

SOUTHERN CALIFORNIA



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GOVERNMENTS**

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## MEETING OF THE

# ENERGY AND ENVIRONMENT COMMITTEE

**PLEASE NOTE TIME**  
***Thursday, May 3, 2012***  
***1:00 p.m. – 2:00 p.m.***

**SCAG Main Office**  
**818 W. 7<sup>th</sup> Street, 12<sup>th</sup> Floor**  
**Policy Committee Room A**  
**Los Angeles, CA 90017**  
**(213) 236-1800**

If members of the public wish to review the attachments or have any questions on any of the agenda items, please contact Deby Salcido at (213) 236-1993 or via email [salcido@scag.ca.gov](mailto:salcido@scag.ca.gov)

Agendas & Minutes for the Energy and Environment Committee are also available at: [www.scag.ca.gov/committees/eec.htm](http://www.scag.ca.gov/committees/eec.htm)

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**Energy and Environment Committee**  
*Members – May 2012*

**Members**

**Representing**

<b>Chair*</b>	<b>1. Hon. Cheryl Viegas-Walker</b>	<b>El Centro</b>	<b>District 1</b>
<b>Vice-Chair*</b>	<b>2. Hon. James Johnson</b>	<b>Long Beach</b>	<b>District 30</b>
*	3. Hon. Lisa Bartlett	Dana Point	OCCOG
	4. Hon. Denis Bertone	San Dimas	SGVCOG
	5. Hon. Brian Brennan	Ventura	VCOG
*	6. Hon. Mark Calac		Pechanga Band of Luiseño Indians
*	7. Hon. Margaret Clark	Rosemead	District 32
	8. Hon. Jordan Ehrenkranz	Canyon Lake	WRCOG
*	9. Hon. Mitchell Englander	Los Angeles	District 59
	10. Hon. Larry Forester	Signal Hill	Gateway Cities
*	11. Hon. David Gafin	Downey	District 25
*	12. Hon. Keith Hanks	Azusa	District 33
	13. Hon. Mario Hernandez	San Fernando	District 67
	14. Hon. Phil Luebben	Cypress	OCCOG
	15. Hon. Thomas Martin	Maywood	Gateway Cities
	16. Hon. Dan Medina	Gardena	SBCCOG
*	17. Hon. Judy Mitchell	Rolling Hills Estates	District 40
	18. Hon. Sam Pedroza	Claremont	SGVCOG
	19. Hon. Jeffrey Prang	West Hollywood	WSCCOG
*	20. Hon. Lupe Ramos Watson	Indio	District 66
	21. Hon. Edward Scott	Rialto	SANBAG
*	22. Hon. Jack Terrazas		Imperial County
	23. Hon. Sam Toles	Cathedral City	CVAG
	24. Hon. Mark Waldman	La Palma	OCCOG
	25. Hon. Edward Wilson	Signal Hill	Gateway Cities
*	26. Hon. Dennis Zine	Los Angeles	District 50

\* Regional Council Member

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# ENERGY & ENVIRONMENT COMMITTEE

## AGENDA

MAY 3, 2012

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*The Energy & Environment Committee may consider and act upon any of the items listed on the agenda regardless of whether they are listed as Information or Action Items.*

### CALL TO ORDER & PLEDGE OF ALLEGIANCE

*(Hon. Cheryl Viegas-Walker, Chair)*

**PUBLIC COMMENT PERIOD** – Members of the public desiring to speak on items on the agenda, or items not on the agenda, but within the purview of the Committee, must fill out and present a speaker's card to the Assistant prior to speaking. Comments will be limited to three (3) minutes. The Chair may limit the total time for all comments to twenty (20) minutes.

### REVIEW AND PRIORITIZE AGENDA ITEMS

#### CONSENT CALENDAR

Time

Page

#### Approval Item

- |  |                   |  |          |
|--|-------------------|--|----------|
| 1. <u>Minutes of the March 1, 2012 Meeting</u> | <b>Attachment</b> |  | <b>1</b> |
|--|-------------------|--|----------|

#### ACTION ITEM

- |  |                   |                |          |
|--|-------------------|----------------|----------|
| 2. <u>Conformity Re-determination for 2012-2035 Regional Transportation Plan/Sustainable Communities Strategy (RTP/SCS) with New South Coast Ozone Emission Budget</u><br><i>(Rongsheng Luo, SCAG Staff)</i> | <b>Attachment</b> | <b>5 mins.</b> | <b>6</b> |
|--|-------------------|----------------|----------|

#### INFORMATION ITEMS

- |  |                   |                 |           |
|--|-------------------|-----------------|-----------|
| 3. <u>Status Report on the Final Program Environmental Impact Report (PEIR) for the 2012-2035 Regional Transportation Plan/Sustainable Communities Strategy (RTP/SCS)</u><br><i>(Jacob Lieb, SCAG Staff)</i> | <b>Attachment</b> | <b>10 mins.</b> | <b>11</b> |
| 4. <u>Challenges Related to Oil Supply</u><br><i>(Professor Iraj Ershaghi, USC)</i>  | <b>Attachment</b> | <b>30 mins.</b> | <b>12</b> |

#### CHAIR'S REPORT

*(Hon. Cheryl Viegas-Walker, Chair)*

#### STAFF REPORT

*(Jacob Lieb, SCAG Staff)*

#### FUTURE AGENDA ITEMS

Any Committee member or staff desiring to place items on a future agenda may make such a request.

#### ANNOUNCEMENTS

#### ADJOURNMENT

*The next meeting of the Energy and Environment Committee will be held on Thursday, June 7, 2012 at the SCAG Los Angeles Office.*

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Energy and Environment Committee  
of the  
Southern California Association of Governments  
March 1, 2012

*Minutes*

**THE FOLLOWING MINUTES ARE A SUMMARY OF ACTIONS TAKEN BY THE ENERGY AND ENVIRONMENT COMMITTEE. A DIGITAL RECORDING OF THE ACTUAL MEETING IS AVAILABLE FOR LISTENING IN SCAG'S OFFICE.**

The Energy and Environment Committee held its meeting at the SCAG office, in Los Angeles. The meeting was called to order by the Hon. Margaret Clark, Chair. There was a quorum.

**Members Present**

Hon. Lisa Bartlett, Dana Point	TCA
Hon. Denis Bertone, San Dimas	SGVCOG
Hon. Brian Brennan, San Buenaventura	VCOG
Hon. Margaret Clark, Rosemead	District 32
Hon. Jordan Ehrenkranz, Canyon Lake	WRCOG
Hon. Larry Forester, Signal Hill	GCCOG
Hon. Keith Hanks, Azusa	District 33
Hon. James Johnson, Long Beach	District 30
Hon. Thomas Martin, Maywood	GCCOG
Hon. Dan Medina, Gardena	SBCCOG
Hon. Judy Mitchell, Rolling Hills Estates	SBCCOG
Hon. Sam Pedroza, Claremont	SGVCOG
Hon. Lupe Ramos Watson, Indio	CVAG
Hon. Jack Terrazas	Imperial County
Hon. Cheryl Viegas Walker, El Centro	District 1
Hon. Mark Waldman, La Palma	OCCOG
Hon. Dennis Zine, City of Los Angeles	District 50

**Members Not Present**

Hon. Mark Calac	Pechanga Band of Luiseno Indians
Hon. Mitchell Englander, Los Angeles	District 59
Hon. David Gafin, Downey	District 25
Hon. Phil Luebben, Cypress	OCCOG
Hon. Ed Scott, Rialto	SANBAG
Hon. Sam Toles, Cathedral City	CVAG
Hon. Edward Wilson, Signal Hill	Gateway Cities

**CALL TO ORDER & PLEDGE OF ALLEGIANCE**

Hon. Margaret Clark, Chair, called the meeting to order at 10:02 a.m.

**PUBLIC COMMENT PERIOD**

**ELECTION OF CHAIR AND VICE-CHAIR**

A motion (Pedroza) was made to nominate the Hon. Cheryl Viegas-Walker, El Centro, as Chair. The motion was seconded (Zine) and unanimously approved.

A motion (Bertone) was made to nominate the Hon. James Johnson, Long Beach, as Vice-Chair. The motion was seconded (Zine) and unanimously approved.

## **REVIEW AND PRIORITIZE AGENDA ITEMS**

Agenda Item 3 was brought forward as the first presentation item and moved forward as an Action Item rather than an Information Item.

## **CONSENT CALENDAR**

### **Approval Item**

#### 1. Minutes of February 2, 2012 Meeting

A motion was made (Forester) to approve the Consent Calendar. The motion was seconded (Bertone) and unanimously approved.

## **ACTION ITEM**

#### 3. Future Effective Ozone Budgets for South Coast Air Basin

Rongsheng Luo, SCAG staff, informed the Committee that after today's agenda had been sent to the Committee members, the United States Environmental Protection Agency (US EPA) requested a more formal public review process for the future effective ozone budgets. As a result, Staff would like to change this Information Item into an Action Item.

**Recommended action:** Recommend that the Regional Council, at its April 4<sup>th</sup> meeting, authorize Staff to release for public review SCAG's conformity re-determination for the 2012-2035 Regional Transportation Plan (RTP) with new 8-hour ozone budgets for the South Coast Air Basin.

After the Draft 2012 RTP was released last November, the EPA on March 1, 2012 approved the 2007 Ozone State Implementation Plan RSIP revision, including the updated ozone budget for the South Coast Air Basin. However, the final rule was published on March 1, 2012 and the new budget will not become effective until April 30, 2012. SCAG and the United States Department of Transportation (US DOT) are required to use the new ozone budgets once they become effective. As required by the EPA's transportation conformity regulation, staff has performed a conformity analysis for the Draft 2012 RTP based on the current EPA approved emission budgets. Since the new ozone budgets will become effective after the Regional Council's (RC) adoption of the RTP in April, but likely before US DOT's conformity determination for the 2012 RTP, the conformity for the 2012 RTP will need to be re-determined for the new ozone budgets. Furthermore, the conformity determination will need to go through a 30-day public review process. Staff has performed the conformity analysis for the Draft 2012 RTP with the new future effective ozone budgets. The Draft 2012 RTP meets the future effective ozone budgets for the South Coast Air Basin. Staff will perform the conformity re-determination for the Final 2012 RTP and recommended that EEC take the previously stated action.

Motion was made (Forester) to recommend that the Regional Council, at its April 4<sup>th</sup> meeting, authorize staff to release for public review SCAG's conformity re-determination for the 2012-2035 Regional Transportation Plan (RTP) with new 8-hour ozone budgets for the South Coast Air Basin. The motion was seconded (Zine) and unanimously approved.

## **INFORMATION ITEMS**

### **2. Certification for the Final Program Environmental Impact Report (PEIR) for the 2012-2035 Regional Transportation Plan and Sustainable Communities Strategy (2012-2035 RTP/SCS)**

Jacob Lieb, SCAG Staff, briefed the EEC that the public comment period for the PEIR closed on February 14. SCAG received a substantial number of comments. SCAG is required under the California Environmental Quality Act (CEQA) to respond to every comment that is included in each letter. Although staff received comments in a number of different directions, there was a pervasive theme around the mitigation measures identified for non-SCAG entities. The general direction of those comments was that that body of mitigation in the Draft EIR was too detailed, too extensive, too directive, and could be interpreted to be putting forth requirements for subsequent projects at the local level. Staff would like to emphasize that was never the intent of the Draft EIR. It was always the intent that, while the PEIR has an extensive body of mitigation, the measures be viewed as a tool box or menu of options that can be considered as appropriate at the project planning scale.

At SCAG's February 21, 2012 Draft RTP/SCS Workshop, staff recommended an approach for dealing with the body of comments as well as other comments that were received on the draft document. SCAG's policy committee members were generally responsive and supportive to the approach staff recommended in dealing with response to comments. Staff will follow up, at this stage of the plan development, with a Joint Policy Committee meeting that will be held on March 21. In advance of that meeting, as the agenda and materials are posted, committee members will have the final proposed Draft EIR as well as all the detailed responses to comments. Staff will be asking at the March 21<sup>st</sup> meeting to make a recommendation to the Regional Council that the EIR be certified on April 4<sup>th</sup>.

Most of the comments SCAG received around the subject of mitigation were that they were too detailed and too extensive. Staff will make revisions in the final document that are streamlining in clarifying the intent of the mitigation program. However, in one area the staff is going to be recommending an additional mitigation measure to be carried out by SCAG. Not a local or project specific mitigation measure, it deals with the issue of health impacts for residents living near freeways and other transportation facilities, an evolving, complex issue. Staff will be proposing one additional mitigation measure for SCAG and is described in a matrix in the material the committee received for today's joint policy committee meeting.

### **4. National Environmental Policy Act (NEPA)/California Environmental Quality Act (CEQA) Delegation Provisions of Federal Reauthorization Legislation**

Sharon Neely, SCAG Staff, provided information to the committee members regarding the National Environmental Policy Act (NEPA) delegation provisions currently in the House bill versus the Senate bill, MAP 21 versus H.R.7 matrix. Staff does not believe either bill is going to progress quickly and noted the agenda item can carry over to next month's meeting.

5. Safe, Clean, and Reliable Drinking Water Supply Act of 2012 Bond Proposition

Sharon Neely, SCAG Staff, informed the committee members that the Safe, Clean, and Reliable Drinking Water Supply Act of 2012 Bond Proposition was considered by the Legislative Committee. Staff has summarized in today's agenda what the status of the legislation is and how the funds would be allocated but it is unknown as to whether this legislation will actually make it on the ballot given the competing tax initiatives. Staff will continue to monitor this bill and report back to the Committee.

**CHAIR'S REPORT** - None

**STAFF REPORT** –

Form 700, Conflict of Interest Form, is due back to SCAG's Office of Regional Council Support by April 2, 2012.

The Hon. Margaret Clark was acknowledged for all her good work as Chair of the EEC over the last two (2) years.

**FUTURE AGENDA ITEMS** – Zero Emissions Goods Movement Technology

**ANNOUNCEMENTS** - None

**ADJOURNMENT**

Hon. Margaret Clark adjourned the meeting at 10:29 a.m.

The next meeting will be a Joint Regional Council and Policy Committees Meeting to be held on Wednesday, March 21, 2012 at the SCAG Los Angeles office.

The 2012 Regional Council and General Assembly will be held on April 4-5, 2012 at the Bonaventure Hotel in Downtown Los Angeles

Action Minutes Approved by:

  
\_\_\_\_\_  
Jacob Lieb, Manager  
Environmental and Assessment  
Services

**Energy and Environment Committee Attendance Report**

2012

Member (including Ex-Officio) LastName, FirstName	Date Appointed if after 1/1/12	Representing	X = County Represented						X = Attended Black Shading = Dark NM = New Member												Total Mtgs Attended	
			Imperial	Los Angeles	Orange	Riverside	San Bernardino	Ventura	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec		
Bartlett, Lisa*		OCCOG			X				X	X	X											3
Bertone, Denis		SGVCOG		X					X	X	X	G										3
Brennan, Brian		VCOG						X	X		X	E										2
Calac, Mark*		Pechanga					X					N										
Clark, Margaret*		Rosemead		X					X	X	X	E										3
Ehrenkranz, Jordan		WRCOG					X		X		X	R										2
Englander, Mitchell*		Los Angeles		X								A										
Forester, Larry		Gateway Cities		X					X	X	X	L										3
Gafin, David*		Downey		X					X	X												2
Hanks, Keith		Azusa		X						X	X	A										2
Johnson James		Long Beach		X					X	X	X	S										3
Luebben, Phil		Cypress			X				X	X		E										2
Martin, Thomas		GCCOG		X					X	X	X	M										3
Medina, Dan		SBCCOG		X					X		X	B										2
Mitchell, Judy*		SBCCOG		X					X	X	X	L										3
Pedroza, Sam		SGVCOG		X					X	X	X	Y										3
Ramos Watson, Lupe		CVAG					X			X	X											2
Scott, Edward		SANBAG						X														
Terrazas, Jack		Imperial County	X						X		X											2
Toles, Sam		CVAG					X															
Viegas Walker, Cheryl*		El Centro	X						X	X	X											3
Waldman, Mark		La Palma		X					X	X	X											3
Wilson, Edward		Signal Hill		X					X													1
Zine, Dennis*		Los Angeles		X					X	X	X											3
<b>TOTALS</b>			<b>2</b>	<b>15</b>	<b>2</b>	<b>4</b>	<b>1</b>	<b>1</b>														

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**DATE:** May 3, 2012

**TO:** Energy and Environment Committee (EEC)

**FROM:** Rongsheng Luo, Program Manager, (213) 236-1994, [luo@scag.ca.gov](mailto:luo@scag.ca.gov)

**SUBJECT:** Conformity Re-determination for 2012-2035 Regional Transportation Plan/Sustainable Communities Strategy (RTP/SCS) with New South Coast Ozone Emission Budgets

**EXECUTIVE DIRECTOR'S APPROVAL:**



**RECOMMENDED ACTION:**

Recommend that the Regional Council approve the conformity re-determination for 2012-2035 RTP/SCS with the new 8-hour ozone budgets for the South Coast Air Basin.

**EXECUTIVE SUMMARY:**

*The new ozone budgets for the South Coast Air Basin as approved by the U.S. Environmental Protection Agency (EPA) will likely become effective before the Federal Highway Administration/Federal Transit Administration (FHWA/FTA) conformity determination for the 2012-2035 RTP/SCS. As required by the EPA's Transportation Conformity Regulations, conformity needs to be re-determined for the 2012-2035 RTP/SCS with the new ozone budgets for the South Coast Air Basin. Staff has performed the required conformity analysis demonstrating a positive conformity finding. As authorized by the Regional Council on April 4, 2012, the draft conformity re-determination was released for public comment. No comments were received.*

**STRATEGIC PLAN:**

This item supports SCAG's Strategic Plan, Goal 1: Improve Regional Decision Making by Providing Leadership and Consensus Building on Key Plans and Policies; Objective a) Create and facilitate a collaborative and cooperative environment to produce forward thinking regional plans.

**BACKGROUND:**

On March 1, 2012, the U.S. EPA published in the Federal Register the final rule approving the State Implementation Plan (SIP) revisions submitted by California to provide for attainment of the 1997 8-hour ozone national ambient air quality standards in the South Coast Air Basin. These SIP revisions include the South Coast 2007 Air Quality Management Plan (South Coast 2007 AQMP, revised 2011) and South Coast-related portions of the 2007 State Strategy (revised 2009 and 2011). One component of the SIP revision is updated transportation conformity motor vehicle emissions budgets for milestone years and the attainment year. The Final Rule, including the new ozone budgets, will become effective on April 30, 2012. SCAG and FHWA/FTA will be required to use these budgets for South Coast ozone conformity determinations once they become effective.

Pursuant to EPA's Transportation Conformity Regulations, SCAG performed the transportation conformity analysis for the 2012-2035 RTP/SCS based on the current EPA approved emission budgets. Since the new ozone budgets will become effective after the SCAG Regional Council adopts the 2012-2035 RTP/SCS, but likely before FHWA/FTA conformity determination, conformity will need to be re-determined for the South Coast Air Basin with the new 8-hour ozone budgets. The preliminary conformity re-determination was presented to the Energy and Environment Committee on March 1, 2012 and was discussed at the March 27,

# REPORT

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2012 Transportation Conformity Working Group (TCWG) meeting, which includes representatives from the respective air quality and transportation planning agencies, on. As authorized by the Regional Council on April 4, 2012, the *Draft Conformity Re-determination for 2012-2035 RTP/SCS with New South Coast Ozone Emission Budget* was released for public comment. No comments were received. As documented in the attached report, the 2012-2035 RTP/SCS meets the future effective ozone budgets for the South Coast Air Basin.

**FISCAL IMPACT:**

Work associated with this item is included in the current FY10-11 Overall Work Program (11-025.SCG0164.01: Air Quality Planning and Conformity).

**ATTACHMENT:**

Final Conformity Re-determination for 2012-2035 Regional Transportation Plan/Sustainable Communities Strategy (RTP/SCS) with New South Coast Ozone Emission Budgets

# Final Conformity Re-determination for 2012-2035 Regional Transportation Plan/Sustainable Communities Strategy (RTP/SCS) with New South Coast Ozone Emission Budgets

## INTRODUCTION

Transportation conformity is required under the federal Clean Air Act to ensure that federally supported highway and transit project activities conform to the purpose of the State Implementation Plan (SIP). Conformity to the purpose of the SIP means that transportation activities will not cause new air quality violations, worsen existing violations, or delay timely attainment of the relevant National Ambient Air Quality Standards (NAAQS). Conformity applies to non-attainment and maintenance areas for the following transportation-related criteria pollutants: ozone, particulate matter (PM<sub>2.5</sub> and PM<sub>10</sub>), carbon monoxide (CO), and nitrogen dioxide (NO<sub>2</sub>).

The U.S. Environmental Protection Agency (EPA) published a final rule in the Federal Register on March 1, 2012 approving SIP revisions submitted by California to provide for attainment of the 1997 8-hour ozone national ambient air quality standards in the South Coast Air Basin. These SIP revisions are the South Coast 2007 Air Quality Management Plan (South Coast 2007 AQMP) (revised 2011) and South Coast-related portions of the 2007 State Strategy (revised 2009 and 2011). One component of the SIP revision is updated transportation conformity motor vehicle emissions budgets for milestone years and the attainment year. The Final Rule, including the new ozone budgets, will become effective on April 30, 2012. SCAG and Federal Highway Administration/Federal Transit Administration (FHWA/FTA) will be required to use these budgets for South Coast ozone conformity determinations once they become effective.

Under the U.S. Department of Transportation's Metropolitan Planning Regulations and EPA's Transportation Conformity Regulations, the 2012-2035 RTP/SCS needs to pass five tests with the new 8-hour ozone emission budgets for the South Coast Air Basin: consistency with the adopted 2012-2035 RTP/SCS, regional emissions analysis, timely implementation of transportation control measures (TCMs), financial constraint, and interagency consultation and public involvement.

The findings of the conformity re-determination for the 2012-2035 RTP/SCS for the South Coast Air Basin with the new ozone budgets are presented below. Details of the regional emissions analysis follow the findings.

## CONFORMITY FINDINGS

SCAG's findings for the approval of the 2012-2035 RTP/SCS are as follows:

### Consistency with 2012-2035 RTP/SCS Test

**Finding:** The new 8-hour ozone budgets would not change any policies, programs or projects in the 2012-2035 RTP/SCS as adopted by SCAG Regional Council on April 4, 2012. The 2012-2035 RTP/SCS meets all federal and state requirements and regulations.

### Regional Emissions Tests

**Finding:** The regional emissions analysis for the 2012-2035 RTP/SCS for the South Coast Air Basin with the new 8-hour ozone budgets update the corresponding regional emissions analysis for the 2012-2035 RTP/SCS as adopted by SCAG's Regional Council on April 4, 2012.

**Finding:** The 2012-2035 RTP/SCS regional emissions for ozone precursors meet all applicable emission budget tests for all milestone, attainment, and planning horizon years for the South Coast Air Basin.

### Timely Implementation of TCMs Test

**Finding:** The new ozone budgets do not revise or otherwise alter the schedule, funding priority, or implementation of any TCM in the South Coast Air Basin.

### Financial Constraint Test

**Finding:** The new ozone budgets do not revise or otherwise alter the 2012-2035 RTP/SCS financial constraint determinations for all fiscal years.

### Interagency Consultation and Public Involvement Test

**Finding:** The 2012-2035 RTP/SCS complies with all federal and state requirements for interagency consultation and public involvement. The preliminary conformity re-determination was presented to the Energy and Environment Committee (EEC) on March 1, 2012 and was discussed at the Transportation Conformity Working Group (TCWG), which includes representatives from the respective air quality and transportation planning agencies, on March 27, 2012. As authorized by the Regional Council on April 4, 2012, the draft conformity re-determination was released for a 15-day public comment period. No comments were received. The final conformity re-determination will be presented to the EEC for recommendation to the Regional Council for approval on May 3, 2012.

### REGIONAL EMISSION ANALYSIS

The following table summarizes the regional emissions analysis for the South Coast Air Basin ozone non-attainment area. As required for budget tests, the emissions values in the table below utilize the rounding convention used by California Air Resources Board to set the budgets (i.e., any fraction rounded up to the nearest ton), and are the basis of the conformity finding for the SCAB.

**Table 1: South Coast Air Basin 8-Hour Ozone (Summer Planning Emissions [Tons/Day])**

Pollutant	2014	2017	2020	2023	2030	2035
<b>ROG</b> <i>2012-2035 RTP/SCS</i>	141.4	125.1	108.9	97.7	81.8	73.8
<i>Adjustments for Adopted State and Local On-road Measures*</i>	-0.6	-0.9	-1.1	-1.5	-1.5	-1.5
<i>State Strategy - On-road Reductions*</i>	-14.2	-11.5	-8.5	-6.2	-4.8	-4.3
<b>Sum</b>	<b>126.5</b>	<b>112.7</b>	<b>99.3</b>	<b>90.0</b>	<b>75.5</b>	<b>68.0</b>
<b>Total Emissions</b>	127	113	100	90	76	69
<b>Emission Budgets</b>	136	119	108	99	99	99
<b>Budget – Emissions</b>	9	6	8	9	23	30

<b>NOx</b> <i>2012-2035 RTP/SCS</i>	280.4	230.3	180.2	155.1	123.6	118.3
<i>Adjustments for Adopted State and Local On-road Measures*</i>	-1.4	-1.0	-0.1	-0.1	-0.1	-0.1
<i>State Strategy - On-road Reductions*</i>	-22.3	-18.8	-15.6	-31.9	-18.5	-14.9
<b>Sum</b>	<b>256.7</b>	<b>210.5</b>	<b>164.5</b>	<b>123.1</b>	<b>105.0</b>	<b>103.7</b>
<b>Total Emissions</b>	257	211	165	124	105	104
<b>Emission Budgets</b>	277	224	185	140	140	140
<b>Budget – Emissions</b>	20	13	20	16	35	36

\* Table 2 on the next page details the 8-hour ozone emission budgets for the South Coast Air Basin as provided by ARB.

**Table 2: South Coast Ozone Plan Transportation Conformity Budgets for On-road Mobile (provided by ARB on March 8, 2012)**

Summer Planning Emissions [Tons per day]						
<b>South Coast Air Basin - ROG</b>	<b>2014</b>	<b>2017</b>	<b>2020</b>	<b>2023</b>	<b>2030</b>	<b>2035</b>
Baseline Emissions (EMFAC 2007 Default)	150.1	131.1	117	106.1		
<b>Adjustments for Adopted State and Local On-road Measures</b>	<b>-0.6</b>	<b>-0.9</b>	<b>-1.1</b>	<b>-1.5</b>	<b>-1.5</b>	<b>-1.5</b>
<i>AB1493</i>	-0.4	-0.8	-1.1	-1.5	-1.5	-1.5
<i>Moyer (on-road portion)</i>	-0.1	-0.1	0.0	0.0	0.0	0.0
<b>State Strategy - On-road Reductions* (Estimated)</b>	<b>-14.2</b>	<b>-11.5</b>	<b>-8.5</b>	<b>-6.2</b>	<b>-4.8</b>	<b>-4.3</b>
<i>Smog Check</i>	-4.9	-4.4	-3.8	-2.8	-2.8	-2.8
<i>Reformulated Gasoline</i>	-4.4	-3.7	-3.0	-2.5	-2.5	-2.5
<i>Cleaner in use HD Diesel Trucks</i>	-4.9	-3.5	-1.7	-0.9	0.5	1.0
Proposed Local Strategy - On-road Reductions						
SUM	135.2	118.8	107.4	98.4		
<b>Budget</b>	<b>136</b>	<b>119</b>	<b>108</b>	<b>99</b>		
<b>South Coast Air Basin - NOx</b>	<b>2014</b>	<b>2017</b>	<b>2020</b>	<b>2023</b>	<b>2030</b>	<b>2035</b>
Baseline Emissions (EMFAC 2007 Default)	299.9	243.5	200.2	171.8		
<b>Adjustments for Adopted State and Local On-road Measures</b>	<b>-1.4</b>	<b>-1.0</b>	<b>-0.1</b>	<b>-0.1</b>	<b>-0.1</b>	<b>-0.1</b>
<i>AB1493</i>						
<i>Moyer (on-road portion)</i>						
<b>State Strategy - On-road Reductions*</b>	<b>-22.3</b>	<b>-18.8</b>	<b>-15.6</b>	<b>-31.9</b>	<b>-18.5</b>	<b>-14.9</b>
<i>Smog Check</i>	-2.6	-2.2	-1.7	-1.2	-1.2	-1.2
<i>Cleaner in use HD Diesel Trucks</i>	-19.7	-16.7	-13.9	-30.7	-17.3	-13.7
Proposed Local Strategy - On-road Reductions						
SUM	276.3	223.6	184.5	139.8		
<b>Budget</b>	<b>277</b>	<b>224</b>	<b>185</b>	<b>140</b>		

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# REPORT

**DATE:** May 3, 2012

**TO:** Energy and Environment Committee (EEC)

**FROM:** Jacob Lieb, Manager of Environmental and Assessment Services, 213-236-1931, [lieb@scag.ca.gov](mailto:lieb@scag.ca.gov); Diana S. Gould, Sr. Regional Planner, 213-236-1997, [gould@scag.ca.gov](mailto:gould@scag.ca.gov)

**SUBJECT:** Status Report on the Final Program Environmental Impact Report (PEIR) for the 2012-2035 Regional Transportation Plan/Sustainable Communities Strategy (RTP/SCS)

**EXECUTIVE DIRECTOR'S APPROVAL:** 

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**RECOMMENDED ACTION:**  
For Information Only – No Action Required.

**EXECUTIVE SUMMARY:**  
*At the April 4, 2012 meeting, the Regional Council (RC) unanimously certified the Final 2012-2035 RTP/SCS PEIR. This report has been prepared to inform the EEC of this action and other required actions pertaining to the PEIR.*

**STRATEGIC PLAN:**  
This item supports SCAG's Strategic Plan Goal 1: Improve Regional Decision-Making by Providing Leadership and Consensus Building on Key Plans and Policies; Objective a: Create and facilitate a collaborative and cooperative environment to produce forward thinking regional plans.

**BACKGROUND:**  
At the April 4, 2012 meeting, the RC unanimously certified the Final 2012-2035 RTP/SCS PEIR. This action was carried out in accordance with the California Environmental Quality Act (CEQA), which requires the lead agency (in this case SCAG) to first prepare and certify an EIR prior to adopting a project such as the 2012-2035 RTP/SCS. The Final PEIR is available on-line at: <http://rtpscs.scag.ca.gov/Pages/Final-2012-PEIR.aspx>. A limited number of CDs and hard-copies are also available upon request. The Final 2012-2035 RTP/SCS PEIR also includes a number of SCAG mitigation measures that will require further discussion and follow up.

In addition, pursuant to CEQA, SCAG filed a Notice of Determination (NOD) with the County Clerk's Office in each of the six counties within SCAG's region and with the State Office of Planning and Research (OPR). The NOD provides information about the project (in this case, the 2012-2035 RTP/SCS) such as description, title, and location; and indicates whether or not mitigation measures and a mitigation monitoring and reporting plan were included as conditions of project approval. The NOD also indicates whether or not a Statement of Overriding Considerations was adopted and if findings were made pursuant to CEQA. Timely filing of the NOD (within 5 working days of the PEIR certification) triggers a 30-day statute of limitations period for challenging the PEIR under CEQA. The NOD was filed and posted on Monday, April 9, 2012. Thus, the 30-day limitation period runs through May 8, 2012.

**FISCAL IMPACT:**  
The consultant work is budgeted in the FY10-11 OWP under 11-020.SCG00161.04 and in the FY11-12 OWP under 12-020.SCG00161.04.

**ATTACHMENT:**  
None

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**DATE:** May 3, 2012  
**TO:** Energy and Environment Committee (EEC)  
**FROM:** Pamela Lee, Assistant Regional Planner, (213) 236-1895, leep@scag.ca.gov  
**SUBJECT:** Challenges Related to Oil Supply

**EXECUTIVE DIRECTOR'S APPROVAL:** 

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**RECOMMENDED ACTION:**  
For Information Only – No Action Required.

**EXECUTIVE SUMMARY:**  
*Per the request of EEC Committee Members, staff has invited speakers to begin a series of discussions on energy supply including new fossil fuel technologies, alternative fuel issues, and related challenges as it applies to the SCAG region, the state and the nation. Experts on topics such as peak oil have been invited to share facts and information, and present the current challenges occurring within the region, state and nation regarding energy supply. This will be presented through a series of discussions at the upcoming EEC meetings. The purpose of this agenda item is to discuss the issues pertaining to sustainability of a hydrocarbon-based economy over the next 50 years.*

**STRATEGIC PLAN GOALS:**  
This item supports SCAG's Strategic Plan; Goal 1: Improve Regional Decision Making by Providing Leadership and Consensus Building on key Plans and Policies; Objective a: Create and facilitate a collaborative and cooperative environment to produce forward thinking regional plans.

**BACKGROUND:**  
Professor Ershaghi is the Executive Director of the Chevron-USC Center for Smart Oilfield Technologies, holder of the Omar B. Milligan Chair in Petroleum Engineering, and the Director of the Petroleum Engineering Program. He will be speaking on rewards and risks of the production and redevelopment of abandoned and mature oilfields in Southern California. He is an expert in petroleum engineering, especially oil and gas seeps, gas prices, oil spills and gas reserves. His discussion will include the following topics: 1) Projection of import needs, strategic subsurface reserves, resource size, and investment and employment opportunities; 2) Safe production of resources; and 3) Technological breakthroughs.

Oil supply issues have become a topic of concern nationwide. Oil, along with other fossil fuels, is a finite, non-renewable resource that has powered the country's economic and population growth for the past century and a half. Estimates of U. S. and California oil reserves relate to economics and the state of technology. The rate of oil production, or extraction and refining, is currently about 84 million barrels per day. One solution to sustain the supply needs and continue with the economic vitality of the state is the redevelopment of abandoned oil fields.

# REPORT

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Recent improvements in technologies of oil extraction have raised issues across the country. Such technologies include new recovery opportunities from source rocks by hydraulic fracturing or fracking to extract hydrocarbons from shale oil and shale gas. What has changed the landscape are the economic incentives to utilize advanced technologies and target such resources.

**FISCAL IMPACT:**

No Fiscal Impact.

**ATTACHMENT:**

PowerPoint presentation (to be provided at the time of meeting by Professor Ershaghi)