

SCC Web Access

Combined Air Emissions Reporting (CAER) Short-term Wins Project

Matthew Kelly

EPA Office of Environmental Information

Julia A. Gamas

EPA Office of Air Quality Planning and Standards

Chun Yi Wu

Minnesota Pollution Control Agency

Goal of the Webinar

- Elicit feedback from a broader audience
 - What would the new SCC web access need to be to meet your needs?
- Demonstrate the mock ups for the project
 - **Who** uses SCCs now and for what
 - **What** is the new SCC web access
 - **Why** do we need the SCC web access
 - **How** should the new SCC web access work
 - **Where** should the SCC web access reside
- Recruit additional parties who would like to help in testing prior to release

Who

- State, local, and tribal (SLT)
- Facilities
 - Industrial
 - Commercial/Institutional
- EPA
 - NEI
 - RTR
 - CEDRI
 - SPPD
- Researchers
- Others?



What

Provide Web Access to the Master SCC List

- Short Term - Focus on Point Sources
 - Have the most up-to-date SCC list at a publically-accessible web page or portal on a regular basis
 - ❖ Develop/leverage search page
 - ❖ Bulk download
 - ❖ Other SCC- background information (e.g. SCC history)
 - Create standard web form and auto generate e-mails
 - ❖ Questions
 - ❖ Requests of SCC creation, edits, or retirement
 - Coordinate with EPA and SLT system owners that use SCCs

Why

➤ Currently

- Master SCC table within EIS - many cannot access it
- Several versions of the SCC tables exist - confusion
- No quick and easy way of tracking SCC code changes - updates may not be noted
- Not a transparent process for asking questions or requesting new/editing SCCs
- Limited use of SCCs in NEI, RTR, and other systems reporting to CEDRI

Why

- Short Term Goal
 - Overcome deficiencies identified
 - Assist users in selecting correct SCCs
 - ❖ Reduce reporting errors
 - ❖ Reduce post submission corrections
 - ❖ Avoid using generic SCCs where an alternative SCC exists
- Other?



How

New SCC Web Access Features

- Provide basics about SCCs
- Contains information about each field
- Easy to use
- Searchable
- Several ways of viewing/downloading/searching
- Provide the ability to ask questions and make requests
- Other?

How

New SCC Web Access Features

Examples

- Data Elements to Include
- Types of Searches
- Questions and SCC Requests



Proposed Data Element in SCC Table	Example
Data Category	Point
SCC Code	10100101
SCC Level One	External Combustion Boilers
SCC Level Two	Electric Generation
SCC Level Three	Anthracite Coal, Pulverized
SCC Level Four	Boiler
Map To	Show a new code that could be used for a retired SCC
Last Inventory Year	Show the year when a SCC was retired
Sector	Fuel Comb - Electric Generation - Coal
Short Name	Ext Comb /Electric Gen /Anthracite Coal /Pulverized Coal
Usage Notes	Could include SCC history (brief) log?
Last Updated Date	2/27/2013
Tier 1 Description	Fuel Comb. Elec. Util.
Tier 2 Description	Coal
Tier 3 Description	Anthracite & Lignite
Status	Active

Feedback Needed on Data Elements

- Enough or too many?
- Short name
 - Brief combined information of all SCC levels
 - Existed previously in NEI SCC table, but not in the current version
 - Useful for state online reporting?
 - Length?
- Others?



Types of Searches



NAIICS Code Drill Down Table

Code	Industry Title	Count *
11	Agriculture, Forestry, Fishing and Hunting	414,582
21	Mining	28,520
22	Utilities	28,207
23	Construction	1,270,691
31-33	Manufacturing	577,432

Codes	Titles	Number of US Businesses
11	Agriculture, Forestry, Fishing and Hunting	414,582
111110	Soybean Farming	7,294
111120	Oilseed (except Soybean) Farming	257
111130	Dry Pea and Bean Farming	5,563
111140	Wheat Farming	9,309

Types of Searches - Drill Down SCC Searches 1

Status: **Active** ▾

Data Category: **Point**

Click

Click

Data Category	Number of SCCs	SCC Starts	SCC Level One	Number of SCCs
Event	9	1	External Combustion	11
Nonpoint	1228	1	External Combustion Boilers	226
Nonroad	214	2	Internal Combustion Engines	207
Onroad	84	22	Mobile Sources	12
Point	7587	3	Industrial Processes	4937
All Sources	9122	4	Industrial Processes	1
		4	Petroleum and Solvent Evaporation	1441
		5	Waste Disposal	306
		6	MACT Source Categories	720
		Total	All	7861

[View Results for Selected SCCs](#)

[Download Results for Selected SCCs](#)

[View Results for Selected SCCs](#)

[Download Results for Selected SCCs](#)

Types of Searches - Drill Down SCC Searches 1

Data Category: Point

SCC Level One: External Combustion

SCC Starts	SCC Level Two	Number of SCCs
101	Electric Generation	84
102	Industrial	85
103	Commercial/Institutional ← Click	57
Total	ALL	226

[View Results for Selected SCCs](#)

[Download Results for Selected SCCs](#)

Data Category: Point

SCC Level One: External Combustion

SCC Level Two: Commercial/Institutional

SCC Starts	SCC Level Three	Number of SCCs
103001	Anthracite Coal ← Click	3
103002	Bituminous Coal	10
103002	Subbituminous Coal	6
103003	Lignite	5
103004	Residual Oil	4
103004	Residual Oil - Grade 6	1
...
103012	Solid Waste	2
103013	Liquid Waste	3
	ALL	57

[View Results for Selected SCCs](#)

[Download Results for Selected SCCs](#)

Types of Searches - Drill Down SCC Searches 1

Data Category: Point

SCC Level One: External Combustion

SCC Level Two: Commercial/Institutional

SCC Level Three: Anthracite Coal

Click



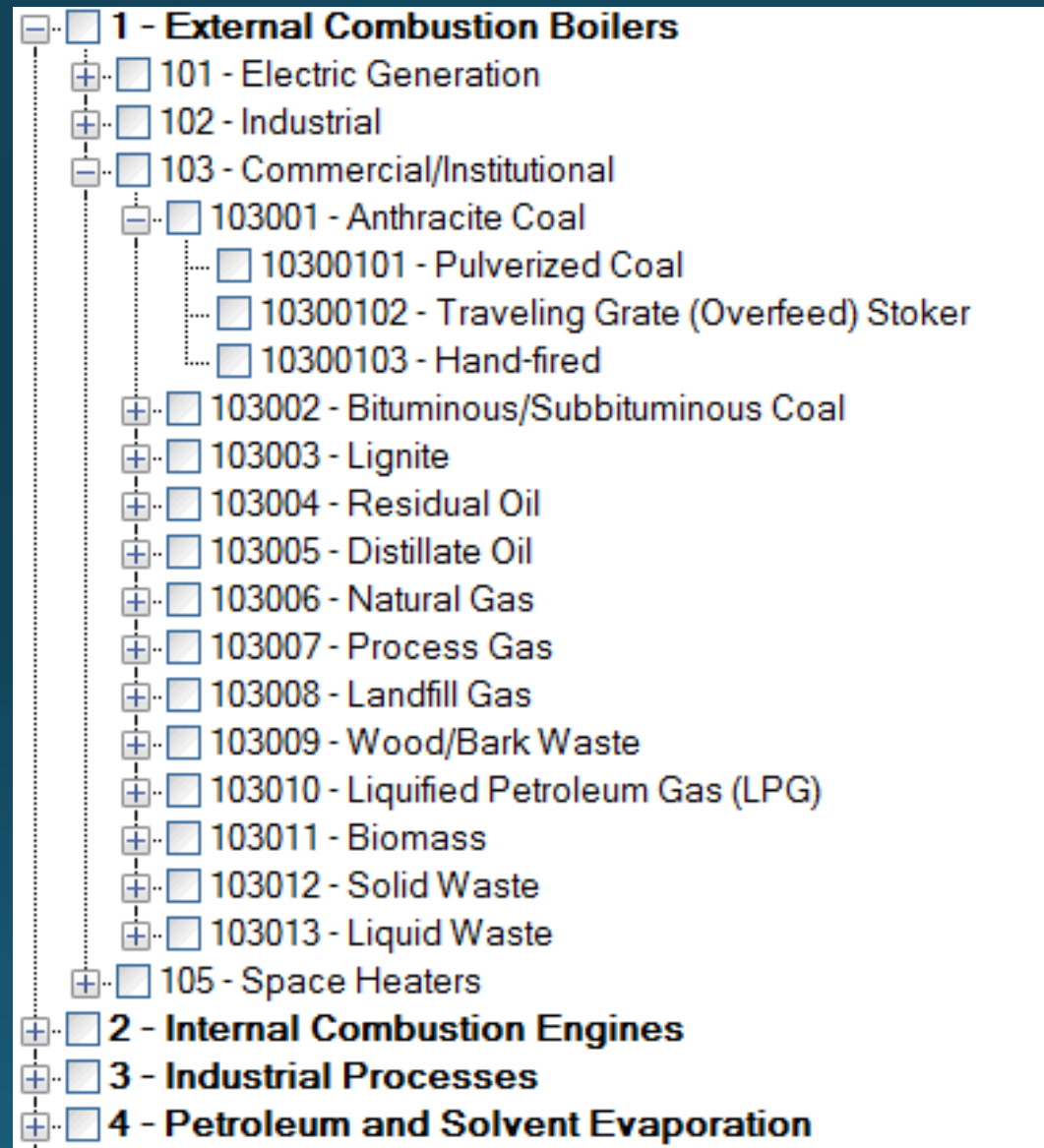
SCC Code	SCC Level Four
10300101	Pulverized Coal
10300102	Traveling Grate (Overfeed) Stoker
10300103	Hand-fired

[View Results for Selected SCCs](#)

[Download Results for Selected SCCs](#)

Data Category	Point
SCC Code	10300101
SCC Level One	External Combustion Boilers
SCC Level Two	Commercial/Institutional
SCC Level Three	Anthracite Coal
SCC Level Four	Pulverized Coal
Map To	
Last Inventory Year	
Sector	Fuel Comb - Comm/Institutional - Coal
Short Name	Ext Comb /Comm-Inst /Anthracite Coal /Pulverized Coal
Usage Notes	
Last Updated Date	3/20/2012
Tier 1 Description	Fuel Comb. Other
Tier 2 Description	Commercial/Institutional Coal
Tier 3 Description	Other
Status	Active

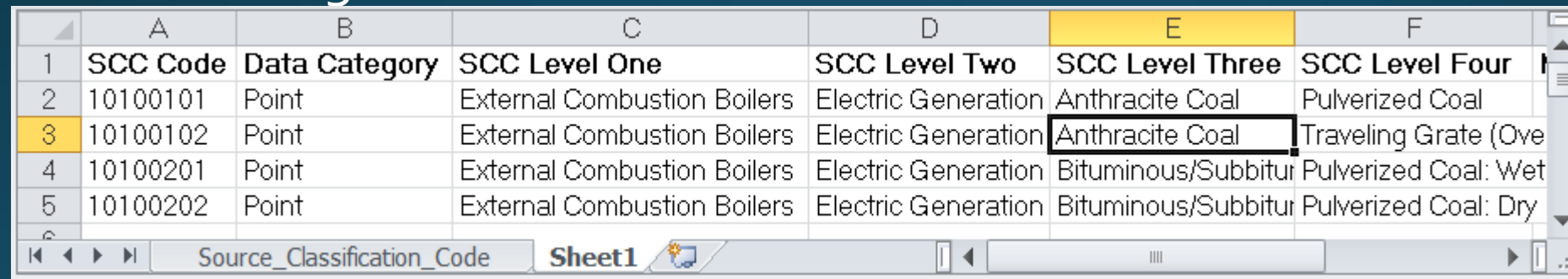
Types of Searches - Drill Down SCC Searches 2



Types of Searches - Drill Down SCC Searches

Feedbacks

- More Drill Down SCC Searches?
 - Tiers
 - Sectors
- Format of viewing SCCs on screen
 - Long form – all fields



	A	B	C	D	E	F
1	SCC Code	Data Category	SCC Level One	SCC Level Two	SCC Level Three	SCC Level Four
2	10100101	Point	External Combustion Boilers	Electric Generation	Anthracite Coal	Pulverized Coal
3	10100102	Point	External Combustion Boilers	Electric Generation	Anthracite Coal	Traveling Grate (Ove
4	10100201	Point	External Combustion Boilers	Electric Generation	Bituminous/Subbitur	Pulverized Coal: Wet
5	10100202	Point	External Combustion Boilers	Electric Generation	Bituminous/Subbitur	Pulverized Coal: Dry

- Short form – selected fields

Types of Searches - Drill Down SCC Searches

Feedbacks

- Options of download files
 - CSV file
 - Text
 - Excel
 - XML



Types of Searches - Keyword Searches

EIS Gateway

	A	B	C	D	E	F	G	H
1	Search date	Search code	Search scc lev	Search scc le	Search scc level t	Search scc leve	Search	Search last
2	Data Category	Code	SCC Level One	SCC Level Two	SCC Level Three	SCC Level Four	Map To	Last Inventory Year
3	Point	10100101	External Combustion Boilers	Electric Generation	Anthracite Coal, Pulverized	Boiler		
4	Point	10100102	External Combustion Boilers	Electric Generation	Anthracite Coal	Boiler, Traveling Grate (Overfeed) Stoker		
5	Point	10100201	External Combustion Boilers	Electric Generation	Bituminous Coal, Pulverized	Boiler, Wet Bottom		
6	Point	10100202	External Combustion Boilers	Electric Generation	Bituminous Coal, Pulverized	Boiler, Dry Bottom		
7	Point	10100203	External Combustion Boilers	Electric Generation	Bituminous Coal	Boiler, Cyclone Furnace		

[Download Results for Selected SCCs](#)

[Download Results for All SCCs](#)

Types of Searches - SCC History

➤ Usage Notes field - brief log

SCC Code	Last Inventory Year	Usage Notes
40500414	2011	As of 3/27/2012, this code should be reported as 40500314.

Feedbacks

➤ More detail history log?

Background

Level 2 descriptions for waste disposal of SCCs include the sector (i.e. industrial, commercial/institutional, or government) of the emission source. However, within the relevant Title 40 regulations ...

Added 50500210 for single heart hazardous waste...

50500310 - 50500312 for medical waste incinerators...

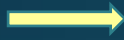
Retired: 50XXYYXX technology no longer in use

Request a new SCC

- Link to the standard form
[Need to request a new SCC?](#)



Submit



Auto
Generate
E-mails

- Feedback

More or less information?

Contact Information

*Name

*Affiliation

*Address

*City

*States

*Phone Number

*E-mail

SCC Information

*Data Category or Key Words (you can enter more than one)

*Reason for adding the new SCC

Enter the following if applicable.

SCC Level One

SCC Level Two

SCC Level Three

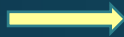
SCC Level Four

Similar existing SCCs

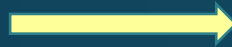
Request an SCC Edit or Retirement

- Link to the standard form
[Need to request an SCC edit or retirement?](#)

Submit



Auto
Generate
E-mails



- Feedback

More or less information?

Contact Information

Name

Affiliation

Address

City

States

Phone Number

E-mail

SCC Information

Data Category

Reason for editing or retiring

SCC Level One

SCC Level Two

SCC Level Three

SCC Level Four

All fields are required

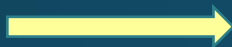
Question about an SCC

➤ Links

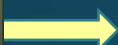
- [SCC Basic](#)
- [Glossary](#)

➤ Link to the standard form

[Have a question about an SCC?](#)



Submit



**Auto
Generate
E-mails**

➤ Feedback

More or less information?

Contact Information
Name
Affiliation
Address
City
States
Phone Number
E-mail
Data Category
Question

All fields are required

Where

- EPAs public web site
 - SCC list and searches – short term
- Specifications on how to implement a web service available to users – long term but likely will be achievable in the short term
- Facility Registry Service (FRS)
 - Look up facilities using specific processes – longer term
- Other?

Where

Example on FRS web

- Existing page
 - SIC codes
 - NAICS Codes

- Add a page
 - SCC Codes

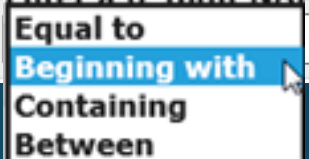
Facility Industrial Classification Search

Enter a 4-digit SIC code or a range of SIC codes (e.g., 4952)

SIC Codes: Equal to

OR

Enter a 6-digit NAICS code or a range (e.g., 22132)

NAICS Codes: 

Facility Source Classification Search

Sector Equal to

Or

Tier 1 Description Equal to

Or

Tier 2 Description Equal to

Or

Tier 3 Description Equal to

Next Step

- Develop a short plan of action/to do list
- Update the mock up to incorporate your feedback
- Contractor develops mock-up for what we have asked
- Get feedback on the contractor's mock-up
- Start development
- In an "Agile" approach



Overall Feedback

- Would any of these options meet your needs?
- Do you have suggestions on approaches to do things?
- Do you want to help in testing ?

Contact

Julia Gamas (gamas.julia@epa.gov)

Matthew Kelly (kelly.matthew@epa.gov)

Chun Yi Wu (chun.yi.wu@state.mn.us)

Thank you!

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- Short Term - Focus on Point Sources
 - Have the most up-to-date SCC list at a publically-accessible web page or portal on a regular basis
 - ❖ Develop/leverage search page
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