



1 **SUBJECT: Undertakings of April 4th IEC MNP – Macro Environmental**

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3 **Undertaking 98: Analysis for Plan 8:**

4 Conduct a similar analysis on Plan 8 to that Existing in “Selected Plan Air Impacts” of slide 14
5 (Exhibit MNP_8, Macro Environmental Presentation).

Air Impacts*	Preferred Plan #14: K19/C25/750MW (WPS Sale & Investment)	Plan #1: All Gas	Plan #4: K19/Gas2 4/250MW	Plan #5: K19/Gas2 5/750MW (WPS Sale & Investment)	Plan #7: SGCT/C26	Plan #8: CCGT/C26
Cumulative GHG Operating Emissions	7.5 Mt CO2e	33.2 Mt CO2e	25.4 Mt CO2e	16.3 Mt CO2e	13.0 Mt CO2e	17.5 Mt CO2e
Cumulative Regional GHG Displacement Potential	191.6 Mt CO2e	22.5 Mt CO2e	107.7 Mt CO2e	94.4 Mt CO2e	102.1 Mt CO2e	113.1 Mt CO2e

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7 Plan #8 includes greater overall fossil based generation, as CCGT provides more energy than
8 SCGT in Plan #7, which typically operates as peaking facilities. Therefore, Plan #8 has greater
9 overall operating emissions. Increased generation includes greater levels of export which leads
10 to enhanced displacement opportunities in MISO contributing to increased overall
11 displacement in comparison to Plan #7.

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