所需的基建。不同燃料的實際分配應按實際情況釐定。

**包括少量燃油。

第三部分

具體諮詢問題

問1: 就安全、可靠性、合理價格、環保表現及其他相關的考慮而言，你對兩個燃料組合方案有何意見? (請就**每個**方案說明你的看法)

方案	支持	不支持	不支持方案的原因 (可選擇多過一項)
1	☐	☑	☐ **安全** ☑ **可靠性** ☑ **合理價格** ☑ **環保表現** ☐ **其他（請註明）:** _____
2	☑	☐	☐ **安全** ☐ **可靠性** ☐ **合理價格** ☐ **環保表現** ☐ **其他（請註明）:** _____

問2: 你認為在兩個燃料組合方案中，哪一個較理想？為什麼？(請只選擇**一個**)

方案1 ☐
方案2 ☑

原因: (可選擇多過一項)

安全 ☐
可靠性 ☑
合理價格 ☑
環保表現 ☑
其他 ☐ **請註明:** _____

第四部分

其他意見或建議

Better control on reducing air pollution via Option 2.

529B00030

529B00030

Annex

Response Form
Public Consultation on Future Fuel Mix for Electricity Generation for Hong Kong

Please send this response form to us on or before 18 June 2014 by one of these means:

mail: Environment Bureau, Electricity Reviews Division, 15/F, East Wing, Central Government Offices, 2 Tim Mei Avenue, Tamar, Hong Kong

e-mail: fuel_mix@enb.gov.hk

fax: 2147 5834

Part 1 (See Notes)

This is a ☑ corporate response (representing the views of a group or an organisation) or
☐ individual response (representing the views of an individual)

by Goodwell Property Management Ltd
(name of person or organisation)

at _____ (telephone) and _____ (e-mail)

Part 2

Fuel Mix Options

FUEL MIX		IMPORT		NATURAL GAS	COAL (& RE)
		NUCLEAR (DBNPS)	GRID PURCHASE		
Existing (2012)		23%	-	22%	55%**
OPTION 1*	Importing more electricity through purchase from the Mainland power grid	20%	30%	40%	10%
		Total : 50%			
OPTION 2*	Using more natural gas for local generation	20%	-	60%	20%

* The above fuel mix ratios aim at providing a basis for planning the necessary infrastructure for electricity supply. Flexibility should apply to actual deployment of each fuel type, having regard to the circumstances happening on the ground.

** Inclusive of a small percentage of oil

Part 3

Specific Questions for Consultation

Q1: How do you view each of the two fuel mix options with regard to safety, reliability, cost, environmental performance and other relevant considerations? (Please indicate your view on **EACH** of the two options.)

Option	Support	Not Support	Reason for NOT supporting (You can tick more than one box)
1	☐	☑	☑ **Safety** ☑ **Reliability** ☑ **Affordability** ☑ **Environmental performance** ☐ **Others (please specify):** _____
2	☑	☐	☐ **Safety** ☐ **Reliability** ☐ **Affordability** ☐ **Environmental performance** ☐ **Others (please specify):** _____

Q2: Which of the two fuel mix options do you prefer? Why? (Please tick **ONLY ONE** box)

Option 1 ☐

Option 2 ☑

Reasons: (You can tick more than one box below)

Safety ☑

Reliability ☑

Affordability ☑

Environmental Performance ☑

Others ☐ **Please specify:** _____

Part 4

Other Comments and Suggestions

Our tenants expect and rely on a steady energy supply. Among these 2 options, option 2 gives us that assurance.

529B00032

529B00032

附件

回應表格
香港的未來發電燃料組合公眾諮詢

請於2014年6月18日或之前透過以下方式提交你的意見。

郵寄地址: 香港添馬添美道二號政府總部東翼十五樓環境局電力機動科
電子郵件: fuel_mix@enb.gov.hk
傳真: 2147 5834

第一部分(見註)

這是 ☑ 團體回應 (代表個別團體或機構意見) 或
☐ 個人回應 (代表個人意見)

WAH CHONG TRADING CO
(個人或機構名稱)

_____ 及 _____
(電話) (電郵)

第二部分

燃料組合

燃料組合		輸入		天然氣	煤 (及可再生能源)
		核能 (大亞灣核電站)	從電網購電		
現時 (2012)		23%	-	22%	55%**
方案1*	通過從內地電網購電以輸入更多電力	20%	30%	40%	10%
		總共：50%			
方案2*	利用更多天然氣作本地發電	20%	-	60%	20%

*以上的燃料比例用以提供一個基礎作規劃電力供應所需的基建。不同燃料的實際分配應按實際情況釐定。

**包括少量燃油。

第三部分

具體諮詢問題

問1: 就安全、可靠性、合理價格、環保表現及其他相關的考慮而言，你對兩個燃料組合方案有何意見? (請就**每個**方案說明你的看法)

方案	支持	不支持	不支持方案的原因 (可選擇多過一項)
1	☐	☑	☑ **安全** ☑ **可靠性** ☐ **合理價格** ☑ **環保表現** ☐ **其他（請註明）:** _____
2	☑	☐	☐ **安全** ☐ **可靠性** ☐ **合理價格** ☐ **環保表現** ☐ **其他（請註明）:** _____

問2: 你認為在兩個燃料組合方案中，哪一個較理想？為什麼？(請只選擇**一個**)

方案1 ☐
方案2 ☑

原因: (可選擇多過一項)

安全 ☑
可靠性 ☑
合理價格 ☐
環保表現 ☑
其他 ☐ **請註明:** _____

第四部分

其他意見或建議

香港行業規范及政府規管遠比國內机构完善及安全。

529B00037

附件

回應表格
香港的未來發電燃料組合公眾諮詢

請於2014年6月18日或之前透過以下方式提交你的意見。
郵寄地址: 香港添馬添美道二號政府總部東翼十五樓環境局電力檢討科
電子郵件: fuel_mix@enb.gov.hk
傳真: 2147 5834

第一部分(見註)

這是 ☐ 團體回應 (代表個別團體或機構意見) 或
☑ 個人回應 (代表個人意見)

黃大仙區議員蘇錫豪議員辦事處
(個人或機構名稱)

_____ (電話) 及 _____ (電郵)

第二部分

燃料組合

燃料組合		輸入		天然氣	煤 (及可再生能源)
		核能 (大亞灣核電站)	從電網購電		
現時 (2012)		23%	-	22%	55%**
方案1*	通過從內地電網購電以輸入更多電力	20%	30%	40%	10%
		總共：50%			
方案2*	利用更多天然氣作本地發電	20%	-	60%	20%

*以上的燃料比例用以提供一個基礎作規劃電力供應所需的基建。不同燃料的實際分配應按實際情況釐定。

**包括少量燃油。

第三部分

具體諮詢問題

問1: 就安全、可靠性、合理價格、環保表現及其他相關的考慮而言，你對兩個燃料組合方案有何意見? (請就**每個**方案說明你的看法)

方案	支持	不支持	不支持方案的原因 (可選擇多過一項)
1	☐	☐	☐ **安全** ☐ **可靠性** ☐ **合理價格** ☐ **環保表現** ☐ **其他（請註明）**: _____
2	☑	☐	☐ **安全** ☑ **可靠性** ☐ **合理價格** ☐ **環保表現** ☐ **其他（請註明）**: 香港作為國際金融中心，穩定可靠的電力是非常重要。

問2: 你認為在兩個燃料組合方案中，哪一個較理想？為什麼？(請只選擇**一個**)

方案1 ☐
方案2 ☑

原因: (可選擇多過一項)

安全 ☑
可靠性 ☑
合理價格 ☐
環保表現 ☐
其他 ☐ **請註明:** 目前中電提供可靠用電達99.999%。作為國際大都會的香港，穩定可靠的電力提供，是最重要的。

第四部分

其他意見或建議

我選擇方案2，原因已說明。如果可以有其他選擇，我建議能提高燃煤能達至40%，天然氣30%，煤30%。這樣又能支持環保，又能節省用戶支出，兩全其美。如果單從方案2考慮，不能加大燃煤比例至40%，可選擇天然氣40%，煤40%，在用戶電費支出較為接受。

530B00013

530B00013

Annex

Response Form
Public Consultation on Future Fuel Mix for Electricity Generation for Hong Kong

Please send this response form to us on or before **18 June 2014** by one of these means:

mail: Environment Bureau, Electricity Reviews Division, 15/F, East Wing, Central Government Offices, 2 Tim Mei Avenue, Tamar, Hong Kong

e-mail: fuel_mix@enb.gov.hk

fax: 2147 5834

Part 1 (See Notes)

This is a ☑ corporate response (representing the views of a group or an organisation) or
☐ individual response (representing the views of an individual)

by Vista Paradiso Property Management Ltd
(name of person or organisation)

at _____ (telephone) and _____ (e-mail)

Part 2

Fuel Mix Options

FUEL MIX		IMPORT		NATURAL GAS	COAL (& RE)
		NUCLEAR (DBNPS)	GRID PURCHASE		
Existing (2012)		23%	-	22%	55%**
OPTION 1*	Importing more electricity through purchase from the Mainland power grid	20%	30%	40%	10%
		Total : 50%			
OPTION 2*	Using more natural gas for local generation	20%	-	60%	20%

* The above fuel mix ratios aim at providing a basis for planning the necessary infrastructure for electricity supply. Flexibility should apply to actual deployment of each fuel type, having regard to the circumstances happening on the ground.

** Inclusive of a small percentage of oil

Part 3

Specific Questions for Consultation

Q1: How do you view each of the two fuel mix options with regard to safety, reliability, cost, environmental performance and other relevant considerations? (Please indicate your view on **EACH** of the two options.)

Option	Support	Not Support	Reason for NOT supporting (You can tick more than one box)
1	☐	☑	☑ **Safety** ☑ **Reliability** ☑ **Affordability** ☑ **Environmental performance** ☐ **Others (please specify):** _____
2	☑	☐	☐ **Safety** ☐ **Reliability** ☐ **Affordability** ☐ **Environmental performance** ☐ **Others (please specify):** _____

Q2: Which of the two fuel mix options do you prefer? Why? (Please tick **ONLY ONE** box)

Option 1 ☐
Option 2 ☑

Reasons: (You can tick more than one box below)

Safety ☑
Reliability ☑
Affordability ☑
Environmental Performance ☑
Others ☐ **Please specify:** _____

Part 4

Other Comments and Suggestions

Our estate is a high-rise development. Interruption to power which service our elevators will pose big problems for our estate's tenants.

530B00014

Annex

Response Form
Public Consultation on Future Fuel Mix for Electricity Generation for Hong Kong

Please send this response form to us on or before **18 June 2014** by one of these means:

mail: Environment Bureau, Electricity Reviews Division, 15/F, East Wing,
Central Government Offices, 2 Tim Mei Avenue, Tamar, Hong Kong

e-mail: fuel_mix@enb.gov.hk

fax: 2147 5834

Part 1 (See Notes)

This is a ☑ corporate response (representing the views of a group or an organisation) or
☐ individual response (representing the views of an individual)

by Lifestyle Plus Ltd
(name of person or organisation)

at _____ (telephone) and _____ (e-mail)

Part 2

Fuel Mix Options

FUEL MIX		IMPORT		NATURAL GAS	COAL (& RE)
		NUCLEAR (DBNPS)	GRID PURCHASE		
Existing (2012)		23%	-	22%	55%**
OPTION 1*	Importing more electricity through purchase from the Mainland power grid	20%	30%	40%	10%
		Total : 50%			
OPTION 2*	Using more natural gas for local generation	20%	-	60%	20%

* The above fuel mix ratios aim at providing a basis for planning the necessary infrastructure for electricity supply. Flexibility should apply to actual deployment of each fuel type, having regard to the circumstances happening on the ground.

** Inclusive of a small percentage of oil

Part 3

Specific Questions for Consultation

Q1: How do you view each of the two fuel mix options with regard to safety, reliability, cost, environmental performance and other relevant considerations? (Please indicate your view on **EACH** of the two options.)

Option	Support	Not Support	Reason for NOT supporting (You can tick more than one box)
1	☐	☑	☑ **Safety** ☑ **Reliability** ☑ **Affordability** ☑ **Environmental performance** ☐ **Others (please specify):** _____
2	☑	☐	☐ **Safety** ☐ **Reliability** ☐ **Affordability** ☐ **Environmental performance** ☐ **Others (please specify):** _____

Q2: Which of the two fuel mix options do you prefer? Why? (Please tick **ONLY ONE** box)

Option 1 ☐

Option 2 ☑

Reasons: (You can tick more than one box below)

Safety ☑

Reliability ☑

Affordability ☑

Environmental Performance ☑

Others ☐ **Please specify:** _____

Part 4

Other Comments and Suggestions

Hong Kong enjoyed a long period of stable energy at prices that are competitive in the region.

530 B000 15

530B00015

Annex

Response Form
Public Consultation on Future Fuel Mix for Electricity Generation for Hong Kong

Please send this response form to us on or before **18 June 2014** by one of these means:

mail: Environment Bureau, Electricity Reviews Division, 15/F, East Wing, Central Government Offices, 2 Tim Mei Avenue, Tamar, Hong Kong

e-mail: fuel_mix@enb.gov.hk

fax: 2147 5834

Part 1 (See Notes)

This is a ☑ corporate response (representing the views of a group or an organisation) or

☐ individual response (representing the views of an individual)

by Sceneway Property Management Ltd
(name of person or organisation)

at _____ (telephone) and _____ (e-mail)

Part 2

Fuel Mix Options

FUEL MIX		IMPORT		NATURAL GAS	COAL (& RE)
		NUCLEAR (DBNPS)	GRID PURCHASE		
Existing (2012)		23%	-	22%	55%**
OPTION 1*	Importing more electricity through purchase from the Mainland power grid	20%	30%	40%	10%
		Total : 50%			
OPTION 2*	Using more natural gas for local generation	20%	-	60%	20%

* The above fuel mix ratios aim at providing a basis for planning the necessary infrastructure for electricity supply. Flexibility should apply to actual deployment of each fuel type, having regard to the circumstances happening on the ground.

** Inclusive of a small percentage of oil

Part 3

Specific Questions for Consultation

Q1: How do you view each of the two fuel mix options with regard to safety, reliability, cost, environmental performance and other relevant considerations? (Please indicate your view on **EACH** of the two options.)

Option	Support	Not Support	Reason for NOT supporting (You can tick more than one box)
1	☐	☑	☑ **Safety** ☑ **Reliability** ☑ **Affordability** ☑ **Environmental performance** ☐ **Others (please specify):** _____
2	☑	☐	☐ **Safety** ☐ **Reliability** ☐ **Affordability** ☐ **Environmental performance** ☐ **Others (please specify):** _____

Q2: Which of the two fuel mix options do you prefer? Why? (Please tick **ONLY ONE** box)

Option 1 ☐
Option 2 ☑

Reasons: (You can tick more than one box below)

Safety ☑
Reliability ☑
Affordability ☑
Environmental Performance ☑
Others ☐ **Please specify:** _____

Part 4

Other Comments and Suggestions

The track record of nearby Chinese cities does not give us assurance of a stable energy supply.

530B00016

Annex

Response Form
Public Consultation on Future Fuel Mix for Electricity Generation for Hong Kong

Please send this response form to us on or before 18 June 2014 by one of these means:

mail: Environment Bureau, Electricity Reviews Division, 15/F, East Wing, Central Government Offices, 2 Tim Mei Avenue, Tamar, Hong Kong

e-mail: fuel_mix@enb.gov.hk

fax: 2147 5834

Part 1 (See Notes)

This is a ☑ corporate response (representing the views of a group or an organisation) or ☐ individual response (representing the views of an individual)

by Horizon Hotels & Suites Ltd
(name of person or organisation)

at _____ (telephone) and _____ (e-mail)

Part 2

Fuel Mix Options

FUEL MIX		IMPORT		NATURAL GAS	COAL (& RE)
		NUCLEAR (DBNPS)	GRID PURCHASE		
Existing (2012)		23%	-	22%	55%**
OPTION 1*	Importing more electricity through purchase from the Mainland power grid	20%	30%	40%	10%
		Total : 50%			
OPTION 2*	Using more natural gas for local generation	20%	-	60%	20%

* The above fuel mix ratios aim at providing a basis for planning the necessary infrastructure for electricity supply. Flexibility should apply to actual deployment of each fuel type, having regard to the circumstances happening on the ground.

** Inclusive of a small percentage of oil

Part 3

Specific Questions for Consultation

Q1: How do you view each of the two fuel mix options with regard to safety, reliability, cost, environmental performance and other relevant considerations? (Please indicate your view on **EACH** of the two options.)

Option	Support	Not Support	Reason for NOT supporting (You can tick more than one box)
1	☐	☑	☑ **Safety** ☑ **Reliability** ☑ **Affordability** ☑ **Environmental performance** ☐ **Others (please specify):** _____
2	☑	☐	☐ **Safety** ☐ **Reliability** ☐ **Affordability** ☐ **Environmental performance** ☐ **Others (please specify):** _____

Q2: Which of the two fuel mix options do you prefer? Why? (Please tick **ONLY ONE** box)

Option 1 ☐

Option 2 ☑

Reasons: (You can tick more than one box below)

Safety ☑

Reliability ☑

Affordability ☑

Environmental Performance ☑

Others ☐ **Please specify:** _____

Part 4

Other Comments and Suggestions

Tourists to Hong Kong have come to expect a high level of service. Reliable electricity is one.

530B00017

530B00017

Response Form
Public Consultation on Future Fuel Mix for Electricity Generation for Hong Kong

Please send this response form to us on or before **18 June 2014** by one of these means:

mail: Environment Bureau, Electricity Reviews Division, 15/F, East Wing, Central Government Offices, 2 Tim Mei Avenue, Tamar, Hong Kong

e-mail: fuel_mix@enb.gov.hk

fax: 2147 5834

Part 1 (See Notes)

This is a ☑ corporate response (representing the views of a group or an organisation) or ☐ individual response (representing the views of an individual)

by Cheung Kong Property Development Ltd
(name of person or organisation)

at _____ (telephone) and _____ (e-mail)

Part 2

Fuel Mix Options

FUEL MIX		IMPORT		NATURAL GAS	COAL (& RE)
		NUCLEAR (DBNPS)	GRID PURCHASE		
Existing (2012)		23%	-	22%	55%**
OPTION 1*	**Importing more electricity through purchase from the Mainland power grid**	**20%**	**30%**	**40%**	**10%**
		Total : 50%			
OPTION 2*	**Using more natural gas for local generation**	**20%**	-	**60%**	**20%**

* The above fuel mix ratios aim at providing a basis for planning the necessary infrastructure for electricity supply. Flexibility should apply to actual deployment of each fuel type, having regard to the circumstances happening on the ground.

** Inclusive of a small percentage of oil

Part 3

Specific Questions for Consultation

Q1: How do you view each of the two fuel mix options with regard to safety, reliability, cost, environmental performance and other relevant considerations? (Please indicate your view on **EACH** of the two options.)

Option	Support	Not Support	Reason for NOT supporting (You can tick more than one box)
1	☐	☑	☑ **Safety** ☑ **Reliability** ☑ **Affordability** ☑ **Environmental performance** ☐ **Others (please specify):** _____
2	☑	☐	☐ **Safety** ☐ **Reliability** ☐ **Affordability** ☐ **Environmental performance** ☐ **Others (please specify):** _____

Q2: Which of the two fuel mix options do you prefer? Why? (Please tick **ONLY ONE** box)

Option 1 ☐

Option 2 ☑

Reasons: (You can tick more than one box below)

Safety ☑

Reliability ☑

Affordability ☑

Environmental Performance ☑

Others ☐ **Please specify:** _____

Part 4

Other Comments and Suggestions

Local generation has proven its reliability. Option 2 improves natural gas fuel mix will also help make HK air cleaner.

530B00020

530B00020

附件

回應表格
香港的未來發電燃料組合公眾諮詢

請於2014年6月18日或之前透過以下方式提交你的意見：
郵寄地址: 香港添馬添美道二號政府總部東翼十五樓環境局電力檢討科
電子郵件: fuel_mix@enb.gov.hk
傳真: 2147 5834

第一部分(見註)

這是 ☑ 團體回應 (代表個別團體或機構意見) 或
☐ 個人回應 (代表個人意見)

BLACK & WHITE CO.
(個人或機構名稱)

(電話) 及 (電郵)

第二部分

燃料組合

燃料組合		輸入		天然氣	煤 (及可再生能源)
		核能 (大亞灣核電站)	從電網購電		
現時 (2012)		23%	-	22%	55%**
方案1*	通過從內地電網購電以輸入更多電力	20%	30%	40%	10%
		總共：50%			
方案2*	利用更多天然氣作本地發電	20%	-	60%	20%

*以上的燃料比例用以提供一個基礎作規劃電力供應所需的基建。不同燃料的實際分配應按實際情況釐定。

**包括少量燃油。

第三部分

具體諮詢問題

問1: 就安全、可靠性、合理價格、環保表現及其他相關的考慮而言，你對兩個燃料組合方案有何意見？(請就**每個**方案說明你的看法)

方案	支持	不支持	不支持方案的原因 (可選擇多過一項)
1	☐	☐	☐ **安全** ☐ **可靠性** ☐ **合理價格** ☐ **環保表現** ☐ **其他（請註明）：** _____
2	☑	☐	☑ **安全** ☑ **可靠性** ☑ **合理價格** ☑ **環保表現** ☐ **其他（請註明）：** _____

問2: 你認為在兩個燃料組合方案中，哪一個較理想？為什麼？(請只選擇**一個**)

方案1 ☐
方案2 ☑

原因: (可選擇多過一項)

安全 ☑
可靠性 ☑
合理價格 ☑
環保表現 ☑
其他 ☑ **請註明:** 港灯是全世界最可靠电力公司之一

第四部分

其他意見或建議

幾拾年紀錄，香港的电力公司最可靠的。
中国发电公司最不可靠

531B00001

531B00001

附件

回應表格
香港的未來發電燃料組合公眾諮詢

請於2014年6月18日或之前透過以下方式提交你的意見。

郵寄地址: 香港添馬添美道二號政府總部東翼十五樓環境局電力檢討科
電子郵件: fuel_mix@enb.gov.hk
傳真: 2147 5834

第一部分(見註)

這是 ☑ 團體回應 (代表個別團體或機構意見) 或
☑ 個人回應 (代表個人意見)

潘任惠珍議員辦事處
(個人或機構名稱)

(電話) 及 (電郵)

第二部分

燃料組合

燃料組合		輸入		天然氣	煤 (及可再生能源)
		核能 (大亞灣核電站)	從電網購電		
現時 (2012)		23%	-	22%	55%**
方案1*	通過從內地電網購電以輸入更多電力	20%	30%	40%	10%
		總共 50%			
方案2*	利用更多天然氣作本地發電	20%	-	60%	20%

*以上的燃料比例用以提供一個基礎作規劃電力供應所需的基建。不同燃料的實際分配須按實際情況釐定。

**包括少量燃油。

第三部分

具體諮詢問題

問1: 就安全、可靠性、合理價格、環保表現及其他相關的考慮而言，你對兩個燃料組合方案有何意見？(請就**每個**方案說明你的看法)

方案	支持	不支持	不支持方案的原因 (可選擇多過一項)
1	☐	☐	☐ 安全 ☐ 可靠性 ☐ 合理價格 ☐ 環保表現 ☐ 其他（請註明）: ____
2	☐	☐	☐ 安全 ☐ 可靠性 ☐ 合理價格 ☐ 環保表現 ☐ 其他（請註明）: ____

問2: 你認為在兩個燃料組合方案中，哪一個較理想？為什麼？(請只選擇一個)

方案1 ☐
方案2 ☐

為什么沒有其他選擇，例如將二个方案合併，將天然氣加多，將電網購電減少。

原因: (可選擇多過一項)
安全 ☐
可靠性 ☑
合理價格 ☑
環保表現 ☑
其他 ☐

③ 能源短缺，有較小心處理的核电廠，亦只可以接受！因此兩者核电亦可

請註明: ② 方案2，利用更多天然氣又恐怕加大电費開支，再斗市民"大老遠"運港，難於接受。現時天然氣供應局限從[illegible]價格高昂，有必要另覓市場購買價格較為合理的資

第四部分

其他意見或建議

① 方案1 倚賴內地供电，情況不穩，來源亦難控制，容易如東江水一樣受制於人，故先要清楚來源，合約平等下增加些少從电網購电，逐步進行。(但其实從國內買电只是將污染香港的來源之一轉到別人的地方)

環保節約始終是政府必要致力推動的目標。